

Lincoln Meadows - Placer County APCD Air District, Summary Report

Lincoln Meadows
Placer County APCD, Summary Report

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	96.59	1000sqft	2.22	96,587.00	0
Single Family Housing	144.00	Dwelling Unit	46.75	259,200.00	373

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	384.25	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments

Only CalEEMod defaults were used.

Project Characteristics - Co2 Intensity Factor adjusted for PG&E Progress towards RPS

Land Use - Applicant provided information

Construction Phase - assumed paving phase before building construction phase; architectural coating assumed to overlap with building construction phase

Grading - project construction anticipated to disturb approx. 35.22 acres

Vehicle Trips - VMT adjusted per actual project VMT data provided by Fehr & Peers

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - 2016 Title 24 compliance

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Peak Daily Operational Emissions

Peak Daily Operational Emissions

		Unmitigated						Mitigated					
		ROG	NOX	CO	SO2	PM10	PM2.5	ROG	NOX	CO	SO2	PM10	PM2.5
Operational Activity		lb/day											
On-Site	Area	227.2142 S	4.4410 S	283.9342 S	0.4935 S	38.2071 S	38.2071 S	228.7119 S	4.4410 S	283.9342 S	0.4935 S	38.2071 S	38.2071 S
On-Site	Energy	0.1361 S	1.1630 S	0.4949 S	7.4200e-003 S	0.0940 S	0.0940 S	0.1012 S	0.8647 S	0.3680 S	5.5200e-003 S	0.0699 S	0.0699 S
Off-Site	Mobile	2.2826 S	12.7004 W	18.2355 W	0.0657 S	4.5425 W	1.2536 W	2.2485 S	12.3977 W	17.5113 W	0.0620 S	4.2299 W	1.1679 W
	Peak Daily Total	229.6328 S	18.3044 W	302.6646 W	0.5666 S	42.8437 W	39.5548 W	231.0615 S	17.7034 W	301.8134 W	0.5610 S	42.5069 W	39.4449 W
	Air District Threshold												
	Exceed Significance?												

3.0 Annual GHG Emissions

Annual GHG

Annual GHG

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1.0 Project Characteristics

1.1 Land Usage

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CO2 Intensity (lb/MW hr)	384.25	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Co2 Intensity Factor adjusted for PG&E Progress towards RPS

Land Use - Applicant provided information

Construction Phase - assumed paving phase before building construction phase; architectural coating assumed to overlap with building construction phase

Grading - project construction anticipated to disturb approx. 35.22 acres

Vehicle Trips - VMT adjusted per actual project VMT data provided by Fehr & Peers

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - 2016 Title 24 compliance

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Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	55.00	1,044.00
tblConstructionPhase	NumDays	740.00	1,044.00
tblConstructionPhase	NumDays	75.00	45.00
tblConstructionPhase	NumDays	55.00	6.00
tblConstructionPhase	NumDays	30.00	20.00
tblGrading	AcresOfGrading	112.50	35.22
tblLandUse	BuildingSpaceSquareFeet	96,590.00	96,587.00
tblLandUse	LandUseSquareFeet	96,590.00	96,587.00
tblLandUse	Population	412.00	373.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	384.25
tblProjectCharacteristics	OperationalYear	2018	2022
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	HO_TL	7.90	3.25
tblVehicleTrips	HS_TL	7.10	2.92
tblVehicleTrips	HW_TL	16.80	6.92
tblVehicleTrips	ST_TR	9.91	9.52
tblVehicleTrips	SU_TR	8.62	9.52

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.5855	3.7386	2.6679	5.1500e-003	0.4374	0.1926	0.6300	0.2034	0.1798	0.3832	0.0000	465.1072	465.1072	0.0956	0.0000	467.4968
2019	0.8445	3.5481	3.1827	6.7100e-003	0.1992	0.1892	0.3883	0.0536	0.1789	0.2324	0.0000	599.3400	599.3400	0.0875	0.0000	601.5272
2020	0.8039	3.2501	3.0778	6.6700e-003	0.1999	0.1639	0.3638	0.0538	0.1550	0.2088	0.0000	591.2779	591.2779	0.0856	0.0000	593.4181
2021	0.7623	2.9465	2.9734	6.5800e-003	0.1992	0.1394	0.3386	0.0536	0.1318	0.1853	0.0000	582.9665	582.9665	0.0835	0.0000	585.0543
2022	0.3947	1.3875	1.5125	3.3900e-003	0.1041	0.0615	0.1656	0.0280	0.0582	0.0862	0.0000	300.5699	300.5699	0.0427	0.0000	301.6368
Maximum	0.8445	3.7386	3.1827	6.7100e-003	0.4374	0.1926	0.6300	0.2034	0.1798	0.3832	0.0000	599.3400	599.3400	0.0956	0.0000	601.5272

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2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.5855	3.7386	2.6679	5.1500e-003	0.4374	0.1926	0.6300	0.2034	0.1798	0.3832	0.0000	465.1068	465.1068	0.0956	0.0000	467.4964
2019	0.8445	3.5481	3.1827	6.7100e-003	0.1992	0.1892	0.3883	0.0536	0.1789	0.2324	0.0000	599.3396	599.3396	0.0875	0.0000	601.5268
2020	0.8039	3.2501	3.0778	6.6700e-003	0.1999	0.1639	0.3638	0.0538	0.1550	0.2088	0.0000	591.2775	591.2775	0.0856	0.0000	593.4177
2021	0.7623	2.9465	2.9734	6.5800e-003	0.1992	0.1394	0.3386	0.0536	0.1318	0.1853	0.0000	582.9661	582.9661	0.0835	0.0000	585.0539
2022	0.3947	1.3875	1.5125	3.3900e-003	0.1041	0.0615	0.1656	0.0280	0.0582	0.0862	0.0000	300.5697	300.5697	0.0427	0.0000	301.6366
Maximum	0.8445	3.7386	3.1827	6.7100e-003	0.4374	0.1926	0.6300	0.2034	0.1798	0.3832	0.0000	599.3396	599.3396	0.0956	0.0000	601.5268

	ROG	NOx	CO	SO2	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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-2-2018	7-1-2018	1.9646	1.9646
2	7-2-2018	10-1-2018	1.1332	1.1332
3	10-2-2018	1-1-2019	1.2133	1.2133
4	1-2-2019	4-1-2019	1.0849	1.0849
5	4-2-2019	7-1-2019	1.0918	1.0918
6	7-2-2019	10-1-2019	1.1038	1.1038

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7	10-2-2019	1-1-2020	1.1081	1.1081
8	1-2-2020	4-1-2020	1.0084	1.0084
9	4-2-2020	7-1-2020	1.0040	1.0040
10	7-2-2020	10-1-2020	1.0151	1.0151
11	10-2-2020	1-1-2021	1.0186	1.0186
12	1-2-2021	4-1-2021	0.9158	0.9158
13	4-2-2021	7-1-2021	0.9223	0.9223
14	7-2-2021	10-1-2021	0.9325	0.9325
15	10-2-2021	1-1-2022	0.9353	0.9353
16	1-2-2022	4-1-2022	0.8391	0.8391
17	4-2-2022	7-1-2022	0.8453	0.8453
18	7-2-2022	9-30-2022	0.0894	0.0894
		Highest	1.9646	1.9646

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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	tons/yr										MT/yr					
Area	10.2499	0.1888	12.2245	0.0203		1.5697	1.5697		1.5697	1.5697	148.7459	64.1301	212.8761	0.1390	0.0117	219.8366
Energy	0.0248	0.2123	0.0903	1.3500e-003		0.0172	0.0172		0.0172	0.0172	0.0000	473.1510	473.1510	0.0219	8.0600e-003	476.0985
Mobile	0.3346	2.3032	3.1116	0.0112	0.7817	9.6500e-003	0.7914	0.2103	9.0600e-003	0.2194	0.0000	1,036.0847	1,036.0847	0.0500	0.0000	1,037.3344
Waste						0.0000	0.0000		0.0000	0.0000	27.2576	0.0000	27.2576	1.6109	0.0000	67.5296
Water						0.0000	0.0000		0.0000	0.0000	2.9765	12.4565	15.4331	0.3067	7.4100e-003	25.3087
Total	10.6094	2.7042	15.4265	0.0329	0.7817	1.5965	2.3782	0.2103	1.5959	1.8062	178.9801	1,585.8223	1,764.8024	2.1284	0.0272	1,826.1078

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	10.1743	0.1888	12.2245	0.0203		1.5697	1.5697		1.5697	1.5697	148.7459	64.1301	212.8761	0.1390	0.0117	219.8366
Energy	0.0185	0.1578	0.0672	1.0100e-003		0.0128	0.0128		0.0128	0.0128	0.0000	404.7027	404.7027	0.0203	6.8200e-003	407.2403
Mobile	0.3286	2.2500	2.9775	0.0106	0.7278	9.1200e-003	0.7369	0.1958	8.5700e-003	0.2044	0.0000	977.5242	977.5242	0.0487	0.0000	978.7408
Waste						0.0000	0.0000		0.0000	0.0000	27.2576	0.0000	27.2576	1.6109	0.0000	67.5296
Water						0.0000	0.0000		0.0000	0.0000	2.9765	12.4565	15.4331	0.3067	7.4100e-003	25.3087
Total	10.5213	2.5966	15.2692	0.0319	0.7278	1.5916	2.3194	0.1958	1.5910	1.7868	178.9801	1,458.8136	1,637.7937	2.1254	0.0259	1,698.6559

	ROG	NOx	CO	SO2	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	0.83	3.98	1.02	2.95	6.90	0.31	2.47	6.90	0.31	1.07	0.00	8.01	7.20	0.14	4.56	6.98

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/2/2018	4/27/2018	5	20	
2	Grading	Grading	4/28/2018	6/29/2018	5	45	
3	Paving	Paving	6/30/2018	7/9/2018	5	6	
4	Building Construction	Building Construction	7/10/2018	7/8/2022	5	1044	
5	Architectural Coating	Architectural Coating	7/24/2018	7/22/2022	5	1044	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 35.22

Acres of Paving: 2.22

Residential Indoor: 524,880; Residential Outdoor: 174,960; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 5,795 (Architectural Coating – sqft)

OffRoad Equipment

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	92.00	31.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0456	0.4820	0.2248	3.8000e-004		0.0258	0.0258		0.0237	0.0237	0.0000	34.7599	34.7599	0.0108	0.0000	35.0304
Total	0.0456	0.4820	0.2248	3.8000e-004	0.1807	0.0258	0.2064	0.0993	0.0237	0.1230	0.0000	34.7599	34.7599	0.0108	0.0000	35.0304

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0500e-003	8.3000e-004	8.4100e-003	2.0000e-005	2.2000e-003	1.0000e-005	2.2100e-003	5.8000e-004	1.0000e-005	6.0000e-004	0.0000	1.9997	1.9997	6.0000e-005	0.0000	2.0011
Total	1.0500e-003	8.3000e-004	8.4100e-003	2.0000e-005	2.2000e-003	1.0000e-005	2.2100e-003	5.8000e-004	1.0000e-005	6.0000e-004	0.0000	1.9997	1.9997	6.0000e-005	0.0000	2.0011

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3.2 Site Preparation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0456	0.4820	0.2248	3.8000e-004		0.0258	0.0258		0.0237	0.0237	0.0000	34.7599	34.7599	0.0108	0.0000	35.0304
Total	0.0456	0.4820	0.2248	3.8000e-004	0.1807	0.0258	0.2064	0.0993	0.0237	0.1230	0.0000	34.7599	34.7599	0.0108	0.0000	35.0304

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0500e-003	8.3000e-004	8.4100e-003	2.0000e-005	2.2000e-003	1.0000e-005	2.2100e-003	5.8000e-004	1.0000e-005	6.0000e-004	0.0000	1.9997	1.9997	6.0000e-005	0.0000	2.0011
Total	1.0500e-003	8.3000e-004	8.4100e-003	2.0000e-005	2.2000e-003	1.0000e-005	2.2100e-003	5.8000e-004	1.0000e-005	6.0000e-004	0.0000	1.9997	1.9997	6.0000e-005	0.0000	2.0011

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3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1542	0.0000	0.1542	0.0765	0.0000	0.0765	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1145	1.3392	0.7895	1.4000e-003		0.0593	0.0593		0.0545	0.0545	0.0000	127.4591	127.4591	0.0397	0.0000	128.4511
Total	0.1145	1.3392	0.7895	1.4000e-003	0.1542	0.0593	0.2134	0.0765	0.0545	0.1310	0.0000	127.4591	127.4591	0.0397	0.0000	128.4511

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6300e-003	2.0700e-003	0.0210	6.0000e-005	5.4900e-003	4.0000e-005	5.5300e-003	1.4600e-003	3.0000e-005	1.5000e-003	0.0000	4.9992	4.9992	1.4000e-004	0.0000	5.0028
Total	2.6300e-003	2.0700e-003	0.0210	6.0000e-005	5.4900e-003	4.0000e-005	5.5300e-003	1.4600e-003	3.0000e-005	1.5000e-003	0.0000	4.9992	4.9992	1.4000e-004	0.0000	5.0028

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3.3 Grading - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1542	0.0000	0.1542	0.0765	0.0000	0.0765	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1145	1.3392	0.7895	1.4000e-003		0.0593	0.0593		0.0545	0.0545	0.0000	127.4590	127.4590	0.0397	0.0000	128.4510
Total	0.1145	1.3392	0.7895	1.4000e-003	0.1542	0.0593	0.2134	0.0765	0.0545	0.1310	0.0000	127.4590	127.4590	0.0397	0.0000	128.4510

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6300e-003	2.0700e-003	0.0210	6.0000e-005	5.4900e-003	4.0000e-005	5.5300e-003	1.4600e-003	3.0000e-005	1.5000e-003	0.0000	4.9992	4.9992	1.4000e-004	0.0000	5.0028
Total	2.6300e-003	2.0700e-003	0.0210	6.0000e-005	5.4900e-003	4.0000e-005	5.5300e-003	1.4600e-003	3.0000e-005	1.5000e-003	0.0000	4.9992	4.9992	1.4000e-004	0.0000	5.0028

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.9300e-003	0.0526	0.0444	7.0000e-005		2.8700e-003	2.8700e-003		2.6400e-003	2.6400e-003	0.0000	6.2435	6.2435	1.9400e-003	0.0000	6.2921
Paving	2.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.8400e-003	0.0526	0.0444	7.0000e-005		2.8700e-003	2.8700e-003		2.6400e-003	2.6400e-003	0.0000	6.2435	6.2435	1.9400e-003	0.0000	6.2921

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-004	2.1000e-004	2.1000e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4999	0.4999	1.0000e-005	0.0000	0.5003
Total	2.6000e-004	2.1000e-004	2.1000e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4999	0.4999	1.0000e-005	0.0000	0.5003

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3.4 Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.9300e-003	0.0526	0.0444	7.0000e-005		2.8700e-003	2.8700e-003		2.6400e-003	2.6400e-003	0.0000	6.2435	6.2435	1.9400e-003	0.0000	6.2921
Paving	2.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.8400e-003	0.0526	0.0444	7.0000e-005		2.8700e-003	2.8700e-003		2.6400e-003	2.6400e-003	0.0000	6.2435	6.2435	1.9400e-003	0.0000	6.2921

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-004	2.1000e-004	2.1000e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4999	0.4999	1.0000e-005	0.0000	0.5003
Total	2.6000e-004	2.1000e-004	2.1000e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4999	0.4999	1.0000e-005	0.0000	0.5003

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1675	1.4619	1.0988	1.6800e-003		0.0937	0.0937		0.0881	0.0881	0.0000	148.6045	148.6045	0.0364	0.0000	149.5147
Total	0.1675	1.4619	1.0988	1.6800e-003		0.0937	0.0937		0.0881	0.0881	0.0000	148.6045	148.6045	0.0364	0.0000	149.5147

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.1900e-003	0.2533	0.0555	5.3000e-004	0.0114	1.7000e-003	0.0131	3.3100e-003	1.6300e-003	4.9400e-003	0.0000	50.4838	50.4838	2.9600e-003	0.0000	50.5578
Worker	0.0335	0.0265	0.2685	7.1000e-004	0.0702	4.6000e-004	0.0707	0.0187	4.3000e-004	0.0191	0.0000	63.8783	63.8783	1.8300e-003	0.0000	63.9241
Total	0.0427	0.2798	0.3240	1.2400e-003	0.0817	2.1600e-003	0.0838	0.0220	2.0600e-003	0.0241	0.0000	114.3621	114.3621	4.7900e-003	0.0000	114.4819

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1675	1.4619	1.0988	1.6800e-003		0.0937	0.0937		0.0881	0.0881	0.0000	148.6043	148.6043	0.0364	0.0000	149.5145
Total	0.1675	1.4619	1.0988	1.6800e-003		0.0937	0.0937		0.0881	0.0881	0.0000	148.6043	148.6043	0.0364	0.0000	149.5145

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.1900e-003	0.2533	0.0555	5.3000e-004	0.0114	1.7000e-003	0.0131	3.3100e-003	1.6300e-003	4.9400e-003	0.0000	50.4838	50.4838	2.9600e-003	0.0000	50.5578
Worker	0.0335	0.0265	0.2685	7.1000e-004	0.0702	4.6000e-004	0.0707	0.0187	4.3000e-004	0.0191	0.0000	63.8783	63.8783	1.8300e-003	0.0000	63.9241
Total	0.0427	0.2798	0.3240	1.2400e-003	0.0817	2.1600e-003	0.0838	0.0220	2.0600e-003	0.0241	0.0000	114.3621	114.3621	4.7900e-003	0.0000	114.4819

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3081	2.7508	2.2399	3.5100e-003		0.1683	0.1683		0.1583	0.1583	0.0000	306.8110	306.8110	0.0747	0.0000	308.6795
Total	0.3081	2.7508	2.2399	3.5100e-003		0.1683	0.1683		0.1583	0.1583	0.0000	306.8110	306.8110	0.0747	0.0000	308.6795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0169	0.4998	0.1035	1.1000e-003	0.0239	2.8800e-003	0.0268	6.9200e-003	2.7600e-003	9.6800e-003	0.0000	104.5182	104.5182	5.8700e-003	0.0000	104.6651
Worker	0.0635	0.0486	0.5011	1.4300e-003	0.1466	9.5000e-004	0.1476	0.0390	8.8000e-004	0.0399	0.0000	129.3778	129.3778	3.3900e-003	0.0000	129.4626
Total	0.0804	0.5483	0.6045	2.5300e-003	0.1705	3.8300e-003	0.1743	0.0459	3.6400e-003	0.0496	0.0000	233.8960	233.8960	9.2600e-003	0.0000	234.1277

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3081	2.7508	2.2399	3.5100e-003		0.1683	0.1683		0.1583	0.1583	0.0000	306.8106	306.8106	0.0747	0.0000	308.6792
Total	0.3081	2.7508	2.2399	3.5100e-003		0.1683	0.1683		0.1583	0.1583	0.0000	306.8106	306.8106	0.0747	0.0000	308.6792

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0169	0.4998	0.1035	1.1000e-003	0.0239	2.8800e-003	0.0268	6.9200e-003	2.7600e-003	9.6800e-003	0.0000	104.5182	104.5182	5.8700e-003	0.0000	104.6651
Worker	0.0635	0.0486	0.5011	1.4300e-003	0.1466	9.5000e-004	0.1476	0.0390	8.8000e-004	0.0399	0.0000	129.3778	129.3778	3.3900e-003	0.0000	129.4626
Total	0.0804	0.5483	0.6045	2.5300e-003	0.1705	3.8300e-003	0.1743	0.0459	3.6400e-003	0.0496	0.0000	233.8960	233.8960	9.2600e-003	0.0000	234.1277

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2777	2.5134	2.2072	3.5300e-003		0.1463	0.1463		0.1376	0.1376	0.0000	303.4091	303.4091	0.0740	0.0000	305.2596
Total	0.2777	2.5134	2.2072	3.5300e-003		0.1463	0.1463		0.1376	0.1376	0.0000	303.4091	303.4091	0.0740	0.0000	305.2596

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0142	0.4646	0.0914	1.1000e-003	0.0240	1.9300e-003	0.0259	6.9400e-003	1.8400e-003	8.7900e-003	0.0000	104.1075	104.1075	5.4500e-003	0.0000	104.2437
Worker	0.0584	0.0431	0.4510	1.3900e-003	0.1472	9.4000e-004	0.1481	0.0392	8.6000e-004	0.0400	0.0000	125.7169	125.7169	2.9700e-003	0.0000	125.7911
Total	0.0726	0.5077	0.5425	2.4900e-003	0.1711	2.8700e-003	0.1740	0.0461	2.7000e-003	0.0488	0.0000	229.8244	229.8244	8.4200e-003	0.0000	230.0348

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2777	2.5134	2.2072	3.5300e-003		0.1463	0.1463		0.1376	0.1376	0.0000	303.4087	303.4087	0.0740	0.0000	305.2592
Total	0.2777	2.5134	2.2072	3.5300e-003		0.1463	0.1463		0.1376	0.1376	0.0000	303.4087	303.4087	0.0740	0.0000	305.2592

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0142	0.4646	0.0914	1.1000e-003	0.0240	1.9300e-003	0.0259	6.9400e-003	1.8400e-003	8.7900e-003	0.0000	104.1075	104.1075	5.4500e-003	0.0000	104.2437
Worker	0.0584	0.0431	0.4510	1.3900e-003	0.1472	9.4000e-004	0.1481	0.0392	8.6000e-004	0.0400	0.0000	125.7169	125.7169	2.9700e-003	0.0000	125.7911
Total	0.0726	0.5077	0.5425	2.4900e-003	0.1711	2.8700e-003	0.1740	0.0461	2.7000e-003	0.0488	0.0000	229.8244	229.8244	8.4200e-003	0.0000	230.0348

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099
Total	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0119	0.4262	0.0811	1.0800e-003	0.0239	9.3000e-004	0.0248	6.9200e-003	8.9000e-004	7.8100e-003	0.0000	102.8939	102.8939	5.1300e-003	0.0000	103.0222
Worker	0.0543	0.0385	0.4116	1.3400e-003	0.1466	9.1000e-004	0.1475	0.0390	8.4000e-004	0.0399	0.0000	120.8261	120.8261	2.6500e-003	0.0000	120.8923
Total	0.0662	0.4648	0.4926	2.4200e-003	0.1705	1.8400e-003	0.1723	0.0459	1.7300e-003	0.0477	0.0000	223.7200	223.7200	7.7800e-003	0.0000	223.9145

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095
Total	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0119	0.4262	0.0811	1.0800e-003	0.0239	9.3000e-004	0.0248	6.9200e-003	8.9000e-004	7.8100e-003	0.0000	102.8939	102.8939	5.1300e-003	0.0000	103.0222
Worker	0.0543	0.0385	0.4116	1.3400e-003	0.1466	9.1000e-004	0.1475	0.0390	8.4000e-004	0.0399	0.0000	120.8261	120.8261	2.6500e-003	0.0000	120.8923
Total	0.0662	0.4648	0.4926	2.4200e-003	0.1705	1.8400e-003	0.1723	0.0459	1.7300e-003	0.0477	0.0000	223.7200	223.7200	7.7800e-003	0.0000	223.9145

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3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1152	1.0541	1.1045	1.8200e-003		0.0546	0.0546		0.0514	0.0514	0.0000	156.4145	156.4145	0.0375	0.0000	157.3514
Total	0.1152	1.0541	1.1045	1.8200e-003		0.0546	0.0546		0.0514	0.0514	0.0000	156.4145	156.4145	0.0375	0.0000	157.3514

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7200e-003	0.2096	0.0389	5.6000e-004	0.0124	4.1000e-004	0.0128	3.5800e-003	3.9000e-004	3.9700e-003	0.0000	52.7869	52.7869	2.5100e-003	0.0000	52.8497
Worker	0.0264	0.0179	0.1963	6.7000e-004	0.0758	4.6000e-004	0.0763	0.0202	4.2000e-004	0.0206	0.0000	60.2055	60.2055	1.2300e-003	0.0000	60.2363
Total	0.0321	0.2275	0.2352	1.2300e-003	0.0882	8.7000e-004	0.0891	0.0238	8.1000e-004	0.0246	0.0000	112.9924	112.9924	3.7400e-003	0.0000	113.0859

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3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1152	1.0541	1.1045	1.8200e-003		0.0546	0.0546		0.0514	0.0514	0.0000	156.4144	156.4144	0.0375	0.0000	157.3512
Total	0.1152	1.0541	1.1045	1.8200e-003		0.0546	0.0546		0.0514	0.0514	0.0000	156.4144	156.4144	0.0375	0.0000	157.3512

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7200e-003	0.2096	0.0389	5.6000e-004	0.0124	4.1000e-004	0.0128	3.5800e-003	3.9000e-004	3.9700e-003	0.0000	52.7869	52.7869	2.5100e-003	0.0000	52.8497
Worker	0.0264	0.0179	0.1963	6.7000e-004	0.0758	4.6000e-004	0.0763	0.0202	4.2000e-004	0.0206	0.0000	60.2055	60.2055	1.2300e-003	0.0000	60.2363
Total	0.0321	0.2275	0.2352	1.2300e-003	0.0882	8.7000e-004	0.0891	0.0238	8.1000e-004	0.0246	0.0000	112.9924	112.9924	3.7400e-003	0.0000	113.0859

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3.6 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1801					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0172	0.1153	0.1066	1.7000e-004		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	14.6812	14.6812	1.4000e-003	0.0000	14.7161
Total	0.1973	0.1153	0.1066	1.7000e-004		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	14.6812	14.6812	1.4000e-003	0.0000	14.7161

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0400e-003	4.7600e-003	0.0483	1.3000e-004	0.0126	8.0000e-005	0.0127	3.3600e-003	8.0000e-005	3.4400e-003	0.0000	11.4981	11.4981	3.3000e-004	0.0000	11.5063
Total	6.0400e-003	4.7600e-003	0.0483	1.3000e-004	0.0126	8.0000e-005	0.0127	3.3600e-003	8.0000e-005	3.4400e-003	0.0000	11.4981	11.4981	3.3000e-004	0.0000	11.5063

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3.6 Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1801					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0172	0.1153	0.1066	1.7000e-004		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	14.6812	14.6812	1.4000e-003	0.0000	14.7161
Total	0.1973	0.1153	0.1066	1.7000e-004		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	14.6812	14.6812	1.4000e-003	0.0000	14.7161

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0400e-003	4.7600e-003	0.0483	1.3000e-004	0.0126	8.0000e-005	0.0127	3.3600e-003	8.0000e-005	3.4400e-003	0.0000	11.4981	11.4981	3.3000e-004	0.0000	11.5063
Total	6.0400e-003	4.7600e-003	0.0483	1.3000e-004	0.0126	8.0000e-005	0.0127	3.3600e-003	8.0000e-005	3.4400e-003	0.0000	11.4981	11.4981	3.3000e-004	0.0000	11.5063

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3.6 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	tons/yr										MT/yr					
Archit. Coating	0.4088					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0348	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3903
Total	0.4436	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3903

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	9.5000e-003	0.0980	2.8000e-004	0.0287	1.9000e-004	0.0289	7.6300e-003	1.7000e-004	7.8000e-003	0.0000	25.3130	25.3130	6.6000e-004	0.0000	25.3296
Total	0.0124	9.5000e-003	0.0980	2.8000e-004	0.0287	1.9000e-004	0.0289	7.6300e-003	1.7000e-004	7.8000e-003	0.0000	25.3130	25.3130	6.6000e-004	0.0000	25.3296

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3.6 Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4088					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0348	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3903
Total	0.4436	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3903

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	9.5000e-003	0.0980	2.8000e-004	0.0287	1.9000e-004	0.0289	7.6300e-003	1.7000e-004	7.8000e-003	0.0000	25.3130	25.3130	6.6000e-004	0.0000	25.3296
Total	0.0124	9.5000e-003	0.0980	2.8000e-004	0.0287	1.9000e-004	0.0289	7.6300e-003	1.7000e-004	7.8000e-003	0.0000	25.3130	25.3130	6.6000e-004	0.0000	25.3296

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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	tons/yr										MT/yr					
Archit. Coating	0.4104					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5124
Total	0.4421	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5124

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0114	8.4400e-003	0.0883	2.7000e-004	0.0288	1.8000e-004	0.0290	7.6600e-003	1.7000e-004	7.8300e-003	0.0000	24.5968	24.5968	5.8000e-004	0.0000	24.6113
Total	0.0114	8.4400e-003	0.0883	2.7000e-004	0.0288	1.8000e-004	0.0290	7.6600e-003	1.7000e-004	7.8300e-003	0.0000	24.5968	24.5968	5.8000e-004	0.0000	24.6113

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3.6 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4104					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5123
Total	0.4421	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5123

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0114	8.4400e-003	0.0883	2.7000e-004	0.0288	1.8000e-004	0.0290	7.6600e-003	1.7000e-004	7.8300e-003	0.0000	24.5968	24.5968	5.8000e-004	0.0000	24.6113
Total	0.0114	8.4400e-003	0.0883	2.7000e-004	0.0288	1.8000e-004	0.0290	7.6600e-003	1.7000e-004	7.8300e-003	0.0000	24.5968	24.5968	5.8000e-004	0.0000	24.6113

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3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4088					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3200	33.3200	2.2900e-003	0.0000	33.3771
Total	0.4374	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3200	33.3200	2.2900e-003	0.0000	33.3771

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0106	7.5400e-003	0.0805	2.6000e-004	0.0287	1.8000e-004	0.0289	7.6300e-003	1.6000e-004	7.8000e-003	0.0000	23.6399	23.6399	5.2000e-004	0.0000	23.6528
Total	0.0106	7.5400e-003	0.0805	2.6000e-004	0.0287	1.8000e-004	0.0289	7.6300e-003	1.6000e-004	7.8000e-003	0.0000	23.6399	23.6399	5.2000e-004	0.0000	23.6528

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3.6 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4088					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3199	33.3199	2.2900e-003	0.0000	33.3771
Total	0.4374	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3199	33.3199	2.2900e-003	0.0000	33.3771

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0106	7.5400e-003	0.0805	2.6000e-004	0.0287	1.8000e-004	0.0289	7.6300e-003	1.6000e-004	7.8000e-003	0.0000	23.6399	23.6399	5.2000e-004	0.0000	23.6528
Total	0.0106	7.5400e-003	0.0805	2.6000e-004	0.0287	1.8000e-004	0.0289	7.6300e-003	1.6000e-004	7.8000e-003	0.0000	23.6399	23.6399	5.2000e-004	0.0000	23.6528

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Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2271					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0148	0.1021	0.1315	2.2000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	18.5111	18.5111	1.2100e-003	0.0000	18.5412
Total	0.2420	0.1021	0.1315	2.2000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	18.5111	18.5111	1.2100e-003	0.0000	18.5412

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5400e-003	3.7700e-003	0.0413	1.4000e-004	0.0159	1.0000e-004	0.0160	4.2400e-003	9.0000e-005	4.3300e-003	0.0000	12.6519	12.6519	2.6000e-004	0.0000	12.6583
Total	5.5400e-003	3.7700e-003	0.0413	1.4000e-004	0.0159	1.0000e-004	0.0160	4.2400e-003	9.0000e-005	4.3300e-003	0.0000	12.6519	12.6519	2.6000e-004	0.0000	12.6583

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3.6 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2271					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0148	0.1021	0.1315	2.2000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	18.5111	18.5111	1.2100e-003	0.0000	18.5412
Total	0.2420	0.1021	0.1315	2.2000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	18.5111	18.5111	1.2100e-003	0.0000	18.5412

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5400e-003	3.7700e-003	0.0413	1.4000e-004	0.0159	1.0000e-004	0.0160	4.2400e-003	9.0000e-005	4.3300e-003	0.0000	12.6519	12.6519	2.6000e-004	0.0000	12.6583
Total	5.5400e-003	3.7700e-003	0.0413	1.4000e-004	0.0159	1.0000e-004	0.0160	4.2400e-003	9.0000e-005	4.3300e-003	0.0000	12.6519	12.6519	2.6000e-004	0.0000	12.6583

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3286	2.2500	2.9775	0.0106	0.7278	9.1200e-003	0.7369	0.1958	8.5700e-003	0.2044	0.0000	977.5242	977.5242	0.0487	0.0000	978.7408
Unmitigated	0.3346	2.3032	3.1116	0.0112	0.7817	9.6500e-003	0.7914	0.2103	9.0600e-003	0.2194	0.0000	1,036.0847	1,036.0847	0.0500	0.0000	1,037.3344

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	1,370.88	1,370.88	1370.88	2,102,491	1,957,419
Total	1,370.88	1,370.88	1,370.88	2,102,491	1,957,419

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
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	6.92	2.92	3.25	42.60	21.00	36.40	86	11	3

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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142
Single Family Housing	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	221.9401	221.9401	0.0168	3.4700e-003	223.3916
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	227.3438	227.3438	0.0172	3.5500e-003	228.8306
NaturalGas Mitigated	0.0185	0.1578	0.0672	1.0100e-003		0.0128	0.0128		0.0128	0.0128	0.0000	182.7626	182.7626	3.5000e-003	3.3500e-003	183.8487
NaturalGas Unmitigated	0.0248	0.2123	0.0903	1.3500e-003		0.0172	0.0172		0.0172	0.0172	0.0000	245.8072	245.8072	4.7100e-003	4.5100e-003	247.2679

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5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	4.60625e+006	0.0248	0.2123	0.0903	1.3500e-003		0.0172	0.0172		0.0172	0.0172	0.0000	245.8072	245.8072	4.7100e-003	4.5100e-003	247.2679
Total		0.0248	0.2123	0.0903	1.3500e-003		0.0172	0.0172		0.0172	0.0172	0.0000	245.8072	245.8072	4.7100e-003	4.5100e-003	247.2679

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.42484e+006	0.0185	0.1578	0.0672	1.0100e-003		0.0128	0.0128		0.0128	0.0128	0.0000	182.7626	182.7626	3.5000e-003	3.3500e-003	183.8487
Total		0.0185	0.1578	0.0672	1.0100e-003		0.0128	0.0128		0.0128	0.0128	0.0000	182.7626	182.7626	3.5000e-003	3.3500e-003	183.8487

Lincoln Meadows - Placer County APCD Air District, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.30438e+006	227.3438	0.0172	3.5500e-003	228.8306
Total		227.3438	0.0172	3.5500e-003	228.8306

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.27337e+006	221.9401	0.0168	3.4700e-003	223.3916
Total		221.9401	0.0168	3.4700e-003	223.3916

6.0 Area Detail

6.1 Mitigation Measures Area

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- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	10.1743	0.1888	12.2245	0.0203		1.5697	1.5697		1.5697	1.5697	148.7459	64.1301	212.8761	0.1390	0.0117	219.8366
Unmitigated	10.2499	0.1888	12.2245	0.0203		1.5697	1.5697		1.5697	1.5697	148.7459	64.1301	212.8761	0.1390	0.0117	219.8366

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6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1635					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0186					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	9.0355	0.1765	11.1533	0.0202		1.5638	1.5638		1.5638	1.5638	148.7459	62.3819	211.1278	0.1373	0.0117	218.0461
Landscaping	0.0324	0.0124	1.0713	6.0000e-005		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	1.7483	1.7483	1.6900e-003	0.0000	1.7905
Total	10.2499	0.1888	12.2245	0.0203		1.5697	1.5697		1.5697	1.5697	148.7459	64.1301	212.8760	0.1390	0.0117	219.8366

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1635					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9429					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	9.0355	0.1765	11.1533	0.0202		1.5638	1.5638		1.5638	1.5638	148.7459	62.3819	211.1278	0.1373	0.0117	218.0461
Landscaping	0.0324	0.0124	1.0713	6.0000e-005		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	1.7483	1.7483	1.6900e-003	0.0000	1.7905
Total	10.1743	0.1888	12.2245	0.0203		1.5697	1.5697		1.5697	1.5697	148.7459	64.1301	212.8760	0.1390	0.0117	219.8366

7.0 Water Detail

7.1 Mitigation Measures Water

Lincoln Meadows - Placer County APCD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	15.4331	0.3067	7.4100e-003	25.3087
Unmitigated	15.4331	0.3067	7.4100e-003	25.3087

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.38218 / 5.91485	15.4331	0.3067	7.4100e-003	25.3087
Total		15.4331	0.3067	7.4100e-003	25.3087

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.38218 / 5.91485	15.4331	0.3067	7.4100e-003	25.3087
Total		15.4331	0.3067	7.4100e-003	25.3087

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	27.2576	1.6109	0.0000	67.5296
Unmitigated	27.2576	1.6109	0.0000	67.5296

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8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	134.28	27.2576	1.6109	0.0000	67.5296
Total		27.2576	1.6109	0.0000	67.5296

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	134.28	27.2576	1.6109	0.0000	67.5296
Total		27.2576	1.6109	0.0000	67.5296

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Lincoln Meadows - Placer County APCD Air District, Winter

Lincoln Meadows
Placer County APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	96.59	1000sqft	2.22	96,587.00	0
Single Family Housing	144.00	Dwelling Unit	46.75	259,200.00	373

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	384.25	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Co2 Intensity Factor adjusted for PG&E Progress towards RPS

Land Use - Applicant provided information

Construction Phase - assumed paving phase before building construction phase; architectural coating assumed to overlap with building construction phase

Grading - project construction anticipated to disturb approx. 35.22 acres

Vehicle Trips - VMT adjusted per actual project VMT data provided by Fehr & Peers

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - 2016 Title 24 compliance

Lincoln Meadows - Placer County APCD Air District, Winter

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	55.00	1,044.00
tblConstructionPhase	NumDays	740.00	1,044.00
tblConstructionPhase	NumDays	75.00	45.00
tblConstructionPhase	NumDays	55.00	6.00
tblConstructionPhase	NumDays	30.00	20.00
tblGrading	AcresOfGrading	112.50	35.22
tblLandUse	BuildingSpaceSquareFeet	96,590.00	96,587.00
tblLandUse	LandUseSquareFeet	96,590.00	96,587.00
tblLandUse	Population	412.00	373.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	384.25
tblProjectCharacteristics	OperationalYear	2018	2022
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	HO_TL	7.90	3.25
tblVehicleTrips	HS_TL	7.10	2.92
tblVehicleTrips	HW_TL	16.80	6.92
tblVehicleTrips	ST_TR	9.91	9.52
tblVehicleTrips	SU_TR	8.62	9.52

2.0 Emissions Summary

Lincoln Meadows - Placer County APCD Air District, Winter

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	6.9719	59.6234	36.0277	0.0644	18.2962	2.6353	20.8745	9.9917	2.4245	12.3637	0.0000	6,483.3070	6,483.3070	1.9509	0.0000	6,532.0802
2019	6.5372	27.2164	24.4747	0.0509	1.5950	1.4498	3.0447	0.4273	1.3710	1.7983	0.0000	5,011.7099	5,011.7099	0.7419	0.0000	5,030.2563
2020	6.1969	24.8310	23.5595	0.0505	1.5950	1.2515	2.8465	0.4273	1.1835	1.6108	0.0000	4,925.5261	4,925.5261	0.7230	0.0000	4,943.6002
2021	5.8979	22.5936	22.8377	0.0500	1.5949	1.0684	2.6633	0.4273	1.0101	1.4374	0.0000	4,875.4924	4,875.4924	0.7079	0.0000	4,893.1904
2022	5.6491	20.4583	22.2739	0.0495	1.5949	0.9052	2.5001	0.4273	0.8564	1.2837	0.0000	4,825.7358	4,825.7358	0.6977	0.0000	4,843.1776
Maximum	6.9719	59.6234	36.0277	0.0644	18.2962	2.6353	20.8745	9.9917	2.4245	12.3637	0.0000	6,483.3070	6,483.3070	1.9509	0.0000	6,532.0802

Lincoln Meadows - Placer County APCD Air District, 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	227.2142	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4
Energy	0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.690 8	1,484.690 8	0.0285	0.0272	1,493.513 6
Mobile	1.7671	12.7004	18.2355	0.0603	4.4886	0.0539	4.5425	1.2030	0.0507	1.2536		6,121.029 8	6,121.029 8	0.3186		6,128.994 7
Total	229.1174	18.3044	302.6646	0.5612	4.4886	38.3551	42.8437	1.2030	38.3518	39.5548	3,999.129 2	9,304.309 8	13,303.43 90	4.0583	0.3418	13,506.74 67

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	228.7119	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4
Energy	0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.897 6	1,103.897 6	0.0212	0.0202	1,110.457 5
Mobile	1.7336	12.3977	17.5113	0.0568	4.1789	0.0510	4.2299	1.1199	0.0479	1.1679		5,771.801 0	5,771.801 0	0.3106		5,779.567 0
Total	230.5467	17.7034	301.8134	0.5558	4.1789	38.3281	42.5069	1.1199	38.3250	39.4449	3,999.129 2	8,574.287 7	12,573.41 69	4.0430	0.3348	12,774.26 28

Lincoln Meadows - Placer County APCD Air District, 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	-0.62	3.28	0.28	0.95	6.90	0.07	0.79	6.90	0.07	0.28	0.00	7.85	5.49	0.38	2.04	5.42

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	4/2/2018	4/27/2018	5	20	
2	Grading	Grading	4/28/2018	6/29/2018	5	45	
3	Paving	Paving	6/30/2018	7/9/2018	5	6	
4	Building Construction	Building Construction	7/10/2018	7/8/2022	5	1044	
5	Architectural Coating	Architectural Coating	7/24/2018	7/22/2022	5	1044	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 35.22

Acres of Paving: 2.22

Residential Indoor: 524,880; Residential Outdoor: 174,960; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 5,795 (Architectural Coating – sqft)

OffRoad Equipment

Lincoln Meadows - Placer County APCD Air District, Winter

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	92.00	31.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Lincoln Meadows - Placer County APCD Air District, Winter

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708		3,831.6239	3,831.6239	1.1928		3,861.4448
Total	4.5627	48.1988	22.4763	0.0380	18.0663	2.5769	20.6432	9.9307	2.3708	12.3014		3,831.6239	3,831.6239	1.1928		3,861.4448

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	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472
Total	0.1160	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472

Lincoln Meadows - Placer County APCD Air District, Winter

3.2 Site Preparation - 2018

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	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708	0.0000	3,831.6239	3,831.6239	1.1928		3,861.4448
Total	4.5627	48.1988	22.4763	0.0380	18.0663	2.5769	20.6432	9.9307	2.3708	12.3014	0.0000	3,831.6239	3,831.6239	1.1928		3,861.4448

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	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472
Total	0.1160	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472

Lincoln Meadows - Placer County APCD Air District, Winter

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8521	0.0000	6.8521	3.3999	0.0000	3.3999			0.0000			0.0000
Off-Road	5.0901	59.5218	35.0894	0.0620		2.6337	2.6337		2.4230	2.4230		6,244.4284	6,244.4284	1.9440		6,293.0278
Total	5.0901	59.5218	35.0894	0.0620	6.8521	2.6337	9.4858	3.3999	2.4230	5.8229		6,244.4284	6,244.4284	1.9440		6,293.0278

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	0.1289	0.1016	0.9383	2.4000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		238.8786	238.8786	6.9500e-003		239.0524
Total	0.1289	0.1016	0.9383	2.4000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		238.8786	238.8786	6.9500e-003		239.0524

Lincoln Meadows - Placer County APCD Air District, Winter

3.3 Grading - 2018

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					6.8521	0.0000	6.8521	3.3999	0.0000	3.3999			0.0000			0.0000
Off-Road	5.0901	59.5218	35.0894	0.0620		2.6337	2.6337		2.4230	2.4230	0.0000	6,244.4284	6,244.4284	1.9440		6,293.0278
Total	5.0901	59.5218	35.0894	0.0620	6.8521	2.6337	9.4858	3.3999	2.4230	5.8229	0.0000	6,244.4284	6,244.4284	1.9440		6,293.0278

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	0.1289	0.1016	0.9383	2.4000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		238.8786	238.8786	6.9500e-003		239.0524
Total	0.1289	0.1016	0.9383	2.4000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		238.8786	238.8786	6.9500e-003		239.0524

Lincoln Meadows - Placer County APCD Air District, Winter

3.4 Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6437	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797		2,294.0887	2,294.0887	0.7142		2,311.9432
Paving	0.9694					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6131	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797		2,294.0887	2,294.0887	0.7142		2,311.9432

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	0.0967	0.0762	0.7038	1.8000e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		179.1590	179.1590	5.2100e-003		179.2893
Total	0.0967	0.0762	0.7038	1.8000e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		179.1590	179.1590	5.2100e-003		179.2893

Lincoln Meadows - Placer County APCD Air District, Winter

3.4 Paving - 2018

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	1.6437	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797	0.0000	2,294.0887	2,294.0887	0.7142		2,311.9432
Paving	0.9694					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6131	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797	0.0000	2,294.0887	2,294.0887	0.7142		2,311.9432

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	0.0967	0.0762	0.7038	1.8000e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		179.1590	179.1590	5.2100e-003		179.2893
Total	0.0967	0.0762	0.7038	1.8000e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		179.1590	179.1590	5.2100e-003		179.2893

Lincoln Meadows - Placer County APCD Air District, Winter

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.935 1	2,620.935 1	0.6421		2,636.988 3
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.935 1	2,620.935 1	0.6421		2,636.988 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	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	0.1518	4.0349	0.9783	8.3400e-003	0.1899	0.0276	0.2175	0.0547	0.0264	0.0811		871.8025	871.8025	0.0556		873.1921
Worker	0.5931	0.4676	4.3163	0.0110	1.1751	7.3700e-003	1.1825	0.3116	6.8000e-003	0.3184		1,098.841 6	1,098.841 6	0.0320		1,099.641 1
Total	0.7449	4.5025	5.2946	0.0194	1.3650	0.0350	1.4000	0.3663	0.0332	0.3995		1,970.644 1	1,970.644 1	0.0876		1,972.833 2

Lincoln Meadows - Placer County APCD Air District, Winter

3.5 Building Construction - 2018

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	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.935 1	2,620.935 1	0.6421		2,636.988 3
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.935 1	2,620.935 1	0.6421		2,636.988 3

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	0.1518	4.0349	0.9783	8.3400e-003	0.1899	0.0276	0.2175	0.0547	0.0264	0.0811		871.8025	871.8025	0.0556		873.1921
Worker	0.5931	0.4676	4.3163	0.0110	1.1751	7.3700e-003	1.1825	0.3116	6.8000e-003	0.3184		1,098.841 6	1,098.841 6	0.0320		1,099.641 1
Total	0.7449	4.5025	5.2946	0.0194	1.3650	0.0350	1.4000	0.3663	0.0332	0.3995		1,970.644 1	1,970.644 1	0.0876		1,972.833 2

Lincoln Meadows - Placer County APCD Air District, Winter

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

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	0.1341	3.8108	0.8758	8.2600e-003	0.1899	0.0224	0.2124	0.0547	0.0215	0.0762		864.2752	864.2752	0.0529		865.5981
Worker	0.5375	0.4110	3.8421	0.0107	1.1751	7.3000e-003	1.1824	0.3116	6.7300e-003	0.3184		1,065.867 3	1,065.867 3	0.0283		1,066.574 7
Total	0.6716	4.2218	4.7179	0.0190	1.3650	0.0297	1.3948	0.3663	0.0282	0.3945		1,930.142 4	1,930.142 4	0.0812		1,932.172 8

Lincoln Meadows - Placer County APCD Air District, Winter

3.5 Building Construction - 2019

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	2,591.580 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	0.0000	2,591.580 2	2,591.580 2	0.6313		2,607.363 5

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	0.1341	3.8108	0.8758	8.2600e-003	0.1899	0.0224	0.2124	0.0547	0.0215	0.0762		864.2752	864.2752	0.0529		865.5981
Worker	0.5375	0.4110	3.8421	0.0107	1.1751	7.3000e-003	1.1824	0.3116	6.7300e-003	0.3184		1,065.867 3	1,065.867 3	0.0283		1,066.574 7
Total	0.6716	4.2218	4.7179	0.0190	1.3650	0.0297	1.3948	0.3663	0.0282	0.3945		1,930.142 4	1,930.142 4	0.0812		1,932.172 8

Lincoln Meadows - Placer County APCD Air District, Winter

3.5 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		2,553.063 1	2,553.063 1	0.6229		2,568.634 5
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.063 1	2,553.063 1	0.6229		2,568.634 5

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	0.1121	3.5263	0.7728	8.2000e-003	0.1899	0.0150	0.2049	0.0547	0.0143	0.0690		857.4147	857.4147	0.0490		858.6388
Worker	0.4935	0.3637	3.4348	0.0104	1.1751	7.1500e-003	1.1823	0.3116	6.5900e-003	0.3182		1,031.738 4	1,031.738 4	0.0246		1,032.352 2
Total	0.6056	3.8900	4.2075	0.0186	1.3650	0.0221	1.3872	0.3663	0.0209	0.3872		1,889.153 2	1,889.153 2	0.0735		1,890.991 0

Lincoln Meadows - Placer County APCD Air District, Winter

3.5 Building Construction - 2020

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	2,553.063 1	2,553.063 1	0.6229		2,568.634 5
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.063 1	2,553.063 1	0.6229		2,568.634 5

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	0.1121	3.5263	0.7728	8.2000e-003	0.1899	0.0150	0.2049	0.0547	0.0143	0.0690		857.4147	857.4147	0.0490		858.6388
Worker	0.4935	0.3637	3.4348	0.0104	1.1751	7.1500e-003	1.1823	0.3116	6.5900e-003	0.3182		1,031.738 4	1,031.738 4	0.0246		1,032.352 2
Total	0.6056	3.8900	4.2075	0.0186	1.3650	0.0221	1.3872	0.3663	0.0209	0.3872		1,889.153 2	1,889.153 2	0.0735		1,890.991 0

Lincoln Meadows - Placer County APCD Air District, Winter

3.5 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

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	0.0947	3.2448	0.6903	8.1300e-003	0.1899	7.3500e-003	0.1973	0.0547	7.0300e-003	0.0617		850.5214	850.5214	0.0464		851.6806
Worker	0.4605	0.3260	3.1403	9.9900e-003	1.1751	6.9600e-003	1.1821	0.3116	6.4100e-003	0.3180		995.4057	995.4057	0.0219		995.9541
Total	0.5552	3.5708	3.8306	0.0181	1.3650	0.0143	1.3793	0.3663	0.0134	0.3798		1,845.9271	1,845.9271	0.0683		1,847.6347

Lincoln Meadows - Placer County APCD Air District, Winter

3.5 Building Construction - 2021

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

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	0.0947	3.2448	0.6903	8.1300e-003	0.1899	7.3500e-003	0.1973	0.0547	7.0300e-003	0.0617		850.5214	850.5214	0.0464		851.6806
Worker	0.4605	0.3260	3.1403	9.9900e-003	1.1751	6.9600e-003	1.1821	0.3116	6.4100e-003	0.3180		995.4057	995.4057	0.0219		995.9541
Total	0.5552	3.5708	3.8306	0.0181	1.3650	0.0143	1.3793	0.3663	0.0134	0.3798		1,845.9271	1,845.9271	0.0683		1,847.6347

Lincoln Meadows - Placer County APCD Air District, Winter

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

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	0.0881	3.0832	0.6411	8.0600e-003	0.1899	6.3100e-003	0.1962	0.0547	6.0300e-003	0.0607		843.4032	843.4032	0.0439		844.5004
Worker	0.4328	0.2936	2.8903	9.6200e-003	1.1751	6.8000e-003	1.1819	0.3116	6.2600e-003	0.3179		958.9335	958.9335	0.0197		959.4253
Total	0.5209	3.3767	3.5314	0.0177	1.3650	0.0131	1.3781	0.3663	0.0123	0.3786		1,802.3367	1,802.3367	0.0636		1,803.9256

Lincoln Meadows - Placer County APCD Air District, Winter

3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

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	0.0881	3.0832	0.6411	8.0600e-003	0.1899	6.3100e-003	0.1962	0.0547	6.0300e-003	0.0607		843.4032	843.4032	0.0439		844.5004
Worker	0.4328	0.2936	2.8903	9.6200e-003	1.1751	6.8000e-003	1.1819	0.3116	6.2600e-003	0.3179		958.9335	958.9335	0.0197		959.4253
Total	0.5209	3.3767	3.5314	0.0177	1.3650	0.0131	1.3781	0.3663	0.0123	0.3786		1,802.3367	1,802.3367	0.0636		1,803.9256

Lincoln Meadows - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	3.4314	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

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	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472
Total	0.1160	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472

Lincoln Meadows - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	3.4314	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

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	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472
Total	0.1160	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472

Lincoln Meadows - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3992	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

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	0.1052	0.0804	0.7517	2.0900e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		208.5392	208.5392	5.5400e-003		208.6777
Total	0.1052	0.0804	0.7517	2.0900e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		208.5392	208.5392	5.5400e-003		208.6777

Lincoln Meadows - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3992	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

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	0.1052	0.0804	0.7517	2.0900e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		208.5392	208.5392	5.5400e-003		208.6777
Total	0.1052	0.0804	0.7517	2.0900e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		208.5392	208.5392	5.5400e-003		208.6777

Lincoln Meadows - Placer County APCD Air District, Winter

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	3.1328					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	3.3750	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

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	0.0965	0.0712	0.6720	2.0300e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		201.8619	201.8619	4.8000e-003		201.9820
Total	0.0965	0.0712	0.6720	2.0300e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		201.8619	201.8619	4.8000e-003		201.9820

Lincoln Meadows - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3750	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

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	0.0965	0.0712	0.6720	2.0300e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		201.8619	201.8619	4.8000e-003		201.9820
Total	0.0965	0.0712	0.6720	2.0300e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		201.8619	201.8619	4.8000e-003		201.9820

Lincoln Meadows - Placer County APCD Air District, Winter

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	3.1328					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	3.3517	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0901	0.0638	0.6144	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.7533	194.7533	4.2900e-003		194.8606
Total	0.0901	0.0638	0.6144	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.7533	194.7533	4.2900e-003		194.8606

Lincoln Meadows - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3517	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

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	0.0901	0.0638	0.6144	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.7533	194.7533	4.2900e-003		194.8606
Total	0.0901	0.0638	0.6144	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.7533	194.7533	4.2900e-003		194.8606

Lincoln Meadows - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	3.3373	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.0847	0.0574	0.5655	1.8800e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		187.6174	187.6174	3.8500e-003		187.7136
Total	0.0847	0.0574	0.5655	1.8800e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		187.6174	187.6174	3.8500e-003		187.7136

Lincoln Meadows - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	3.3373	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.0847	0.0574	0.5655	1.8800e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		187.6174	187.6174	3.8500e-003		187.7136
Total	0.0847	0.0574	0.5655	1.8800e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		187.6174	187.6174	3.8500e-003		187.7136

4.0 Operational Detail - Mobile

Lincoln Meadows - Placer County APCD Air District, Winter

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.7336	12.3977	17.5113	0.0568	4.1789	0.0510	4.2299	1.1199	0.0479	1.1679		5,771.8010	5,771.8010	0.3106		5,779.5670
Unmitigated	1.7671	12.7004	18.2355	0.0603	4.4886	0.0539	4.5425	1.2030	0.0507	1.2536		6,121.0298	6,121.0298	0.3186		6,128.9947

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	1,370.88	1,370.88	1370.88	2,102,491	1,957,419
Total	1,370.88	1,370.88	1,370.88	2,102,491	1,957,419

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
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	6.92	2.92	3.25	42.60	21.00	36.40	86	11	3

Lincoln Meadows - Placer County APCD Air District, Winter

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142
Single Family Housing	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575
NaturalGas Unmitigated	0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136

Lincoln Meadows - Placer County APCD Air District, 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					
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
Single Family Housing	12619.9	0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136
Total		0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136

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					
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
Single Family Housing	9.38313	0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575
Total		0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575

6.0 Area Detail

6.1 Mitigation Measures Area

Lincoln Meadows - Placer County APCD Air District, Winter

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	228.7119	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4
Unmitigated	227.2142	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4

Lincoln Meadows - Placer County APCD Air District, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8961					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.5811					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	220.3769	4.3037	272.0313	0.4928		38.1414	38.1414		38.1414	38.1414	3,999.129 2	1,677.176 5	5,676.305 7	3.6905	0.3146	5,862.308 4
Landscaping	0.3601	0.1373	11.9029	6.3000e-004		0.0658	0.0658		0.0658	0.0658		21.4127	21.4127	0.0207		21.9300
Total	227.2142	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4

Lincoln Meadows - Placer County APCD Air District, 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	0.8961					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.0788					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	220.3769	4.3037	272.0313	0.4928		38.1414	38.1414		38.1414	38.1414	3,999.129 2	1,677.176 5	5,676.305 7	3.6905	0.3146	5,862.308 4
Landscaping	0.3601	0.1373	11.9029	6.3000e-004		0.0658	0.0658		0.0658	0.0658		21.4127	21.4127	0.0207		21.9300
Total	228.7119	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Lincoln Meadows - Placer County APCD Air District, Winter

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

Lincoln Meadows - Placer County APCD Air District, Summer

Lincoln Meadows
Placer County APCD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	96.59	1000sqft	2.22	96,587.00	0
Single Family Housing	144.00	Dwelling Unit	46.75	259,200.00	373

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	384.25	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Co2 Intensity Factor adjusted for PG&E Progress towards RPS

Land Use - Applicant provided information

Construction Phase - assumed paving phase before building construction phase; architectural coating assumed to overlap with building construction phase

Grading - project construction anticipated to disturb approx. 35.22 acres

Vehicle Trips - VMT adjusted per actual project VMT data provided by Fehr & Peers

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - 2016 Title 24 compliance

Lincoln Meadows - Placer County APCD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	55.00	1,044.00
tblConstructionPhase	NumDays	740.00	1,044.00
tblConstructionPhase	NumDays	75.00	45.00
tblConstructionPhase	NumDays	55.00	6.00
tblConstructionPhase	NumDays	30.00	20.00
tblGrading	AcresOfGrading	112.50	35.22
tblLandUse	BuildingSpaceSquareFeet	96,590.00	96,587.00
tblLandUse	LandUseSquareFeet	96,590.00	96,587.00
tblLandUse	Population	412.00	373.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	384.25
tblProjectCharacteristics	OperationalYear	2018	2022
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	HO_TL	7.90	3.25
tblVehicleTrips	HS_TL	7.10	2.92
tblVehicleTrips	HW_TL	16.80	6.92
tblVehicleTrips	ST_TR	9.91	9.52
tblVehicleTrips	SU_TR	8.62	9.52

2.0 Emissions Summary

Lincoln Meadows - Placer County APCD Air District, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	6.9488	59.6027	36.1583	0.0647	18.2962	2.6353	20.8745	9.9917	2.4245	12.3637	0.0000	6,512.936 4	6,512.936 4	1.9517	0.0000	6,561.728 5
2019	6.5170	27.0766	25.0100	0.0528	1.5950	1.4492	3.0442	0.4273	1.3704	1.7977	0.0000	5,201.937 2	5,201.937 2	0.7398	0.0000	5,220.431 6
2020	6.1781	24.7155	24.0752	0.0523	1.5950	1.2511	2.8460	0.4273	1.1831	1.6103	0.0000	5,110.832 8	5,110.832 8	0.7210	0.0000	5,128.857 2
2021	5.8794	22.5002	23.3302	0.0518	1.5949	1.0680	2.6630	0.4273	1.0097	1.4370	0.0000	5,055.355 1	5,055.355 1	0.7058	0.0000	5,073.001 2
2022	5.6305	20.3782	22.7484	0.0512	1.5949	0.9048	2.4997	0.4273	0.8561	1.2833	0.0000	5,000.145 5	5,000.145 5	0.6956	0.0000	5,017.534 9
Maximum	6.9488	59.6027	36.1583	0.0647	18.2962	2.6353	20.8745	9.9917	2.4245	12.3637	0.0000	6,512.936 4	6,512.936 4	1.9517	0.0000	6,561.728 5

Lincoln Meadows - Placer County APCD Air District, 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	227.2142	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4
Energy	0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.690 8	1,484.690 8	0.0285	0.0272	1,493.513 6
Mobile	2.2826	12.4434	17.5877	0.0657	4.4886	0.0525	4.5411	1.2030	0.0493	1.2522		6,670.393 2	6,670.393 2	0.2954		6,677.777 7
Total	229.6328	18.0474	302.0168	0.5666	4.4886	38.3537	42.8423	1.2030	38.3505	39.5534	3,999.129 2	9,853.673 2	13,852.80 24	4.0351	0.3418	14,055.52 97

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	228.7119	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4
Energy	0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.897 6	1,103.897 6	0.0212	0.0202	1,110.457 5
Mobile	2.2485	12.1717	16.7264	0.0620	4.1789	0.0496	4.2285	1.1199	0.0466	1.1665		6,292.362 2	6,292.362 2	0.2868		6,299.532 6
Total	231.0615	17.4773	301.0286	0.5610	4.1789	38.3266	42.5055	1.1199	38.3236	39.4435	3,999.129 2	9,094.848 9	13,093.97 82	4.0192	0.3348	13,294.22 85

Lincoln Meadows - Placer County APCD Air District, 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	-0.62	3.16	0.33	1.00	6.90	0.07	0.79	6.90	0.07	0.28	0.00	7.70	5.48	0.39	2.04	5.42

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	4/2/2018	4/27/2018	5	20	
2	Grading	Grading	4/28/2018	6/29/2018	5	45	
3	Paving	Paving	6/30/2018	7/9/2018	5	6	
4	Building Construction	Building Construction	7/10/2018	7/8/2022	5	1044	
5	Architectural Coating	Architectural Coating	7/24/2018	7/22/2022	5	1044	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 35.22

Acres of Paving: 2.22

Residential Indoor: 524,880; Residential Outdoor: 174,960; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 5,795 (Architectural Coating – sqft)

OffRoad Equipment

Lincoln Meadows - Placer County APCD Air District, Summer

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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	92.00	31.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Lincoln Meadows - Placer County APCD Air District, Summer

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708		3,831.6239	3,831.6239	1.1928		3,861.4448
Total	4.5627	48.1988	22.4763	0.0380	18.0663	2.5769	20.6432	9.9307	2.3708	12.3014		3,831.6239	3,831.6239	1.1928		3,861.4448

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	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307
Total	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307

Lincoln Meadows - Placer County APCD Air District, Summer

3.2 Site Preparation - 2018

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	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708	0.0000	3,831.6239	3,831.6239	1.1928		3,861.4448
Total	4.5627	48.1988	22.4763	0.0380	18.0663	2.5769	20.6432	9.9307	2.3708	12.3014	0.0000	3,831.6239	3,831.6239	1.1928		3,861.4448

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	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307
Total	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307

Lincoln Meadows - Placer County APCD Air District, Summer

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8521	0.0000	6.8521	3.3999	0.0000	3.3999			0.0000			0.0000
Off-Road	5.0901	59.5218	35.0894	0.0620		2.6337	2.6337		2.4230	2.4230		6,244.4284	6,244.4284	1.9440		6,293.0278
Total	5.0901	59.5218	35.0894	0.0620	6.8521	2.6337	9.4858	3.3999	2.4230	5.8229		6,244.4284	6,244.4284	1.9440		6,293.0278

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	0.1262	0.0809	1.0689	2.7000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		268.5080	268.5080	7.7100e-003		268.7007
Total	0.1262	0.0809	1.0689	2.7000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		268.5080	268.5080	7.7100e-003		268.7007

Lincoln Meadows - Placer County APCD Air District, Summer

3.3 Grading - 2018

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					6.8521	0.0000	6.8521	3.3999	0.0000	3.3999			0.0000			0.0000
Off-Road	5.0901	59.5218	35.0894	0.0620		2.6337	2.6337		2.4230	2.4230	0.0000	6,244.4284	6,244.4284	1.9440		6,293.0278
Total	5.0901	59.5218	35.0894	0.0620	6.8521	2.6337	9.4858	3.3999	2.4230	5.8229	0.0000	6,244.4284	6,244.4284	1.9440		6,293.0278

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	0.1262	0.0809	1.0689	2.7000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		268.5080	268.5080	7.7100e-003		268.7007
Total	0.1262	0.0809	1.0689	2.7000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		268.5080	268.5080	7.7100e-003		268.7007

Lincoln Meadows - Placer County APCD Air District, Summer

3.4 Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6437	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797		2,294.0887	2,294.0887	0.7142		2,311.9432
Paving	0.9694					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6131	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797		2,294.0887	2,294.0887	0.7142		2,311.9432

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	0.0947	0.0607	0.8017	2.0200e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		201.3810	201.3810	5.7800e-003		201.5256
Total	0.0947	0.0607	0.8017	2.0200e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		201.3810	201.3810	5.7800e-003		201.5256

Lincoln Meadows - Placer County APCD Air District, Summer

3.4 Paving - 2018

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	1.6437	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797	0.0000	2,294.0887	2,294.0887	0.7142		2,311.9432
Paving	0.9694					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6131	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797	0.0000	2,294.0887	2,294.0887	0.7142		2,311.9432

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	0.0947	0.0607	0.8017	2.0200e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		201.3810	201.3810	5.7800e-003		201.5256
Total	0.0947	0.0607	0.8017	2.0200e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		201.3810	201.3810	5.7800e-003		201.5256

Lincoln Meadows - Placer County APCD Air District, Summer

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883

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	0.1437	3.9854	0.8082	8.6400e-003	0.1899	0.0269	0.2169	0.0547	0.0258	0.0805		903.8422	903.8422	0.0494		905.0769
Worker	0.5807	0.3721	4.9170	0.0124	1.1751	7.3700e-003	1.1825	0.3116	6.8000e-003	0.3184		1,235.1366	1,235.1366	0.0355		1,236.0234
Total	0.7243	4.3576	5.7252	0.0211	1.3650	0.0343	1.3994	0.3663	0.0326	0.3989		2,138.9787	2,138.9787	0.0849		2,141.1003

Lincoln Meadows - Placer County APCD Air District, Summer

3.5 Building Construction - 2018

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	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.935 1	2,620.935 1	0.6421		2,636.988 3
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.935 1	2,620.935 1	0.6421		2,636.988 3

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	0.1437	3.9854	0.8082	8.6400e-003	0.1899	0.0269	0.2169	0.0547	0.0258	0.0805		903.8422	903.8422	0.0494		905.0769
Worker	0.5807	0.3721	4.9170	0.0124	1.1751	7.3700e-003	1.1825	0.3116	6.8000e-003	0.3184		1,235.136 6	1,235.136 6	0.0355		1,236.023 4
Total	0.7243	4.3576	5.7252	0.0211	1.3650	0.0343	1.3994	0.3663	0.0326	0.3989		2,138.978 7	2,138.978 7	0.0849		2,141.100 3

Lincoln Meadows - Placer County APCD Air District, Summer

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

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	0.1267	3.7711	0.7194	8.5700e-003	0.1899	0.0218	0.2118	0.0547	0.0209	0.0756		896.3032	896.3032	0.0469		897.4754
Worker	0.5268	0.3273	4.4206	0.0120	1.1751	7.3000e-003	1.1824	0.3116	6.7300e-003	0.3184		1,198.1794	1,198.1794	0.0316		1,198.9694
Total	0.6535	4.0983	5.1400	0.0206	1.3650	0.0291	1.3942	0.3663	0.0276	0.3939		2,094.4826	2,094.4826	0.0785		2,096.4448

Lincoln Meadows - Placer County APCD Air District, Summer

3.5 Building Construction - 2019

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	2,591.580 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	0.0000	2,591.580 2	2,591.580 2	0.6313		2,607.363 5

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	0.1267	3.7711	0.7194	8.5700e-003	0.1899	0.0218	0.2118	0.0547	0.0209	0.0756		896.3032	896.3032	0.0469		897.4754
Worker	0.5268	0.3273	4.4206	0.0120	1.1751	7.3000e-003	1.1824	0.3116	6.7300e-003	0.3184		1,198.179 4	1,198.179 4	0.0316		1,198.969 4
Total	0.6535	4.0983	5.1400	0.0206	1.3650	0.0291	1.3942	0.3663	0.0276	0.3939		2,094.482 6	2,094.482 6	0.0785		2,096.444 8

Lincoln Meadows - Placer County APCD Air District, Summer

3.5 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

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	0.1055	3.4990	0.6317	8.5000e-003	0.1899	0.0145	0.2045	0.0547	0.0139	0.0686		889.5028	889.5028	0.0433		890.5840
Worker	0.4833	0.2900	3.9841	0.0116	1.1751	7.1500e-003	1.1823	0.3116	6.5900e-003	0.3182		1,159.8849	1,159.8849	0.0277		1,160.5766
Total	0.5887	3.7889	4.6158	0.0201	1.3650	0.0217	1.3867	0.3663	0.0205	0.3868		2,049.3877	2,049.3877	0.0709		2,051.1606

Lincoln Meadows - Placer County APCD Air District, Summer

3.5 Building Construction - 2020

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	2,553.063 1	2,553.063 1	0.6229		2,568.634 5
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.063 1	2,553.063 1	0.6229		2,568.634 5

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	0.1055	3.4990	0.6317	8.5000e-003	0.1899	0.0145	0.2045	0.0547	0.0139	0.0686		889.5028	889.5028	0.0433		890.5840
Worker	0.4833	0.2900	3.9841	0.0116	1.1751	7.1500e-003	1.1823	0.3116	6.5900e-003	0.3182		1,159.884 9	1,159.884 9	0.0277		1,160.576 6
Total	0.5887	3.7889	4.6158	0.0201	1.3650	0.0217	1.3867	0.3663	0.0205	0.3868		2,049.387 7	2,049.387 7	0.0709		2,051.160 6

Lincoln Meadows - Placer County APCD Air District, Summer

3.5 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

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	0.0885	3.2303	0.5595	8.4300e-003	0.1899	6.9600e-003	0.1969	0.0547	6.6600e-003	0.0613		882.6067	882.6067	0.0409		883.6282
Worker	0.4502	0.2601	3.6616	0.0112	1.1751	6.9600e-003	1.1821	0.3116	6.4100e-003	0.3180		1,119.0014	1,119.0014	0.0248		1,119.6214
Total	0.5387	3.4904	4.2211	0.0197	1.3650	0.0139	1.3790	0.3663	0.0131	0.3794		2,001.6081	2,001.6081	0.0657		2,003.2497

Lincoln Meadows - Placer County APCD Air District, Summer

3.5 Building Construction - 2021

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

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	0.0885	3.2303	0.5595	8.4300e-003	0.1899	6.9600e-003	0.1969	0.0547	6.6600e-003	0.0613		882.6067	882.6067	0.0409		883.6282
Worker	0.4502	0.2601	3.6616	0.0112	1.1751	6.9600e-003	1.1821	0.3116	6.4100e-003	0.3180		1,119.0014	1,119.0014	0.0248		1,119.6214
Total	0.5387	3.4904	4.2211	0.0197	1.3650	0.0139	1.3790	0.3663	0.0131	0.3794		2,001.6081	2,001.6081	0.0657		2,003.2497

Lincoln Meadows - Placer County APCD Air District, Summer

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

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	0.0823	3.0740	0.5192	8.3700e-003	0.1899	5.9500e-003	0.1959	0.0547	5.6900e-003	0.0604		875.5392	875.5392	0.0386		876.5047
Worker	0.4221	0.2343	3.3891	0.0108	1.1751	6.8000e-003	1.1819	0.3116	6.2600e-003	0.3179		1,077.9262	1,077.9262	0.0223		1,078.4841
Total	0.5044	3.3083	3.9083	0.0192	1.3650	0.0128	1.3778	0.3663	0.0120	0.3783		1,953.4653	1,953.4653	0.0609		1,954.9888

Lincoln Meadows - Placer County APCD Air District, Summer

3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

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	0.0823	3.0740	0.5192	8.3700e-003	0.1899	5.9500e-003	0.1959	0.0547	5.6900e-003	0.0604		875.5392	875.5392	0.0386		876.5047
Worker	0.4221	0.2343	3.3891	0.0108	1.1751	6.8000e-003	1.1819	0.3116	6.2600e-003	0.3179		1,077.9262	1,077.9262	0.0223		1,078.4841
Total	0.5044	3.3083	3.9083	0.0192	1.3650	0.0128	1.3778	0.3663	0.0120	0.3783		1,953.4653	1,953.4653	0.0609		1,954.9888

Lincoln Meadows - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	3.4314	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

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	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307
Total	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307

Lincoln Meadows - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	3.4314	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

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	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307
Total	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307

Lincoln Meadows - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3992	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

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	0.1031	0.0640	0.8649	2.3500e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		234.4264	234.4264	6.1800e-003		234.5810
Total	0.1031	0.0640	0.8649	2.3500e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		234.4264	234.4264	6.1800e-003		234.5810

Lincoln Meadows - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3992	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

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	0.1031	0.0640	0.8649	2.3500e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		234.4264	234.4264	6.1800e-003		234.5810
Total	0.1031	0.0640	0.8649	2.3500e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		234.4264	234.4264	6.1800e-003		234.5810

Lincoln Meadows - Placer County APCD Air District, Summer

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	3.1328					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	3.3750	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

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	0.0946	0.0567	0.7795	2.2800e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		226.9340	226.9340	5.4100e-003		227.0693
Total	0.0946	0.0567	0.7795	2.2800e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		226.9340	226.9340	5.4100e-003		227.0693

Lincoln Meadows - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3750	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

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	0.0946	0.0567	0.7795	2.2800e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		226.9340	226.9340	5.4100e-003		227.0693
Total	0.0946	0.0567	0.7795	2.2800e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		226.9340	226.9340	5.4100e-003		227.0693

Lincoln Meadows - Placer County APCD Air District, Summer

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	3.1328					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	3.3517	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0881	0.0509	0.7164	2.2000e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		218.9351	218.9351	4.8500e-003		219.0564
Total	0.0881	0.0509	0.7164	2.2000e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		218.9351	218.9351	4.8500e-003		219.0564

Lincoln Meadows - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3517	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

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	0.0881	0.0509	0.7164	2.2000e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		218.9351	218.9351	4.8500e-003		219.0564
Total	0.0881	0.0509	0.7164	2.2000e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		218.9351	218.9351	4.8500e-003		219.0564

Lincoln Meadows - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	3.3373	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.0826	0.0458	0.6631	2.1200e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		210.8986	210.8986	4.3700e-003		211.0078
Total	0.0826	0.0458	0.6631	2.1200e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		210.8986	210.8986	4.3700e-003		211.0078

Lincoln Meadows - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	3.3373	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.0826	0.0458	0.6631	2.1200e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		210.8986	210.8986	4.3700e-003		211.0078
Total	0.0826	0.0458	0.6631	2.1200e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		210.8986	210.8986	4.3700e-003		211.0078

4.0 Operational Detail - Mobile

Lincoln Meadows - Placer County APCD Air District, Summer

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.2485	12.1717	16.7264	0.0620	4.1789	0.0496	4.2285	1.1199	0.0466	1.1665		6,292.362 2	6,292.362 2	0.2868		6,299.532 6
Unmitigated	2.2826	12.4434	17.5877	0.0657	4.4886	0.0525	4.5411	1.2030	0.0493	1.2522		6,670.393 2	6,670.393 2	0.2954		6,677.777 7

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	1,370.88	1,370.88	1370.88	2,102,491	1,957,419
Total	1,370.88	1,370.88	1,370.88	2,102,491	1,957,419

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
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	6.92	2.92	3.25	42.60	21.00	36.40	86	11	3

Lincoln Meadows - Placer County APCD Air District, Summer

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142
Single Family Housing	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575
NaturalGas Unmitigated	0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136

Lincoln Meadows - Placer County APCD Air District, 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					
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
Single Family Housing	12619.9	0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136
Total		0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136

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					
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
Single Family Housing	9.38313	0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575
Total		0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575

6.0 Area Detail

6.1 Mitigation Measures Area

Lincoln Meadows - Placer County APCD Air District, Summer

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	228.7119	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4
Unmitigated	227.2142	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4

Lincoln Meadows - Placer County APCD Air District, Summer

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	0.8961					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.5811					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	220.3769	4.3037	272.0313	0.4928		38.1414	38.1414		38.1414	38.1414	3,999.129 2	1,677.176 5	5,676.305 7	3.6905	0.3146	5,862.308 4
Landscaping	0.3601	0.1373	11.9029	6.3000e-004		0.0658	0.0658		0.0658	0.0658		21.4127	21.4127	0.0207		21.9300
Total	227.2142	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4

Lincoln Meadows - Placer County APCD Air District, 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	0.8961					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.0788					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	220.3769	4.3037	272.0313	0.4928		38.1414	38.1414		38.1414	38.1414	3,999.129 2	1,677.176 5	5,676.305 7	3.6905	0.3146	5,862.308 4
Landscaping	0.3601	0.1373	11.9029	6.3000e-004		0.0658	0.0658		0.0658	0.0658		21.4127	21.4127	0.0207		21.9300
Total	228.7119	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Lincoln Meadows - Placer County APCD Air District, Summer

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

Lincoln Meadows

Placer County APCD Air District, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Cranes	Diesel	No Change	0	1	No Change	0.00
Excavators	Diesel	No Change	0	2	No Change	0.00
Forklifts	Diesel	No Change	0	3	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Graders	Diesel	No Change	0	1	No Change	0.00
Pavers	Diesel	No Change	0	2	No Change	0.00
Paving Equipment	Diesel	No Change	0	2	No Change	0.00
Rollers	Diesel	No Change	0	2	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	4	No Change	0.00
Scrapers	Diesel	No Change	0	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	9	No Change	0.00
Welders	Diesel	No Change	0	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	1.27060E-001	8.76800E-001	9.55500E-001	1.55000E-003	5.82000E-002	5.82000E-002	0.00000E+000	1.33280E+002	1.33280E+002	1.02900E-002	0.00000E+000	1.33537E+002
Cranes	2.09910E-001	2.47781E+000	9.80410E-001	2.63000E-003	1.03440E-001	9.51700E-002	0.00000E+000	2.33904E+002	2.33904E+002	7.48800E-002	0.00000E+000	2.35776E+002
Excavators	1.30100E-002	1.39310E-001	1.47400E-001	2.30000E-004	6.76000E-003	6.22000E-003	0.00000E+000	2.12112E+001	2.12112E+001	6.60000E-003	0.00000E+000	2.13763E+001
Forklifts	2.26250E-001	2.03956E+000	1.84932E+000	2.39000E-003	1.51790E-001	1.39640E-001	0.00000E+000	2.12448E+002	2.12448E+002	6.80200E-002	0.00000E+000	2.14148E+002
Generator Sets	2.10720E-001	1.81664E+000	1.93447E+000	3.43000E-003	1.03360E-001	1.03360E-001	0.00000E+000	2.95038E+002	2.95038E+002	1.69700E-002	0.00000E+000	2.95462E+002
Graders	1.16900E-002	1.60370E-001	4.30800E-002	1.50000E-004	5.21000E-003	4.80000E-003	0.00000E+000	1.36745E+001	1.36745E+001	4.26000E-003	0.00000E+000	1.37809E+001
Pavers	1.96000E-003	2.16500E-002	1.75600E-002	3.00000E-005	1.06000E-003	9.70000E-004	0.00000E+000	2.57531E+000	2.57531E+000	8.00000E-004	0.00000E+000	2.59536E+000
Paving Equipment	1.43000E-003	1.59500E-002	1.52200E-002	2.00000E-005	7.80000E-004	7.20000E-004	0.00000E+000	2.23170E+000	2.23170E+000	6.90000E-004	0.00000E+000	2.24907E+000
Rollers	1.55000E-003	1.49600E-002	1.16100E-002	2.00000E-005	1.03000E-003	9.50000E-004	0.00000E+000	1.43647E+000	1.43647E+000	4.50000E-004	0.00000E+000	1.44765E+000
Rubber Tired Dozers	6.12200E-002	6.59400E-001	2.29770E-001	4.50000E-004	3.20500E-002	2.94900E-002	0.00000E+000	4.09677E+001	4.09677E+001	1.27500E-002	0.00000E+000	4.12865E+001
Scrapers	5.16100E-002	6.38620E-001	3.95400E-001	6.80000E-004	2.51700E-002	2.31500E-002	0.00000E+000	6.22473E+001	6.22473E+001	1.93800E-002	0.00000E+000	6.27318E+001
Tractors/Loaders/Backhoes	3.11410E-001	3.12590E+000	3.32554E+000	4.52000E-003	1.99890E-001	1.83900E-001	0.00000E+000	4.02003E+002	4.02003E+002	1.28490E-001	0.00000E+000	4.05215E+002
Welders	1.80860E-001	8.18590E-001	9.22280E-001	1.33000E-003	4.54700E-002	4.54700E-002	0.00000E+000	9.82512E+001	9.82512E+001	1.47300E-002	0.00000E+000	9.86193E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	1.27060E-001	8.76800E-001	9.55500E-001	1.55000E-003	5.82000E-002	5.82000E-002	0.00000E+000	1.33280E+002	1.33280E+002	1.02900E-002	0.00000E+000	1.33537E+002
Cranes	2.09910E-001	2.47780E+000	9.80410E-001	2.63000E-003	1.03440E-001	9.51700E-002	0.00000E+000	2.33903E+002	2.33903E+002	7.48800E-002	0.00000E+000	2.35776E+002
Excavators	1.30100E-002	1.39310E-001	1.47400E-001	2.30000E-004	6.76000E-003	6.22000E-003	0.00000E+000	2.12112E+001	2.12112E+001	6.60000E-003	0.00000E+000	2.13762E+001
Forklifts	2.26250E-001	2.03956E+000	1.84932E+000	2.39000E-003	1.51790E-001	1.39640E-001	0.00000E+000	2.12447E+002	2.12447E+002	6.80200E-002	0.00000E+000	2.14148E+002
Generator Sets	2.10720E-001	1.81664E+000	1.93447E+000	3.43000E-003	1.03360E-001	1.03360E-001	0.00000E+000	2.95038E+002	2.95038E+002	1.69700E-002	0.00000E+000	2.95462E+002
Graders	1.16900E-002	1.60370E-001	4.30800E-002	1.50000E-004	5.21000E-003	4.80000E-003	0.00000E+000	1.36745E+001	1.36745E+001	4.26000E-003	0.00000E+000	1.37809E+001
Pavers	1.96000E-003	2.16500E-002	1.75600E-002	3.00000E-005	1.06000E-003	9.70000E-004	0.00000E+000	2.57531E+000	2.57531E+000	8.00000E-004	0.00000E+000	2.59535E+000
Paving Equipment	1.43000E-003	1.59500E-002	1.52200E-002	2.00000E-005	7.80000E-004	7.20000E-004	0.00000E+000	2.23170E+000	2.23170E+000	6.90000E-004	0.00000E+000	2.24907E+000
Rollers	1.55000E-003	1.49600E-002	1.16100E-002	2.00000E-005	1.03000E-003	9.50000E-004	0.00000E+000	1.43647E+000	1.43647E+000	4.50000E-004	0.00000E+000	1.44765E+000
Rubber Tired Dozers	6.12200E-002	6.59400E-001	2.29760E-001	4.50000E-004	3.20500E-002	2.94900E-002	0.00000E+000	4.09676E+001	4.09676E+001	1.27500E-002	0.00000E+000	4.12864E+001
Scrapers	5.16100E-002	6.38620E-001	3.95400E-001	6.80000E-004	2.51700E-002	2.31500E-002	0.00000E+000	6.22473E+001	6.22473E+001	1.93800E-002	0.00000E+000	6.27317E+001
Tractors/Loaders/Balkhoes	3.11410E-001	3.12590E+000	3.32553E+000	4.52000E-003	1.99890E-001	1.83900E-001	0.00000E+000	4.02003E+002	4.02003E+002	1.28490E-001	0.00000E+000	4.05215E+002
Welders	1.80860E-001	8.18590E-001	9.22280E-001	1.33000E-003	4.54700E-002	4.54700E-002	0.00000E+000	9.82511E+001	9.82511E+001	1.47300E-002	0.00000E+000	9.86192E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20048E-006	1.20048E-006	0.00000E+000	0.00000E+000	1.19817E-006
Cranes	0.00000E+000	4.03582E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.19707E-006	1.19707E-006	0.00000E+000	0.00000E+000	1.18757E-006
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.42899E-007	9.42899E-007	0.00000E+000	0.00000E+000	1.40343E-006
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.17676E-006	1.17676E-006	0.00000E+000	0.00000E+000	1.21411E-006
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18629E-006	1.18629E-006	0.00000E+000	0.00000E+000	1.18458E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.46258E-006	1.46258E-006	0.00000E+000	0.00000E+000	1.45128E-006
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	3.85303E-006
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	4.35218E-005	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.22048E-006	1.22048E-006	0.00000E+000	0.00000E+000	1.21105E-006
Scrapers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.12455E-006	1.12455E-006	0.00000E+000	0.00000E+000	1.11586E-006
Tractors/Loaders/Balckhoes	0.00000E+000	0.00000E+000	3.00703E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.19402E-006	1.19402E-006	0.00000E+000	0.00000E+000	1.18456E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.22136E-006	1.22136E-006	0.00000E+000	0.00000E+000	1.21680E-006

Fugitive Dust Mitigation

Yes/No Mitigation Measure Mitigation Input Mitigation Input Mitigation Input

No	Soil Stabilizer for unpaved Roads	PM10 Reduction	PM2.5 Reduction	
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	PM2.5 Reduction	
No	Water Exposed Area	PM10 Reduction	PM2.5 Reduction	Frequency (per day)

No	Unpaved Road Mitigation	Moisture Content %		Vehicle Speed (mph)			
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.11	0.03	0.11	0.03	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.68	0.18	0.68	0.18	0.00	0.00
Grading	Fugitive Dust	0.15	0.08	0.15	0.08	0.00	0.00
Grading	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Fugitive Dust	0.18	0.10	0.18	0.10	0.00	0.00
Site Preparation	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	7.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.38	2.38	2.39	2.25	2.38
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	1.81	2.31	4.31	5.60	5.49	5.41	0.00	5.65	5.65	2.66	0.00	5.65
Natural Gas	25.64	25.65	25.65	25.19	25.64	25.64	0.00	25.65	25.65	25.69	25.72	25.65
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting: Low Density Suburban

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.06	0.26		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
Yes	Land Use	Increase Transit Accessibility	0.06	1.21		
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.05			

Yes	Neighborhood Enhancements	Improve Pedestrian Network	2.00	Project Site and Connecting Off-Site	
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.02		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.07		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"	3.00		
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program	5.00		
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.07		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
Yes	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	100.00
Yes	Use Low VOC Paint (Residential Exterior)	100.00
Yes	Use Low VOC Paint (Non-residential Interior)	100.00
Yes	Use Low VOC Paint (Non-residential Exterior)	100.00
Yes	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Exceed Title 24	28.00	
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
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Institute Recycling and Composting Services Percent Reduction in Waste Disposed	
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Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summary Report

Lincoln Meadows (Mitigated)
Placer County APCD, Summary Report

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	96.59	1000sqft	2.22	96,587.00	0
Single Family Housing	144.00	Dwelling Unit	46.75	259,200.00	373

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2	Operational Year		2022	
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	384.25	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments

Only CalEEMod defaults were used.

Project Characteristics - Co2 Intensity Factor adjusted for PG&E Progress towards RPS

Land Use - Applicant provided information

Construction Phase - assumed paving phase before building construction phase; architectural coating assumed to overlap with building construction phase

Grading - project construction anticipated to disturb approx. 35.22 acres

Vehicle Trips - VMT adjusted per actual project VMT data provided by Fehr & Peers

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - 2016 Title 24 compliance

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summary Report

Peak Daily Operational Emissions

Peak Daily Operational Emissions

		Unmitigated						Mitigated					
		ROG	NOX	CO	SO2	PM10	PM2.5	ROG	NOX	CO	SO2	PM10	PM2.5
	Operational Activity	lb/day											
On-Site	Area	227.2142 S	4.4410 S	283.9342 S	0.4935 S	38.2071 S	38.2071 S	8.5866 S	2.2871 S	12.8177 S	0.0144 S	0.2396 S	0.2396 S
On-Site	Energy	0.1361 S	1.1630 S	0.4949 S	7.4200e-003 S	0.0940 S	0.0940 S	0.1012 S	0.8647 S	0.3680 S	5.5200e-003 S	0.0699 S	0.0699 S
Off-Site	Mobile	2.2826 S	12.7004 W	18.2355 W	0.0657 S	4.5425 W	1.2536 W	2.2485 S	12.3977 W	17.5113 W	0.0620 S	4.2299 W	1.1679 W
	Peak Daily Total	229.6328 S	18.3044 W	302.6646 W	0.5666 S	42.8437 W	39.5548 W	10.9362 S	15.5496 W	30.6970 W	0.0818 S	4.5394 W	1.4773 W
	Air District Threshold												
	Exceed Significance?												

3.0 Annual GHG Emissions

Annual GHG

Annual GHG

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

Lincoln Meadows (Mitigated)
Placer County APCD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	96.59	1000sqft	2.22	96,587.00	0
Single Family Housing	144.00	Dwelling Unit	46.75	259,200.00	373

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2	Operational Year		2022	
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	384.25	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Co2 Intensity Factor adjusted for PG&E Progress towards RPS

Land Use - Applicant provided information

Construction Phase - assumed paving phase before building construction phase; architectural coating assumed to overlap with building construction phase

Grading - project construction anticipated to disturb approx. 35.22 acres

Vehicle Trips - VMT adjusted per actual project VMT data provided by Fehr & Peers

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - 2016 Title 24 compliance

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	55.00	1,044.00
tblConstructionPhase	NumDays	740.00	1,044.00
tblConstructionPhase	NumDays	75.00	45.00
tblConstructionPhase	NumDays	55.00	6.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	PhaseEndDate	11/26/2021	7/22/2022
tblConstructionPhase	PhaseEndDate	6/25/2021	7/8/2022
tblConstructionPhase	PhaseEndDate	8/24/2018	6/29/2018
tblConstructionPhase	PhaseEndDate	9/10/2021	7/9/2018
tblConstructionPhase	PhaseEndDate	5/11/2018	4/27/2018
tblConstructionPhase	PhaseStartDate	9/11/2021	7/24/2018
tblConstructionPhase	PhaseStartDate	8/25/2018	7/10/2018
tblConstructionPhase	PhaseStartDate	5/12/2018	4/28/2018
tblConstructionPhase	PhaseStartDate	6/26/2021	6/30/2018
tblGrading	AcresOfGrading	112.50	35.22
tblLandUse	BuildingSpaceSquareFeet	96,590.00	96,587.00
tblLandUse	LandUseSquareFeet	96,590.00	96,587.00
tblLandUse	Population	412.00	373.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	384.25
tblProjectCharacteristics	OperationalYear	2018	2022
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	HO_TL	7.90	3.25
tblVehicleTrips	HS_TL	7.10	2.92
tblVehicleTrips	HW_TL	16.80	6.92
tblVehicleTrips	ST_TR	9.91	9.52

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

tblVehicleTrips	SU_TR	8.62	9.52
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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.5855	3.7386	2.6679	5.1500e-003	0.4374	0.1926	0.6300	0.2034	0.1798	0.3832	0.0000	465.1072	465.1072	0.0956	0.0000	467.4968
2019	0.8445	3.5481	3.1827	6.7100e-003	0.1992	0.1892	0.3883	0.0536	0.1789	0.2324	0.0000	599.3400	599.3400	0.0875	0.0000	601.5272
2020	0.8039	3.2501	3.0778	6.6700e-003	0.1999	0.1639	0.3638	0.0538	0.1550	0.2088	0.0000	591.2779	591.2779	0.0856	0.0000	593.4181
2021	0.7623	2.9465	2.9734	6.5800e-003	0.1992	0.1394	0.3386	0.0536	0.1318	0.1853	0.0000	582.9665	582.9665	0.0835	0.0000	585.0543
2022	0.3947	1.3875	1.5125	3.3900e-003	0.1041	0.0615	0.1656	0.0280	0.0582	0.0862	0.0000	300.5699	300.5699	0.0427	0.0000	301.6368
Maximum	0.8445	3.7386	3.1827	6.7100e-003	0.4374	0.1926	0.6300	0.2034	0.1798	0.3832	0.0000	599.3400	599.3400	0.0956	0.0000	601.5272

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.5855	3.7386	2.6679	5.1500e-003	0.4374	0.1926	0.6300	0.2034	0.1798	0.3832	0.0000	465.1068	465.1068	0.0956	0.0000	467.4964
2019	0.8445	3.5481	3.1827	6.7100e-003	0.1992	0.1892	0.3883	0.0536	0.1789	0.2324	0.0000	599.3396	599.3396	0.0875	0.0000	601.5268
2020	0.8039	3.2501	3.0778	6.6700e-003	0.1999	0.1639	0.3638	0.0538	0.1550	0.2088	0.0000	591.2775	591.2775	0.0856	0.0000	593.4177
2021	0.7623	2.9465	2.9734	6.5800e-003	0.1992	0.1394	0.3386	0.0536	0.1318	0.1853	0.0000	582.9661	582.9661	0.0835	0.0000	585.0539
2022	0.3947	1.3875	1.5125	3.3900e-003	0.1041	0.0615	0.1656	0.0280	0.0582	0.0862	0.0000	300.5697	300.5697	0.0427	0.0000	301.6366
Maximum	0.8445	3.7386	3.1827	6.7100e-003	0.4374	0.1926	0.6300	0.2034	0.1798	0.3832	0.0000	599.3396	599.3396	0.0956	0.0000	601.5268

	ROG	NOx	CO	SO2	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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-2-2018	7-1-2018	1.9646	1.9646
2	7-2-2018	10-1-2018	1.1332	1.1332
3	10-2-2018	1-1-2019	1.2133	1.2133
4	1-2-2019	4-1-2019	1.0849	1.0849
5	4-2-2019	7-1-2019	1.0918	1.0918
6	7-2-2019	10-1-2019	1.1038	1.1038

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7	10-2-2019	1-1-2020	1.1081	1.1081
8	1-2-2020	4-1-2020	1.0084	1.0084
9	4-2-2020	7-1-2020	1.0040	1.0040
10	7-2-2020	10-1-2020	1.0151	1.0151
11	10-2-2020	1-1-2021	1.0186	1.0186
12	1-2-2021	4-1-2021	0.9158	0.9158
13	4-2-2021	7-1-2021	0.9223	0.9223
14	7-2-2021	10-1-2021	0.9325	0.9325
15	10-2-2021	1-1-2022	0.9353	0.9353
16	1-2-2022	4-1-2022	0.8391	0.8391
17	4-2-2022	7-1-2022	0.8453	0.8453
18	7-2-2022	9-30-2022	0.0894	0.0894
		Highest	1.9646	1.9646

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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	tons/yr										MT/yr					
Area	10.2499	0.1888	12.2245	0.0203		1.5697	1.5697		1.5697	1.5697	148.7459	64.1301	212.8761	0.1390	0.0117	219.8366
Energy	0.0248	0.2123	0.0903	1.3500e-003		0.0172	0.0172		0.0172	0.0172	0.0000	473.1510	473.1510	0.0219	8.0600e-003	476.0985
Mobile	0.3346	2.3032	3.1116	0.0112	0.7817	9.6500e-003	0.7914	0.2103	9.0600e-003	0.2194	0.0000	1,036.0847	1,036.0847	0.0500	0.0000	1,037.3344
Waste						0.0000	0.0000		0.0000	0.0000	27.2576	0.0000	27.2576	1.6109	0.0000	67.5296
Water						0.0000	0.0000		0.0000	0.0000	2.9765	12.4565	15.4331	0.3067	7.4100e-003	25.3087
Total	10.6094	2.7042	15.4265	0.0329	0.7817	1.5965	2.3782	0.2103	1.5959	1.8062	178.9801	1,585.8223	1,764.8024	2.1284	0.0272	1,826.1078

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.1491	0.1005	1.1088	6.2000e-004		0.0130	0.0130		0.0130	0.0130	0.0000	103.8277	103.8277	3.6500e-003	1.8700e-003	104.4765
Energy	0.0185	0.1578	0.0672	1.0100e-003		0.0128	0.0128		0.0128	0.0128	0.0000	404.7027	404.7027	0.0203	6.8200e-003	407.2403
Mobile	0.3286	2.2500	2.9775	0.0106	0.7278	9.1200e-003	0.7369	0.1958	8.5700e-003	0.2044	0.0000	977.5242	977.5242	0.0487	0.0000	978.7408
Waste						0.0000	0.0000		0.0000	0.0000	27.2576	0.0000	27.2576	1.6109	0.0000	67.5296
Water						0.0000	0.0000		0.0000	0.0000	2.9765	12.4565	15.4331	0.3067	7.4100e-003	25.3087
Total	1.4962	2.5083	4.1535	0.0122	0.7278	0.0349	0.7627	0.1958	0.0344	0.2302	30.2342	1,498.5111	1,528.7453	1.9901	0.0161	1,583.2959

	ROG	NOx	CO	SO2	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	85.90	7.24	73.08	62.74	6.90	97.81	67.93	6.90	97.85	87.26	83.11	5.51	13.38	6.50	40.74	13.30

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/2/2018	4/27/2018	5	20	
2	Grading	Grading	4/28/2018	6/29/2018	5	45	
3	Building Construction	Building Construction	7/10/2018	7/8/2022	5	1044	
4	Paving	Paving	6/30/2018	7/9/2018	5	6	
5	Architectural Coating	Architectural Coating	7/24/2018	7/22/2022	5	1044	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 35.22

Acres of Paving: 2.22

Residential Indoor: 524,880; Residential Outdoor: 174,960; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 5,795 (Architectural Coating – sqft)

OffRoad Equipment

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

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	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	92.00	31.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0456	0.4820	0.2248	3.8000e-004		0.0258	0.0258		0.0237	0.0237	0.0000	34.7599	34.7599	0.0108	0.0000	35.0304
Total	0.0456	0.4820	0.2248	3.8000e-004	0.1807	0.0258	0.2064	0.0993	0.0237	0.1230	0.0000	34.7599	34.7599	0.0108	0.0000	35.0304

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0500e-003	8.3000e-004	8.4100e-003	2.0000e-005	2.2000e-003	1.0000e-005	2.2100e-003	5.8000e-004	1.0000e-005	6.0000e-004	0.0000	1.9997	1.9997	6.0000e-005	0.0000	2.0011
Total	1.0500e-003	8.3000e-004	8.4100e-003	2.0000e-005	2.2000e-003	1.0000e-005	2.2100e-003	5.8000e-004	1.0000e-005	6.0000e-004	0.0000	1.9997	1.9997	6.0000e-005	0.0000	2.0011

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

3.2 Site Preparation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0456	0.4820	0.2248	3.8000e-004		0.0258	0.0258		0.0237	0.0237	0.0000	34.7599	34.7599	0.0108	0.0000	35.0304
Total	0.0456	0.4820	0.2248	3.8000e-004	0.1807	0.0258	0.2064	0.0993	0.0237	0.1230	0.0000	34.7599	34.7599	0.0108	0.0000	35.0304

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0500e-003	8.3000e-004	8.4100e-003	2.0000e-005	2.2000e-003	1.0000e-005	2.2100e-003	5.8000e-004	1.0000e-005	6.0000e-004	0.0000	1.9997	1.9997	6.0000e-005	0.0000	2.0011
Total	1.0500e-003	8.3000e-004	8.4100e-003	2.0000e-005	2.2000e-003	1.0000e-005	2.2100e-003	5.8000e-004	1.0000e-005	6.0000e-004	0.0000	1.9997	1.9997	6.0000e-005	0.0000	2.0011

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3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1542	0.0000	0.1542	0.0765	0.0000	0.0765	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1145	1.3392	0.7895	1.4000e-003		0.0593	0.0593		0.0545	0.0545	0.0000	127.4591	127.4591	0.0397	0.0000	128.4511
Total	0.1145	1.3392	0.7895	1.4000e-003	0.1542	0.0593	0.2134	0.0765	0.0545	0.1310	0.0000	127.4591	127.4591	0.0397	0.0000	128.4511

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6300e-003	2.0700e-003	0.0210	6.0000e-005	5.4900e-003	4.0000e-005	5.5300e-003	1.4600e-003	3.0000e-005	1.5000e-003	0.0000	4.9992	4.9992	1.4000e-004	0.0000	5.0028
Total	2.6300e-003	2.0700e-003	0.0210	6.0000e-005	5.4900e-003	4.0000e-005	5.5300e-003	1.4600e-003	3.0000e-005	1.5000e-003	0.0000	4.9992	4.9992	1.4000e-004	0.0000	5.0028

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

3.3 Grading - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1542	0.0000	0.1542	0.0765	0.0000	0.0765	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1145	1.3392	0.7895	1.4000e-003		0.0593	0.0593		0.0545	0.0545	0.0000	127.4590	127.4590	0.0397	0.0000	128.4510
Total	0.1145	1.3392	0.7895	1.4000e-003	0.1542	0.0593	0.2134	0.0765	0.0545	0.1310	0.0000	127.4590	127.4590	0.0397	0.0000	128.4510

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6300e-003	2.0700e-003	0.0210	6.0000e-005	5.4900e-003	4.0000e-005	5.5300e-003	1.4600e-003	3.0000e-005	1.5000e-003	0.0000	4.9992	4.9992	1.4000e-004	0.0000	5.0028
Total	2.6300e-003	2.0700e-003	0.0210	6.0000e-005	5.4900e-003	4.0000e-005	5.5300e-003	1.4600e-003	3.0000e-005	1.5000e-003	0.0000	4.9992	4.9992	1.4000e-004	0.0000	5.0028

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

3.4 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1675	1.4619	1.0988	1.6800e-003		0.0937	0.0937		0.0881	0.0881	0.0000	148.6045	148.6045	0.0364	0.0000	149.5147
Total	0.1675	1.4619	1.0988	1.6800e-003		0.0937	0.0937		0.0881	0.0881	0.0000	148.6045	148.6045	0.0364	0.0000	149.5147

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.1900e-003	0.2533	0.0555	5.3000e-004	0.0114	1.7000e-003	0.0131	3.3100e-003	1.6300e-003	4.9400e-003	0.0000	50.4838	50.4838	2.9600e-003	0.0000	50.5578
Worker	0.0335	0.0265	0.2685	7.1000e-004	0.0702	4.6000e-004	0.0707	0.0187	4.3000e-004	0.0191	0.0000	63.8783	63.8783	1.8300e-003	0.0000	63.9241
Total	0.0427	0.2798	0.3240	1.2400e-003	0.0817	2.1600e-003	0.0838	0.0220	2.0600e-003	0.0241	0.0000	114.3621	114.3621	4.7900e-003	0.0000	114.4819

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3.4 Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1675	1.4619	1.0988	1.6800e-003		0.0937	0.0937		0.0881	0.0881	0.0000	148.6043	148.6043	0.0364	0.0000	149.5145
Total	0.1675	1.4619	1.0988	1.6800e-003		0.0937	0.0937		0.0881	0.0881	0.0000	148.6043	148.6043	0.0364	0.0000	149.5145

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.1900e-003	0.2533	0.0555	5.3000e-004	0.0114	1.7000e-003	0.0131	3.3100e-003	1.6300e-003	4.9400e-003	0.0000	50.4838	50.4838	2.9600e-003	0.0000	50.5578
Worker	0.0335	0.0265	0.2685	7.1000e-004	0.0702	4.6000e-004	0.0707	0.0187	4.3000e-004	0.0191	0.0000	63.8783	63.8783	1.8300e-003	0.0000	63.9241
Total	0.0427	0.2798	0.3240	1.2400e-003	0.0817	2.1600e-003	0.0838	0.0220	2.0600e-003	0.0241	0.0000	114.3621	114.3621	4.7900e-003	0.0000	114.4819

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3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3081	2.7508	2.2399	3.5100e-003		0.1683	0.1683		0.1583	0.1583	0.0000	306.8110	306.8110	0.0747	0.0000	308.6795
Total	0.3081	2.7508	2.2399	3.5100e-003		0.1683	0.1683		0.1583	0.1583	0.0000	306.8110	306.8110	0.0747	0.0000	308.6795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0169	0.4998	0.1035	1.1000e-003	0.0239	2.8800e-003	0.0268	6.9200e-003	2.7600e-003	9.6800e-003	0.0000	104.5182	104.5182	5.8700e-003	0.0000	104.6651
Worker	0.0635	0.0486	0.5011	1.4300e-003	0.1466	9.5000e-004	0.1476	0.0390	8.8000e-004	0.0399	0.0000	129.3778	129.3778	3.3900e-003	0.0000	129.4626
Total	0.0804	0.5483	0.6045	2.5300e-003	0.1705	3.8300e-003	0.1743	0.0459	3.6400e-003	0.0496	0.0000	233.8960	233.8960	9.2600e-003	0.0000	234.1277

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3.4 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3081	2.7508	2.2399	3.5100e-003		0.1683	0.1683		0.1583	0.1583	0.0000	306.8106	306.8106	0.0747	0.0000	308.6792
Total	0.3081	2.7508	2.2399	3.5100e-003		0.1683	0.1683		0.1583	0.1583	0.0000	306.8106	306.8106	0.0747	0.0000	308.6792

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0169	0.4998	0.1035	1.1000e-003	0.0239	2.8800e-003	0.0268	6.9200e-003	2.7600e-003	9.6800e-003	0.0000	104.5182	104.5182	5.8700e-003	0.0000	104.6651
Worker	0.0635	0.0486	0.5011	1.4300e-003	0.1466	9.5000e-004	0.1476	0.0390	8.8000e-004	0.0399	0.0000	129.3778	129.3778	3.3900e-003	0.0000	129.4626
Total	0.0804	0.5483	0.6045	2.5300e-003	0.1705	3.8300e-003	0.1743	0.0459	3.6400e-003	0.0496	0.0000	233.8960	233.8960	9.2600e-003	0.0000	234.1277

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3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2777	2.5134	2.2072	3.5300e-003		0.1463	0.1463		0.1376	0.1376	0.0000	303.4091	303.4091	0.0740	0.0000	305.2596
Total	0.2777	2.5134	2.2072	3.5300e-003		0.1463	0.1463		0.1376	0.1376	0.0000	303.4091	303.4091	0.0740	0.0000	305.2596

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0142	0.4646	0.0914	1.1000e-003	0.0240	1.9300e-003	0.0259	6.9400e-003	1.8400e-003	8.7900e-003	0.0000	104.1075	104.1075	5.4500e-003	0.0000	104.2437
Worker	0.0584	0.0431	0.4510	1.3900e-003	0.1472	9.4000e-004	0.1481	0.0392	8.6000e-004	0.0400	0.0000	125.7169	125.7169	2.9700e-003	0.0000	125.7911
Total	0.0726	0.5077	0.5425	2.4900e-003	0.1711	2.8700e-003	0.1740	0.0461	2.7000e-003	0.0488	0.0000	229.8244	229.8244	8.4200e-003	0.0000	230.0348

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3.4 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2777	2.5134	2.2072	3.5300e-003		0.1463	0.1463		0.1376	0.1376	0.0000	303.4087	303.4087	0.0740	0.0000	305.2592
Total	0.2777	2.5134	2.2072	3.5300e-003		0.1463	0.1463		0.1376	0.1376	0.0000	303.4087	303.4087	0.0740	0.0000	305.2592

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0142	0.4646	0.0914	1.1000e-003	0.0240	1.9300e-003	0.0259	6.9400e-003	1.8400e-003	8.7900e-003	0.0000	104.1075	104.1075	5.4500e-003	0.0000	104.2437
Worker	0.0584	0.0431	0.4510	1.3900e-003	0.1472	9.4000e-004	0.1481	0.0392	8.6000e-004	0.0400	0.0000	125.7169	125.7169	2.9700e-003	0.0000	125.7911
Total	0.0726	0.5077	0.5425	2.4900e-003	0.1711	2.8700e-003	0.1740	0.0461	2.7000e-003	0.0488	0.0000	229.8244	229.8244	8.4200e-003	0.0000	230.0348

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3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099
Total	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0119	0.4262	0.0811	1.0800e-003	0.0239	9.3000e-004	0.0248	6.9200e-003	8.9000e-004	7.8100e-003	0.0000	102.8939	102.8939	5.1300e-003	0.0000	103.0222
Worker	0.0543	0.0385	0.4116	1.3400e-003	0.1466	9.1000e-004	0.1475	0.0390	8.4000e-004	0.0399	0.0000	120.8261	120.8261	2.6500e-003	0.0000	120.8923
Total	0.0662	0.4648	0.4926	2.4200e-003	0.1705	1.8400e-003	0.1723	0.0459	1.7300e-003	0.0477	0.0000	223.7200	223.7200	7.7800e-003	0.0000	223.9145

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3.4 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095
Total	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0119	0.4262	0.0811	1.0800e-003	0.0239	9.3000e-004	0.0248	6.9200e-003	8.9000e-004	7.8100e-003	0.0000	102.8939	102.8939	5.1300e-003	0.0000	103.0222
Worker	0.0543	0.0385	0.4116	1.3400e-003	0.1466	9.1000e-004	0.1475	0.0390	8.4000e-004	0.0399	0.0000	120.8261	120.8261	2.6500e-003	0.0000	120.8923
Total	0.0662	0.4648	0.4926	2.4200e-003	0.1705	1.8400e-003	0.1723	0.0459	1.7300e-003	0.0477	0.0000	223.7200	223.7200	7.7800e-003	0.0000	223.9145

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3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1152	1.0541	1.1045	1.8200e-003		0.0546	0.0546		0.0514	0.0514	0.0000	156.4145	156.4145	0.0375	0.0000	157.3514
Total	0.1152	1.0541	1.1045	1.8200e-003		0.0546	0.0546		0.0514	0.0514	0.0000	156.4145	156.4145	0.0375	0.0000	157.3514

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7200e-003	0.2096	0.0389	5.6000e-004	0.0124	4.1000e-004	0.0128	3.5800e-003	3.9000e-004	3.9700e-003	0.0000	52.7869	52.7869	2.5100e-003	0.0000	52.8497
Worker	0.0264	0.0179	0.1963	6.7000e-004	0.0758	4.6000e-004	0.0763	0.0202	4.2000e-004	0.0206	0.0000	60.2055	60.2055	1.2300e-003	0.0000	60.2363
Total	0.0321	0.2275	0.2352	1.2300e-003	0.0882	8.7000e-004	0.0891	0.0238	8.1000e-004	0.0246	0.0000	112.9924	112.9924	3.7400e-003	0.0000	113.0859

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3.4 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1152	1.0541	1.1045	1.8200e-003		0.0546	0.0546		0.0514	0.0514	0.0000	156.4144	156.4144	0.0375	0.0000	157.3512
Total	0.1152	1.0541	1.1045	1.8200e-003		0.0546	0.0546		0.0514	0.0514	0.0000	156.4144	156.4144	0.0375	0.0000	157.3512

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7200e-003	0.2096	0.0389	5.6000e-004	0.0124	4.1000e-004	0.0128	3.5800e-003	3.9000e-004	3.9700e-003	0.0000	52.7869	52.7869	2.5100e-003	0.0000	52.8497
Worker	0.0264	0.0179	0.1963	6.7000e-004	0.0758	4.6000e-004	0.0763	0.0202	4.2000e-004	0.0206	0.0000	60.2055	60.2055	1.2300e-003	0.0000	60.2363
Total	0.0321	0.2275	0.2352	1.2300e-003	0.0882	8.7000e-004	0.0891	0.0238	8.1000e-004	0.0246	0.0000	112.9924	112.9924	3.7400e-003	0.0000	113.0859

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3.5 Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.9300e-003	0.0526	0.0444	7.0000e-005		2.8700e-003	2.8700e-003		2.6400e-003	2.6400e-003	0.0000	6.2435	6.2435	1.9400e-003	0.0000	6.2921
Paving	2.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.8400e-003	0.0526	0.0444	7.0000e-005		2.8700e-003	2.8700e-003		2.6400e-003	2.6400e-003	0.0000	6.2435	6.2435	1.9400e-003	0.0000	6.2921

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-004	2.1000e-004	2.1000e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4999	0.4999	1.0000e-005	0.0000	0.5003
Total	2.6000e-004	2.1000e-004	2.1000e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4999	0.4999	1.0000e-005	0.0000	0.5003

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3.5 Paving - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.9300e-003	0.0526	0.0444	7.0000e-005		2.8700e-003	2.8700e-003		2.6400e-003	2.6400e-003	0.0000	6.2435	6.2435	1.9400e-003	0.0000	6.2921
Paving	2.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.8400e-003	0.0526	0.0444	7.0000e-005		2.8700e-003	2.8700e-003		2.6400e-003	2.6400e-003	0.0000	6.2435	6.2435	1.9400e-003	0.0000	6.2921

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-004	2.1000e-004	2.1000e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4999	0.4999	1.0000e-005	0.0000	0.5003
Total	2.6000e-004	2.1000e-004	2.1000e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4999	0.4999	1.0000e-005	0.0000	0.5003

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3.6 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1801					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0172	0.1153	0.1066	1.7000e-004		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	14.6812	14.6812	1.4000e-003	0.0000	14.7161
Total	0.1973	0.1153	0.1066	1.7000e-004		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	14.6812	14.6812	1.4000e-003	0.0000	14.7161

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0400e-003	4.7600e-003	0.0483	1.3000e-004	0.0126	8.0000e-005	0.0127	3.3600e-003	8.0000e-005	3.4400e-003	0.0000	11.4981	11.4981	3.3000e-004	0.0000	11.5063
Total	6.0400e-003	4.7600e-003	0.0483	1.3000e-004	0.0126	8.0000e-005	0.0127	3.3600e-003	8.0000e-005	3.4400e-003	0.0000	11.4981	11.4981	3.3000e-004	0.0000	11.5063

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

3.6 Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1801					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0172	0.1153	0.1066	1.7000e-004		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	14.6812	14.6812	1.4000e-003	0.0000	14.7161
Total	0.1973	0.1153	0.1066	1.7000e-004		8.6600e-003	8.6600e-003		8.6600e-003	8.6600e-003	0.0000	14.6812	14.6812	1.4000e-003	0.0000	14.7161

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0400e-003	4.7600e-003	0.0483	1.3000e-004	0.0126	8.0000e-005	0.0127	3.3600e-003	8.0000e-005	3.4400e-003	0.0000	11.4981	11.4981	3.3000e-004	0.0000	11.5063
Total	6.0400e-003	4.7600e-003	0.0483	1.3000e-004	0.0126	8.0000e-005	0.0127	3.3600e-003	8.0000e-005	3.4400e-003	0.0000	11.4981	11.4981	3.3000e-004	0.0000	11.5063

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

3.6 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	tons/yr										MT/yr					
Archit. Coating	0.4088					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0348	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3903
Total	0.4436	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3903

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	9.5000e-003	0.0980	2.8000e-004	0.0287	1.9000e-004	0.0289	7.6300e-003	1.7000e-004	7.8000e-003	0.0000	25.3130	25.3130	6.6000e-004	0.0000	25.3296
Total	0.0124	9.5000e-003	0.0980	2.8000e-004	0.0287	1.9000e-004	0.0289	7.6300e-003	1.7000e-004	7.8000e-003	0.0000	25.3130	25.3130	6.6000e-004	0.0000	25.3296

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

3.6 Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4088					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0348	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3903
Total	0.4436	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3903

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	9.5000e-003	0.0980	2.8000e-004	0.0287	1.9000e-004	0.0289	7.6300e-003	1.7000e-004	7.8000e-003	0.0000	25.3130	25.3130	6.6000e-004	0.0000	25.3296
Total	0.0124	9.5000e-003	0.0980	2.8000e-004	0.0287	1.9000e-004	0.0289	7.6300e-003	1.7000e-004	7.8000e-003	0.0000	25.3130	25.3130	6.6000e-004	0.0000	25.3296

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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	tons/yr										MT/yr					
Archit. Coating	0.4104					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5124
Total	0.4421	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5124

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0114	8.4400e-003	0.0883	2.7000e-004	0.0288	1.8000e-004	0.0290	7.6600e-003	1.7000e-004	7.8300e-003	0.0000	24.5968	24.5968	5.8000e-004	0.0000	24.6113
Total	0.0114	8.4400e-003	0.0883	2.7000e-004	0.0288	1.8000e-004	0.0290	7.6600e-003	1.7000e-004	7.8300e-003	0.0000	24.5968	24.5968	5.8000e-004	0.0000	24.6113

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3.6 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4104					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5123
Total	0.4421	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5123

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0114	8.4400e-003	0.0883	2.7000e-004	0.0288	1.8000e-004	0.0290	7.6600e-003	1.7000e-004	7.8300e-003	0.0000	24.5968	24.5968	5.8000e-004	0.0000	24.6113
Total	0.0114	8.4400e-003	0.0883	2.7000e-004	0.0288	1.8000e-004	0.0290	7.6600e-003	1.7000e-004	7.8300e-003	0.0000	24.5968	24.5968	5.8000e-004	0.0000	24.6113

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3.6 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4088					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3200	33.3200	2.2900e-003	0.0000	33.3771
Total	0.4374	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3200	33.3200	2.2900e-003	0.0000	33.3771

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0106	7.5400e-003	0.0805	2.6000e-004	0.0287	1.8000e-004	0.0289	7.6300e-003	1.6000e-004	7.8000e-003	0.0000	23.6399	23.6399	5.2000e-004	0.0000	23.6528
Total	0.0106	7.5400e-003	0.0805	2.6000e-004	0.0287	1.8000e-004	0.0289	7.6300e-003	1.6000e-004	7.8000e-003	0.0000	23.6399	23.6399	5.2000e-004	0.0000	23.6528

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3.6 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4088					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3199	33.3199	2.2900e-003	0.0000	33.3771
Total	0.4374	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3199	33.3199	2.2900e-003	0.0000	33.3771

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0106	7.5400e-003	0.0805	2.6000e-004	0.0287	1.8000e-004	0.0289	7.6300e-003	1.6000e-004	7.8000e-003	0.0000	23.6399	23.6399	5.2000e-004	0.0000	23.6528
Total	0.0106	7.5400e-003	0.0805	2.6000e-004	0.0287	1.8000e-004	0.0289	7.6300e-003	1.6000e-004	7.8000e-003	0.0000	23.6399	23.6399	5.2000e-004	0.0000	23.6528

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2271					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0148	0.1021	0.1315	2.2000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	18.5111	18.5111	1.2100e-003	0.0000	18.5412
Total	0.2420	0.1021	0.1315	2.2000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	18.5111	18.5111	1.2100e-003	0.0000	18.5412

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5400e-003	3.7700e-003	0.0413	1.4000e-004	0.0159	1.0000e-004	0.0160	4.2400e-003	9.0000e-005	4.3300e-003	0.0000	12.6519	12.6519	2.6000e-004	0.0000	12.6583
Total	5.5400e-003	3.7700e-003	0.0413	1.4000e-004	0.0159	1.0000e-004	0.0160	4.2400e-003	9.0000e-005	4.3300e-003	0.0000	12.6519	12.6519	2.6000e-004	0.0000	12.6583

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

3.6 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2271					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0148	0.1021	0.1315	2.2000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	18.5111	18.5111	1.2100e-003	0.0000	18.5412
Total	0.2420	0.1021	0.1315	2.2000e-004		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	18.5111	18.5111	1.2100e-003	0.0000	18.5412

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5400e-003	3.7700e-003	0.0413	1.4000e-004	0.0159	1.0000e-004	0.0160	4.2400e-003	9.0000e-005	4.3300e-003	0.0000	12.6519	12.6519	2.6000e-004	0.0000	12.6583
Total	5.5400e-003	3.7700e-003	0.0413	1.4000e-004	0.0159	1.0000e-004	0.0160	4.2400e-003	9.0000e-005	4.3300e-003	0.0000	12.6519	12.6519	2.6000e-004	0.0000	12.6583

4.0 Operational Detail - Mobile

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3286	2.2500	2.9775	0.0106	0.7278	9.1200e-003	0.7369	0.1958	8.5700e-003	0.2044	0.0000	977.5242	977.5242	0.0487	0.0000	978.7408
Unmitigated	0.3346	2.3032	3.1116	0.0112	0.7817	9.6500e-003	0.7914	0.2103	9.0600e-003	0.2194	0.0000	1,036.0847	1,036.0847	0.0500	0.0000	1,037.3344

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	1,370.88	1,370.88	1370.88	2,102,491	1,957,419
Total	1,370.88	1,370.88	1,370.88	2,102,491	1,957,419

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
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	6.92	2.92	3.25	42.60	21.00	36.40	86	11	3

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142
Single Family Housing	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	221.9401	221.9401	0.0168	3.4700e-003	223.3916
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	227.3438	227.3438	0.0172	3.5500e-003	228.8306
NaturalGas Mitigated	0.0185	0.1578	0.0672	1.0100e-003		0.0128	0.0128		0.0128	0.0128	0.0000	182.7626	182.7626	3.5000e-003	3.3500e-003	183.8487
NaturalGas Unmitigated	0.0248	0.2123	0.0903	1.3500e-003		0.0172	0.0172		0.0172	0.0172	0.0000	245.8072	245.8072	4.7100e-003	4.5100e-003	247.2679

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	4.60625e+006	0.0248	0.2123	0.0903	1.3500e-003		0.0172	0.0172		0.0172	0.0172	0.0000	245.8072	245.8072	4.7100e-003	4.5100e-003	247.2679
Total		0.0248	0.2123	0.0903	1.3500e-003		0.0172	0.0172		0.0172	0.0172	0.0000	245.8072	245.8072	4.7100e-003	4.5100e-003	247.2679

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Single Family Housing	3.42484e+006	0.0185	0.1578	0.0672	1.0100e-003		0.0128	0.0128		0.0128	0.0128	0.0000	182.7626	182.7626	3.5000e-003	3.3500e-003	183.8487
Total		0.0185	0.1578	0.0672	1.0100e-003		0.0128	0.0128		0.0128	0.0128	0.0000	182.7626	182.7626	3.5000e-003	3.3500e-003	183.8487

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.30438e+006	227.3438	0.0172	3.5500e-003	228.8306
Total		227.3438	0.0172	3.5500e-003	228.8306

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1.27337e+006	221.9401	0.0168	3.4700e-003	223.3916
Total		221.9401	0.0168	3.4700e-003	223.3916

6.0 Area Detail

6.1 Mitigation Measures Area

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.1491	0.1005	1.1088	6.2000e-004		0.0130	0.0130		0.0130	0.0130	0.0000	103.8277	103.8277	3.6500e-003	1.8700e-003	104.4765
Unmitigated	10.2499	0.1888	12.2245	0.0203		1.5697	1.5697		1.5697	1.5697	148.7459	64.1301	212.8761	0.1390	0.0117	219.8366

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1635					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0186					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	9.0355	0.1765	11.1533	0.0202		1.5638	1.5638		1.5638	1.5638	148.7459	62.3819	211.1278	0.1373	0.0117	218.0461
Landscaping	0.0324	0.0124	1.0713	6.0000e-005		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	1.7483	1.7483	1.6900e-003	0.0000	1.7905
Total	10.2499	0.1888	12.2245	0.0203		1.5697	1.5697		1.5697	1.5697	148.7459	64.1301	212.8760	0.1390	0.0117	219.8366

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1635					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9429					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0103	0.0881	0.0375	5.6000e-004		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	102.0794	102.0794	1.9600e-003	1.8700e-003	102.6860
Landscaping	0.0324	0.0124	1.0713	6.0000e-005		5.9200e-003	5.9200e-003		5.9200e-003	5.9200e-003	0.0000	1.7483	1.7483	1.6900e-003	0.0000	1.7905
Total	1.1491	0.1005	1.1088	6.2000e-004		0.0131	0.0131		0.0131	0.0131	0.0000	103.8277	103.8277	3.6500e-003	1.8700e-003	104.4765

7.0 Water Detail

7.1 Mitigation Measures Water

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	15.4331	0.3067	7.4100e-003	25.3087
Unmitigated	15.4331	0.3067	7.4100e-003	25.3087

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.38218 / 5.91485	15.4331	0.3067	7.4100e-003	25.3087
Total		15.4331	0.3067	7.4100e-003	25.3087

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	9.38218 / 5.91485	15.4331	0.3067	7.4100e-003	25.3087
Total		15.4331	0.3067	7.4100e-003	25.3087

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	27.2576	1.6109	0.0000	67.5296
Unmitigated	27.2576	1.6109	0.0000	67.5296

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	134.28	27.2576	1.6109	0.0000	67.5296
Total		27.2576	1.6109	0.0000	67.5296

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	134.28	27.2576	1.6109	0.0000	67.5296
Total		27.2576	1.6109	0.0000	67.5296

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Lincoln Meadows (Mitigated) - Placer County APCD Air District, Annual

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

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

Lincoln Meadows (Mitigated)
Placer County APCD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	96.59	1000sqft	2.22	96,587.00	0
Single Family Housing	144.00	Dwelling Unit	46.75	259,200.00	373

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	384.25	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Co2 Intensity Factor adjusted for PG&E Progress towards RPS

Land Use - Applicant provided information

Construction Phase - assumed paving phase before building construction phase; architectural coating assumed to overlap with building construction phase

Grading - project construction anticipated to disturb approx. 35.22 acres

Vehicle Trips - VMT adjusted per actual project VMT data provided by Fehr & Peers

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - 2016 Title 24 compliance

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	55.00	1,044.00
tblConstructionPhase	NumDays	740.00	1,044.00
tblConstructionPhase	NumDays	75.00	45.00
tblConstructionPhase	NumDays	55.00	6.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	PhaseEndDate	11/26/2021	7/22/2022
tblConstructionPhase	PhaseEndDate	6/25/2021	7/8/2022
tblConstructionPhase	PhaseEndDate	8/24/2018	6/29/2018
tblConstructionPhase	PhaseEndDate	9/10/2021	7/9/2018
tblConstructionPhase	PhaseEndDate	5/11/2018	4/27/2018
tblConstructionPhase	PhaseStartDate	9/11/2021	7/24/2018
tblConstructionPhase	PhaseStartDate	8/25/2018	7/10/2018
tblConstructionPhase	PhaseStartDate	5/12/2018	4/28/2018
tblConstructionPhase	PhaseStartDate	6/26/2021	6/30/2018
tblGrading	AcresOfGrading	112.50	35.22
tblLandUse	BuildingSpaceSquareFeet	96,590.00	96,587.00
tblLandUse	LandUseSquareFeet	96,590.00	96,587.00
tblLandUse	Population	412.00	373.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	384.25
tblProjectCharacteristics	OperationalYear	2018	2022
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	HO_TL	7.90	3.25
tblVehicleTrips	HS_TL	7.10	2.92
tblVehicleTrips	HW_TL	16.80	6.92
tblVehicleTrips	ST_TR	9.91	9.52

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

tblVehicleTrips	SU_TR	8.62	9.52
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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	6.9719	59.6234	36.0277	0.0644	18.2962	2.6353	20.8745	9.9917	2.4245	12.3637	0.0000	6,483.3070	6,483.3070	1.9509	0.0000	6,532.0802
2019	6.5372	27.2164	24.4747	0.0509	1.5950	1.4498	3.0447	0.4273	1.3710	1.7983	0.0000	5,011.7099	5,011.7099	0.7419	0.0000	5,030.2563
2020	6.1969	24.8310	23.5595	0.0505	1.5950	1.2515	2.8465	0.4273	1.1835	1.6108	0.0000	4,925.5261	4,925.5261	0.7230	0.0000	4,943.6002
2021	5.8979	22.5936	22.8377	0.0500	1.5949	1.0684	2.6633	0.4273	1.0101	1.4374	0.0000	4,875.4924	4,875.4924	0.7079	0.0000	4,893.1904
2022	5.6491	20.4583	22.2739	0.0495	1.5949	0.9052	2.5001	0.4273	0.8564	1.2837	0.0000	4,825.7358	4,825.7358	0.6977	0.0000	4,843.1776
Maximum	6.9719	59.6234	36.0277	0.0644	18.2962	2.6353	20.8745	9.9917	2.4245	12.3637	0.0000	6,483.3070	6,483.3070	1.9509	0.0000	6,532.0802

Lincoln Meadows (Mitigated) - Placer County APCD Air District, 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	227.2142	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.1292	1,698.5892	5,697.7184	3.7112	0.3146	5,884.2384
Energy	0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136
Mobile	1.7671	12.7004	18.2355	0.0603	4.4886	0.0539	4.5425	1.2030	0.0507	1.2536		6,121.0298	6,121.0298	0.3186		6,128.9947
Total	229.1174	18.3044	302.6646	0.5612	4.4886	38.3551	42.8437	1.2030	38.3518	39.5548	3,999.1292	9,304.3098	13,303.4390	4.0583	0.3418	13,506.7467

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	8.5866	2.2871	12.8177	0.0144		0.2396	0.2396		0.2396	0.2396	0.0000	2,765.8833	2,765.8833	0.0733	0.0503	2,782.7096
Energy	0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575
Mobile	1.7336	12.3977	17.5113	0.0568	4.1789	0.0510	4.2299	1.1199	0.0479	1.1679		5,771.8010	5,771.8010	0.3106		5,779.5670
Total	10.4214	15.5496	30.6970	0.0767	4.1789	0.3605	4.5394	1.1199	0.3574	1.4773	0.0000	9,641.5818	9,641.5818	0.4051	0.0706	9,672.7341

Lincoln Meadows (Mitigated) - Placer County APCD Air District, 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	95.45	15.05	89.86	86.33	6.90	99.06	89.40	6.90	99.07	96.27	100.00	-3.62	27.53	90.02	79.36	28.39

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	4/2/2018	4/27/2018	5	20	
2	Grading	Grading	4/28/2018	6/29/2018	5	45	
3	Building Construction	Building Construction	7/10/2018	7/8/2022	5	1044	
4	Paving	Paving	6/30/2018	7/9/2018	5	6	
5	Architectural Coating	Architectural Coating	7/24/2018	7/22/2022	5	1044	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 35.22

Acres of Paving: 2.22

Residential Indoor: 524,880; Residential Outdoor: 174,960; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 5,795 (Architectural Coating – sqft)

OffRoad Equipment

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

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

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	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	92.00	31.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708		3,831.6239	3,831.6239	1.1928		3,861.4448
Total	4.5627	48.1988	22.4763	0.0380	18.0663	2.5769	20.6432	9.9307	2.3708	12.3014		3,831.6239	3,831.6239	1.1928		3,861.4448

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	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472
Total	0.1160	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.2 Site Preparation - 2018

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	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708	0.0000	3,831.6239	3,831.6239	1.1928		3,861.4448
Total	4.5627	48.1988	22.4763	0.0380	18.0663	2.5769	20.6432	9.9307	2.3708	12.3014	0.0000	3,831.6239	3,831.6239	1.1928		3,861.4448

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	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472
Total	0.1160	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8521	0.0000	6.8521	3.3999	0.0000	3.3999			0.0000			0.0000
Off-Road	5.0901	59.5218	35.0894	0.0620		2.6337	2.6337		2.4230	2.4230		6,244.4284	6,244.4284	1.9440		6,293.0278
Total	5.0901	59.5218	35.0894	0.0620	6.8521	2.6337	9.4858	3.3999	2.4230	5.8229		6,244.4284	6,244.4284	1.9440		6,293.0278

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	0.1289	0.1016	0.9383	2.4000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		238.8786	238.8786	6.9500e-003		239.0524
Total	0.1289	0.1016	0.9383	2.4000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		238.8786	238.8786	6.9500e-003		239.0524

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.3 Grading - 2018

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					6.8521	0.0000	6.8521	3.3999	0.0000	3.3999			0.0000			0.0000
Off-Road	5.0901	59.5218	35.0894	0.0620		2.6337	2.6337		2.4230	2.4230	0.0000	6,244.4284	6,244.4284	1.9440		6,293.0278
Total	5.0901	59.5218	35.0894	0.0620	6.8521	2.6337	9.4858	3.3999	2.4230	5.8229	0.0000	6,244.4284	6,244.4284	1.9440		6,293.0278

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	0.1289	0.1016	0.9383	2.4000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		238.8786	238.8786	6.9500e-003		239.0524
Total	0.1289	0.1016	0.9383	2.4000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		238.8786	238.8786	6.9500e-003		239.0524

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.4 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.935 1	2,620.935 1	0.6421		2,636.988 3
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.935 1	2,620.935 1	0.6421		2,636.988 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	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	0.1518	4.0349	0.9783	8.3400e-003	0.1899	0.0276	0.2175	0.0547	0.0264	0.0811		871.8025	871.8025	0.0556		873.1921
Worker	0.5931	0.4676	4.3163	0.0110	1.1751	7.3700e-003	1.1825	0.3116	6.8000e-003	0.3184		1,098.841 6	1,098.841 6	0.0320		1,099.641 1
Total	0.7449	4.5025	5.2946	0.0194	1.3650	0.0350	1.4000	0.3663	0.0332	0.3995		1,970.644 1	1,970.644 1	0.0876		1,972.833 2

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.4 Building Construction - 2018

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	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.935 1	2,620.935 1	0.6421		2,636.988 3
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.935 1	2,620.935 1	0.6421		2,636.988 3

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	0.1518	4.0349	0.9783	8.3400e-003	0.1899	0.0276	0.2175	0.0547	0.0264	0.0811		871.8025	871.8025	0.0556		873.1921
Worker	0.5931	0.4676	4.3163	0.0110	1.1751	7.3700e-003	1.1825	0.3116	6.8000e-003	0.3184		1,098.841 6	1,098.841 6	0.0320		1,099.641 1
Total	0.7449	4.5025	5.2946	0.0194	1.3650	0.0350	1.4000	0.3663	0.0332	0.3995		1,970.644 1	1,970.644 1	0.0876		1,972.833 2

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	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

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	0.1341	3.8108	0.8758	8.2600e-003	0.1899	0.0224	0.2124	0.0547	0.0215	0.0762		864.2752	864.2752	0.0529		865.5981
Worker	0.5375	0.4110	3.8421	0.0107	1.1751	7.3000e-003	1.1824	0.3116	6.7300e-003	0.3184		1,065.8673	1,065.8673	0.0283		1,066.5747
Total	0.6716	4.2218	4.7179	0.0190	1.3650	0.0297	1.3948	0.3663	0.0282	0.3945		1,930.1424	1,930.1424	0.0812		1,932.1728

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.4 Building Construction - 2019

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	2,591.580 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	0.0000	2,591.580 2	2,591.580 2	0.6313		2,607.363 5

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	0.1341	3.8108	0.8758	8.2600e-003	0.1899	0.0224	0.2124	0.0547	0.0215	0.0762		864.2752	864.2752	0.0529		865.5981
Worker	0.5375	0.4110	3.8421	0.0107	1.1751	7.3000e-003	1.1824	0.3116	6.7300e-003	0.3184		1,065.867 3	1,065.867 3	0.0283		1,066.574 7
Total	0.6716	4.2218	4.7179	0.0190	1.3650	0.0297	1.3948	0.3663	0.0282	0.3945		1,930.142 4	1,930.142 4	0.0812		1,932.172 8

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

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		2,553.063 1	2,553.063 1	0.6229		2,568.634 5
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.063 1	2,553.063 1	0.6229		2,568.634 5

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	0.1121	3.5263	0.7728	8.2000e-003	0.1899	0.0150	0.2049	0.0547	0.0143	0.0690		857.4147	857.4147	0.0490		858.6388
Worker	0.4935	0.3637	3.4348	0.0104	1.1751	7.1500e-003	1.1823	0.3116	6.5900e-003	0.3182		1,031.738 4	1,031.738 4	0.0246		1,032.352 2
Total	0.6056	3.8900	4.2075	0.0186	1.3650	0.0221	1.3872	0.3663	0.0209	0.3872		1,889.153 2	1,889.153 2	0.0735		1,890.991 0

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.4 Building Construction - 2020

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	2,553.063 1	2,553.063 1	0.6229		2,568.634 5
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.063 1	2,553.063 1	0.6229		2,568.634 5

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	0.1121	3.5263	0.7728	8.2000e-003	0.1899	0.0150	0.2049	0.0547	0.0143	0.0690		857.4147	857.4147	0.0490		858.6388
Worker	0.4935	0.3637	3.4348	0.0104	1.1751	7.1500e-003	1.1823	0.3116	6.5900e-003	0.3182		1,031.738 4	1,031.738 4	0.0246		1,032.352 2
Total	0.6056	3.8900	4.2075	0.0186	1.3650	0.0221	1.3872	0.3663	0.0209	0.3872		1,889.153 2	1,889.153 2	0.0735		1,890.991 0

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

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

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	0.0947	3.2448	0.6903	8.1300e-003	0.1899	7.3500e-003	0.1973	0.0547	7.0300e-003	0.0617		850.5214	850.5214	0.0464		851.6806
Worker	0.4605	0.3260	3.1403	9.9900e-003	1.1751	6.9600e-003	1.1821	0.3116	6.4100e-003	0.3180		995.4057	995.4057	0.0219		995.9541
Total	0.5552	3.5708	3.8306	0.0181	1.3650	0.0143	1.3793	0.3663	0.0134	0.3798		1,845.9271	1,845.9271	0.0683		1,847.6347

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.4 Building Construction - 2021

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

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	0.0947	3.2448	0.6903	8.1300e-003	0.1899	7.3500e-003	0.1973	0.0547	7.0300e-003	0.0617		850.5214	850.5214	0.0464		851.6806
Worker	0.4605	0.3260	3.1403	9.9900e-003	1.1751	6.9600e-003	1.1821	0.3116	6.4100e-003	0.3180		995.4057	995.4057	0.0219		995.9541
Total	0.5552	3.5708	3.8306	0.0181	1.3650	0.0143	1.3793	0.3663	0.0134	0.3798		1,845.9271	1,845.9271	0.0683		1,847.6347

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

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	0.0881	3.0832	0.6411	8.0600e-003	0.1899	6.3100e-003	0.1962	0.0547	6.0300e-003	0.0607		843.4032	843.4032	0.0439		844.5004
Worker	0.4328	0.2936	2.8903	9.6200e-003	1.1751	6.8000e-003	1.1819	0.3116	6.2600e-003	0.3179		958.9335	958.9335	0.0197		959.4253
Total	0.5209	3.3767	3.5314	0.0177	1.3650	0.0131	1.3781	0.3663	0.0123	0.3786		1,802.3367	1,802.3367	0.0636		1,803.9256

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.4 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

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	0.0881	3.0832	0.6411	8.0600e-003	0.1899	6.3100e-003	0.1962	0.0547	6.0300e-003	0.0607		843.4032	843.4032	0.0439		844.5004
Worker	0.4328	0.2936	2.8903	9.6200e-003	1.1751	6.8000e-003	1.1819	0.3116	6.2600e-003	0.3179		958.9335	958.9335	0.0197		959.4253
Total	0.5209	3.3767	3.5314	0.0177	1.3650	0.0131	1.3781	0.3663	0.0123	0.3786		1,802.3367	1,802.3367	0.0636		1,803.9256

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.5 Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6437	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797		2,294.0887	2,294.0887	0.7142		2,311.9432
Paving	0.9694					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6131	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797		2,294.0887	2,294.0887	0.7142		2,311.9432

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	0.0967	0.0762	0.7038	1.8000e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		179.1590	179.1590	5.2100e-003		179.2893
Total	0.0967	0.0762	0.7038	1.8000e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		179.1590	179.1590	5.2100e-003		179.2893

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.5 Paving - 2018

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	1.6437	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797	0.0000	2,294.0887	2,294.0887	0.7142		2,311.9432
Paving	0.9694					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6131	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797	0.0000	2,294.0887	2,294.0887	0.7142		2,311.9432

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	0.0967	0.0762	0.7038	1.8000e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		179.1590	179.1590	5.2100e-003		179.2893
Total	0.0967	0.0762	0.7038	1.8000e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		179.1590	179.1590	5.2100e-003		179.2893

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	3.4314	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

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	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472
Total	0.1160	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	3.4314	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

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	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472
Total	0.1160	0.0915	0.8445	2.1600e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		214.9908	214.9908	6.2600e-003		215.1472

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3992	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

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	0.1052	0.0804	0.7517	2.0900e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		208.5392	208.5392	5.5400e-003		208.6777
Total	0.1052	0.0804	0.7517	2.0900e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		208.5392	208.5392	5.5400e-003		208.6777

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3992	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

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	0.1052	0.0804	0.7517	2.0900e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		208.5392	208.5392	5.5400e-003		208.6777
Total	0.1052	0.0804	0.7517	2.0900e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		208.5392	208.5392	5.5400e-003		208.6777

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

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	3.1328					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	3.3750	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

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	0.0965	0.0712	0.6720	2.0300e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		201.8619	201.8619	4.8000e-003		201.9820
Total	0.0965	0.0712	0.6720	2.0300e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		201.8619	201.8619	4.8000e-003		201.9820

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3750	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

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	0.0965	0.0712	0.6720	2.0300e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		201.8619	201.8619	4.8000e-003		201.9820
Total	0.0965	0.0712	0.6720	2.0300e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		201.8619	201.8619	4.8000e-003		201.9820

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

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	3.1328					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	3.3517	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0901	0.0638	0.6144	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.7533	194.7533	4.2900e-003		194.8606
Total	0.0901	0.0638	0.6144	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.7533	194.7533	4.2900e-003		194.8606

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3517	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

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	0.0901	0.0638	0.6144	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.7533	194.7533	4.2900e-003		194.8606
Total	0.0901	0.0638	0.6144	1.9500e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		194.7533	194.7533	4.2900e-003		194.8606

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	3.3373	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.0847	0.0574	0.5655	1.8800e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		187.6174	187.6174	3.8500e-003		187.7136
Total	0.0847	0.0574	0.5655	1.8800e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		187.6174	187.6174	3.8500e-003		187.7136

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

3.6 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	3.3373	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.0847	0.0574	0.5655	1.8800e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		187.6174	187.6174	3.8500e-003		187.7136
Total	0.0847	0.0574	0.5655	1.8800e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		187.6174	187.6174	3.8500e-003		187.7136

4.0 Operational Detail - Mobile

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.7336	12.3977	17.5113	0.0568	4.1789	0.0510	4.2299	1.1199	0.0479	1.1679		5,771.8010	5,771.8010	0.3106		5,779.5670
Unmitigated	1.7671	12.7004	18.2355	0.0603	4.4886	0.0539	4.5425	1.2030	0.0507	1.2536		6,121.0298	6,121.0298	0.3186		6,128.9947

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	1,370.88	1,370.88	1370.88	2,102,491	1,957,419
Total	1,370.88	1,370.88	1,370.88	2,102,491	1,957,419

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
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	6.92	2.92	3.25	42.60	21.00	36.40	86	11	3

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142
Single Family Housing	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575
NaturalGas Unmitigated	0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136

Lincoln Meadows (Mitigated) - Placer County APCD Air District, 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					
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
Single Family Housing	12619.9	0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136
Total		0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136

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					
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
Single Family Housing	9.38313	0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575
Total		0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575

6.0 Area Detail

6.1 Mitigation Measures Area

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.5866	2.2871	12.8177	0.0144		0.2396	0.2396		0.2396	0.2396	0.0000	2,765.883 3	2,765.883 3	0.0733	0.0503	2,782.709 6
Unmitigated	227.2142	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8961					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.5811					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	220.3769	4.3037	272.0313	0.4928		38.1414	38.1414		38.1414	38.1414	3,999.129 2	1,677.176 5	5,676.305 7	3.6905	0.3146	5,862.308 4
Landscaping	0.3601	0.1373	11.9029	6.3000e-004		0.0658	0.0658		0.0658	0.0658		21.4127	21.4127	0.0207		21.9300
Total	227.2142	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4

Lincoln Meadows (Mitigated) - Placer County APCD Air District, 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	0.8961					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.0788					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2516	2.1498	0.9148	0.0137		0.1738	0.1738		0.1738	0.1738	0.0000	2,744.4706	2,744.4706	0.0526	0.0503	2,760.7796
Landscaping	0.3601	0.1373	11.9029	6.3000e-004		0.0658	0.0658		0.0658	0.0658		21.4127	21.4127	0.0207		21.9300
Total	8.5866	2.2871	12.8177	0.0144		0.2396	0.2396		0.2396	0.2396	0.0000	2,765.8833	2,765.8833	0.0733	0.0503	2,782.7096

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Winter

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

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

Lincoln Meadows (Mitigated)
Placer County APCD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	96.59	1000sqft	2.22	96,587.00	0
Single Family Housing	144.00	Dwelling Unit	46.75	259,200.00	373

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	2	Operational Year		2022	
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MW hr)	384.25	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Co2 Intensity Factor adjusted for PG&E Progress towards RPS

Land Use - Applicant provided information

Construction Phase - assumed paving phase before building construction phase; architectural coating assumed to overlap with building construction phase

Grading - project construction anticipated to disturb approx. 35.22 acres

Vehicle Trips - VMT adjusted per actual project VMT data provided by Fehr & Peers

Mobile Land Use Mitigation -

Area Mitigation -

Energy Mitigation - 2016 Title 24 compliance

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	55.00	1,044.00
tblConstructionPhase	NumDays	740.00	1,044.00
tblConstructionPhase	NumDays	75.00	45.00
tblConstructionPhase	NumDays	55.00	6.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	PhaseEndDate	11/26/2021	7/22/2022
tblConstructionPhase	PhaseEndDate	6/25/2021	7/8/2022
tblConstructionPhase	PhaseEndDate	8/24/2018	6/29/2018
tblConstructionPhase	PhaseEndDate	9/10/2021	7/9/2018
tblConstructionPhase	PhaseEndDate	5/11/2018	4/27/2018
tblConstructionPhase	PhaseStartDate	9/11/2021	7/24/2018
tblConstructionPhase	PhaseStartDate	8/25/2018	7/10/2018
tblConstructionPhase	PhaseStartDate	5/12/2018	4/28/2018
tblConstructionPhase	PhaseStartDate	6/26/2021	6/30/2018
tblGrading	AcresOfGrading	112.50	35.22
tblLandUse	BuildingSpaceSquareFeet	96,590.00	96,587.00
tblLandUse	LandUseSquareFeet	96,590.00	96,587.00
tblLandUse	Population	412.00	373.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	384.25
tblProjectCharacteristics	OperationalYear	2018	2022
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	HO_TL	7.90	3.25
tblVehicleTrips	HS_TL	7.10	2.92
tblVehicleTrips	HW_TL	16.80	6.92
tblVehicleTrips	ST_TR	9.91	9.52

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

tblVehicleTrips	SU_TR	8.62	9.52
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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	6.9488	59.6027	36.1583	0.0647	18.2962	2.6353	20.8745	9.9917	2.4245	12.3637	0.0000	6,512.9364	6,512.9364	1.9517	0.0000	6,561.7285
2019	6.5170	27.0766	25.0100	0.0528	1.5950	1.4492	3.0442	0.4273	1.3704	1.7977	0.0000	5,201.9372	5,201.9372	0.7398	0.0000	5,220.4316
2020	6.1781	24.7155	24.0752	0.0523	1.5950	1.2511	2.8460	0.4273	1.1831	1.6103	0.0000	5,110.8328	5,110.8328	0.7210	0.0000	5,128.8572
2021	5.8794	22.5002	23.3302	0.0518	1.5949	1.0680	2.6630	0.4273	1.0097	1.4370	0.0000	5,055.3551	5,055.3551	0.7058	0.0000	5,073.0012
2022	5.6305	20.3782	22.7484	0.0512	1.5949	0.9048	2.4997	0.4273	0.8561	1.2833	0.0000	5,000.1455	5,000.1455	0.6956	0.0000	5,017.5349
Maximum	6.9488	59.6027	36.1583	0.0647	18.2962	2.6353	20.8745	9.9917	2.4245	12.3637	0.0000	6,512.9364	6,512.9364	1.9517	0.0000	6,561.7285

Lincoln Meadows (Mitigated) - Placer County APCD Air District, 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	227.2142	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4
Energy	0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.690 8	1,484.690 8	0.0285	0.0272	1,493.513 6
Mobile	2.2826	12.4434	17.5877	0.0657	4.4886	0.0525	4.5411	1.2030	0.0493	1.2522		6,670.393 2	6,670.393 2	0.2954		6,677.777 7
Total	229.6328	18.0474	302.0168	0.5666	4.4886	38.3537	42.8423	1.2030	38.3505	39.5534	3,999.129 2	9,853.673 2	13,852.80 24	4.0351	0.3418	14,055.52 97

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	8.5866	2.2871	12.8177	0.0144		0.2396	0.2396		0.2396	0.2396	0.0000	2,765.883 3	2,765.883 3	0.0733	0.0503	2,782.709 6
Energy	0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.897 6	1,103.897 6	0.0212	0.0202	1,110.457 5
Mobile	2.2485	12.1717	16.7264	0.0620	4.1789	0.0496	4.2285	1.1199	0.0466	1.1665		6,292.362 2	6,292.362 2	0.2868		6,299.532 6
Total	10.9362	15.3235	29.9121	0.0818	4.1789	0.3591	4.5379	1.1199	0.3560	1.4760	0.0000	10,162.14 31	10,162.14 31	0.3813	0.0706	10,192.69 97

Lincoln Meadows (Mitigated) - Placer County APCD Air District, 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	95.24	15.09	90.10	85.56	6.90	99.06	89.41	6.90	99.07	96.27	100.00	-3.13	26.64	90.55	79.36	27.48

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	4/2/2018	4/27/2018	5	20	
2	Grading	Grading	4/28/2018	6/29/2018	5	45	
3	Building Construction	Building Construction	7/10/2018	7/8/2022	5	1044	
4	Paving	Paving	6/30/2018	7/9/2018	5	6	
5	Architectural Coating	Architectural Coating	7/24/2018	7/22/2022	5	1044	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 35.22

Acres of Paving: 2.22

Residential Indoor: 524,880; Residential Outdoor: 174,960; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 5,795 (Architectural Coating – sqft)

OffRoad Equipment

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

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

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	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	92.00	31.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708		3,831.6239	3,831.6239	1.1928		3,861.4448
Total	4.5627	48.1988	22.4763	0.0380	18.0663	2.5769	20.6432	9.9307	2.3708	12.3014		3,831.6239	3,831.6239	1.1928		3,861.4448

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	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307
Total	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.2 Site Preparation - 2018

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	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708	0.0000	3,831.6239	3,831.6239	1.1928		3,861.4448
Total	4.5627	48.1988	22.4763	0.0380	18.0663	2.5769	20.6432	9.9307	2.3708	12.3014	0.0000	3,831.6239	3,831.6239	1.1928		3,861.4448

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	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307
Total	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8521	0.0000	6.8521	3.3999	0.0000	3.3999			0.0000			0.0000
Off-Road	5.0901	59.5218	35.0894	0.0620		2.6337	2.6337		2.4230	2.4230		6,244.4284	6,244.4284	1.9440		6,293.0278
Total	5.0901	59.5218	35.0894	0.0620	6.8521	2.6337	9.4858	3.3999	2.4230	5.8229		6,244.4284	6,244.4284	1.9440		6,293.0278

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	0.1262	0.0809	1.0689	2.7000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		268.5080	268.5080	7.7100e-003		268.7007
Total	0.1262	0.0809	1.0689	2.7000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		268.5080	268.5080	7.7100e-003		268.7007

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.3 Grading - 2018

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					6.8521	0.0000	6.8521	3.3999	0.0000	3.3999			0.0000			0.0000
Off-Road	5.0901	59.5218	35.0894	0.0620		2.6337	2.6337		2.4230	2.4230	0.0000	6,244.4284	6,244.4284	1.9440		6,293.0278
Total	5.0901	59.5218	35.0894	0.0620	6.8521	2.6337	9.4858	3.3999	2.4230	5.8229	0.0000	6,244.4284	6,244.4284	1.9440		6,293.0278

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	0.1262	0.0809	1.0689	2.7000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		268.5080	268.5080	7.7100e-003		268.7007
Total	0.1262	0.0809	1.0689	2.7000e-003	0.2555	1.6000e-003	0.2571	0.0678	1.4800e-003	0.0692		268.5080	268.5080	7.7100e-003		268.7007

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.4 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883

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	0.1437	3.9854	0.8082	8.6400e-003	0.1899	0.0269	0.2169	0.0547	0.0258	0.0805		903.8422	903.8422	0.0494		905.0769
Worker	0.5807	0.3721	4.9170	0.0124	1.1751	7.3700e-003	1.1825	0.3116	6.8000e-003	0.3184		1,235.1366	1,235.1366	0.0355		1,236.0234
Total	0.7243	4.3576	5.7252	0.0211	1.3650	0.0343	1.3994	0.3663	0.0326	0.3989		2,138.9787	2,138.9787	0.0849		2,141.1003

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.4 Building Construction - 2018

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	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.935 1	2,620.935 1	0.6421		2,636.988 3
Total	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.935 1	2,620.935 1	0.6421		2,636.988 3

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	0.1437	3.9854	0.8082	8.6400e-003	0.1899	0.0269	0.2169	0.0547	0.0258	0.0805		903.8422	903.8422	0.0494		905.0769
Worker	0.5807	0.3721	4.9170	0.0124	1.1751	7.3700e-003	1.1825	0.3116	6.8000e-003	0.3184		1,235.136 6	1,235.136 6	0.0355		1,236.023 4
Total	0.7243	4.3576	5.7252	0.0211	1.3650	0.0343	1.3994	0.3663	0.0326	0.3989		2,138.978 7	2,138.978 7	0.0849		2,141.100 3

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	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

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	0.1267	3.7711	0.7194	8.5700e-003	0.1899	0.0218	0.2118	0.0547	0.0209	0.0756		896.3032	896.3032	0.0469		897.4754
Worker	0.5268	0.3273	4.4206	0.0120	1.1751	7.3000e-003	1.1824	0.3116	6.7300e-003	0.3184		1,198.1794	1,198.1794	0.0316		1,198.9694
Total	0.6535	4.0983	5.1400	0.0206	1.3650	0.0291	1.3942	0.3663	0.0276	0.3939		2,094.4826	2,094.4826	0.0785		2,096.4448

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.4 Building Construction - 2019

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	2,591.580 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	0.0000	2,591.580 2	2,591.580 2	0.6313		2,607.363 5

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	0.1267	3.7711	0.7194	8.5700e-003	0.1899	0.0218	0.2118	0.0547	0.0209	0.0756		896.3032	896.3032	0.0469		897.4754
Worker	0.5268	0.3273	4.4206	0.0120	1.1751	7.3000e-003	1.1824	0.3116	6.7300e-003	0.3184		1,198.179 4	1,198.179 4	0.0316		1,198.969 4
Total	0.6535	4.0983	5.1400	0.0206	1.3650	0.0291	1.3942	0.3663	0.0276	0.3939		2,094.482 6	2,094.482 6	0.0785		2,096.444 8

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

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		2,553.063 1	2,553.063 1	0.6229		2,568.634 5
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.063 1	2,553.063 1	0.6229		2,568.634 5

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	0.1055	3.4990	0.6317	8.5000e-003	0.1899	0.0145	0.2045	0.0547	0.0139	0.0686		889.5028	889.5028	0.0433		890.5840
Worker	0.4833	0.2900	3.9841	0.0116	1.1751	7.1500e-003	1.1823	0.3116	6.5900e-003	0.3182		1,159.884 9	1,159.884 9	0.0277		1,160.576 6
Total	0.5887	3.7889	4.6158	0.0201	1.3650	0.0217	1.3867	0.3663	0.0205	0.3868		2,049.387 7	2,049.387 7	0.0709		2,051.160 6

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.4 Building Construction - 2020

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	2,553.063 1	2,553.063 1	0.6229		2,568.634 5
Total	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.063 1	2,553.063 1	0.6229		2,568.634 5

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	0.1055	3.4990	0.6317	8.5000e-003	0.1899	0.0145	0.2045	0.0547	0.0139	0.0686		889.5028	889.5028	0.0433		890.5840
Worker	0.4833	0.2900	3.9841	0.0116	1.1751	7.1500e-003	1.1823	0.3116	6.5900e-003	0.3182		1,159.884 9	1,159.884 9	0.0277		1,160.576 6
Total	0.5887	3.7889	4.6158	0.0201	1.3650	0.0217	1.3867	0.3663	0.0205	0.3868		2,049.387 7	2,049.387 7	0.0709		2,051.160 6

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

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

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	0.0885	3.2303	0.5595	8.4300e-003	0.1899	6.9600e-003	0.1969	0.0547	6.6600e-003	0.0613		882.6067	882.6067	0.0409		883.6282
Worker	0.4502	0.2601	3.6616	0.0112	1.1751	6.9600e-003	1.1821	0.3116	6.4100e-003	0.3180		1,119.0014	1,119.0014	0.0248		1,119.6214
Total	0.5387	3.4904	4.2211	0.0197	1.3650	0.0139	1.3790	0.3663	0.0131	0.3794		2,001.6081	2,001.6081	0.0657		2,003.2497

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.4 Building Construction - 2021

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

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	0.0885	3.2303	0.5595	8.4300e-003	0.1899	6.9600e-003	0.1969	0.0547	6.6600e-003	0.0613		882.6067	882.6067	0.0409		883.6282
Worker	0.4502	0.2601	3.6616	0.0112	1.1751	6.9600e-003	1.1821	0.3116	6.4100e-003	0.3180		1,119.0014	1,119.0014	0.0248		1,119.6214
Total	0.5387	3.4904	4.2211	0.0197	1.3650	0.0139	1.3790	0.3663	0.0131	0.3794		2,001.6081	2,001.6081	0.0657		2,003.2497

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

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	0.0823	3.0740	0.5192	8.3700e-003	0.1899	5.9500e-003	0.1959	0.0547	5.6900e-003	0.0604		875.5392	875.5392	0.0386		876.5047
Worker	0.4221	0.2343	3.3891	0.0108	1.1751	6.8000e-003	1.1819	0.3116	6.2600e-003	0.3179		1,077.9262	1,077.9262	0.0223		1,078.4841
Total	0.5044	3.3083	3.9083	0.0192	1.3650	0.0128	1.3778	0.3663	0.0120	0.3783		1,953.4653	1,953.4653	0.0609		1,954.9888

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.4 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

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	0.0823	3.0740	0.5192	8.3700e-003	0.1899	5.9500e-003	0.1959	0.0547	5.6900e-003	0.0604		875.5392	875.5392	0.0386		876.5047
Worker	0.4221	0.2343	3.3891	0.0108	1.1751	6.8000e-003	1.1819	0.3116	6.2600e-003	0.3179		1,077.9262	1,077.9262	0.0223		1,078.4841
Total	0.5044	3.3083	3.9083	0.0192	1.3650	0.0128	1.3778	0.3663	0.0120	0.3783		1,953.4653	1,953.4653	0.0609		1,954.9888

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.5 Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6437	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797		2,294.0887	2,294.0887	0.7142		2,311.9432
Paving	0.9694					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6131	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797		2,294.0887	2,294.0887	0.7142		2,311.9432

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	0.0947	0.0607	0.8017	2.0200e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		201.3810	201.3810	5.7800e-003		201.5256
Total	0.0947	0.0607	0.8017	2.0200e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		201.3810	201.3810	5.7800e-003		201.5256

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.5 Paving - 2018

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	1.6437	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797	0.0000	2,294.0887	2,294.0887	0.7142		2,311.9432
Paving	0.9694					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6131	17.5209	14.7964	0.0228		0.9561	0.9561		0.8797	0.8797	0.0000	2,294.0887	2,294.0887	0.7142		2,311.9432

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	0.0947	0.0607	0.8017	2.0200e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		201.3810	201.3810	5.7800e-003		201.5256
Total	0.0947	0.0607	0.8017	2.0200e-003	0.1916	1.2000e-003	0.1928	0.0508	1.1100e-003	0.0519		201.3810	201.3810	5.7800e-003		201.5256

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	3.4314	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

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	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307
Total	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	3.4314	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

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	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307
Total	0.1136	0.0728	0.9620	2.4300e-003	0.2299	1.4400e-003	0.2314	0.0610	1.3300e-003	0.0623		241.6572	241.6572	6.9400e-003		241.8307

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3992	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423

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	0.1031	0.0640	0.8649	2.3500e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		234.4264	234.4264	6.1800e-003		234.5810
Total	0.1031	0.0640	0.8649	2.3500e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		234.4264	234.4264	6.1800e-003		234.5810

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3992	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

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	0.1031	0.0640	0.8649	2.3500e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		234.4264	234.4264	6.1800e-003		234.5810
Total	0.1031	0.0640	0.8649	2.3500e-003	0.2299	1.4300e-003	0.2313	0.0610	1.3200e-003	0.0623		234.4264	234.4264	6.1800e-003		234.5810

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

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	3.1328					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	3.3750	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

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	0.0946	0.0567	0.7795	2.2800e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		226.9340	226.9340	5.4100e-003		227.0693
Total	0.0946	0.0567	0.7795	2.2800e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		226.9340	226.9340	5.4100e-003		227.0693

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3750	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

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	0.0946	0.0567	0.7795	2.2800e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		226.9340	226.9340	5.4100e-003		227.0693
Total	0.0946	0.0567	0.7795	2.2800e-003	0.2299	1.4000e-003	0.2313	0.0610	1.2900e-003	0.0623		226.9340	226.9340	5.4100e-003		227.0693

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

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	3.1328					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	3.3517	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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	0.0881	0.0509	0.7164	2.2000e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		218.9351	218.9351	4.8500e-003		219.0564
Total	0.0881	0.0509	0.7164	2.2000e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		218.9351	218.9351	4.8500e-003		219.0564

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					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	3.3517	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

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	0.0881	0.0509	0.7164	2.2000e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		218.9351	218.9351	4.8500e-003		219.0564
Total	0.0881	0.0509	0.7164	2.2000e-003	0.2299	1.3600e-003	0.2313	0.0610	1.2500e-003	0.0622		218.9351	218.9351	4.8500e-003		219.0564

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	3.3373	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.0826	0.0458	0.6631	2.1200e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		210.8986	210.8986	4.3700e-003		211.0078
Total	0.0826	0.0458	0.6631	2.1200e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		210.8986	210.8986	4.3700e-003		211.0078

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

3.6 Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	3.1328					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	3.3373	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.0826	0.0458	0.6631	2.1200e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		210.8986	210.8986	4.3700e-003		211.0078
Total	0.0826	0.0458	0.6631	2.1200e-003	0.2299	1.3300e-003	0.2312	0.0610	1.2200e-003	0.0622		210.8986	210.8986	4.3700e-003		211.0078

4.0 Operational Detail - Mobile

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

4.1 Mitigation Measures Mobile

Increase Transit Accessibility

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.2485	12.1717	16.7264	0.0620	4.1789	0.0496	4.2285	1.1199	0.0466	1.1665		6,292.362 2	6,292.362 2	0.2868		6,299.532 6
Unmitigated	2.2826	12.4434	17.5877	0.0657	4.4886	0.0525	4.5411	1.2030	0.0493	1.2522		6,670.393 2	6,670.393 2	0.2954		6,677.777 7

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Single Family Housing	1,370.88	1,370.88	1370.88	2,102,491	1,957,419
Total	1,370.88	1,370.88	1,370.88	2,102,491	1,957,419

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
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Single Family Housing	6.92	2.92	3.25	42.60	21.00	36.40	86	11	3

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142
Single Family Housing	0.499712	0.039404	0.220288	0.124864	0.021993	0.006021	0.030614	0.046741	0.001428	0.001188	0.005840	0.000765	0.001142

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575
NaturalGas Unmitigated	0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136

Lincoln Meadows (Mitigated) - Placer County APCD Air District, 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					
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
Single Family Housing	12619.9	0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136
Total		0.1361	1.1630	0.4949	7.4200e-003		0.0940	0.0940		0.0940	0.0940		1,484.6908	1,484.6908	0.0285	0.0272	1,493.5136

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					
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
Single Family Housing	9.38313	0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575
Total		0.1012	0.8647	0.3680	5.5200e-003		0.0699	0.0699		0.0699	0.0699		1,103.8976	1,103.8976	0.0212	0.0202	1,110.4575

6.0 Area Detail

6.1 Mitigation Measures Area

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior
- Use Low VOC Paint - Non-Residential Exterior
- Use only Natural Gas Hearths
- Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.5866	2.2871	12.8177	0.0144		0.2396	0.2396		0.2396	0.2396	0.0000	2,765.883 3	2,765.883 3	0.0733	0.0503	2,782.709 6
Unmitigated	227.2142	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

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	0.8961					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.5811					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	220.3769	4.3037	272.0313	0.4928		38.1414	38.1414		38.1414	38.1414	3,999.129 2	1,677.176 5	5,676.305 7	3.6905	0.3146	5,862.308 4
Landscaping	0.3601	0.1373	11.9029	6.3000e-004		0.0658	0.0658		0.0658	0.0658		21.4127	21.4127	0.0207		21.9300
Total	227.2142	4.4410	283.9342	0.4935		38.2071	38.2071		38.2071	38.2071	3,999.129 2	1,698.589 2	5,697.718 4	3.7112	0.3146	5,884.238 4

Lincoln Meadows (Mitigated) - Placer County APCD Air District, 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	0.8961					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.0788					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2516	2.1498	0.9148	0.0137		0.1738	0.1738		0.1738	0.1738	0.0000	2,744.4706	2,744.4706	0.0526	0.0503	2,760.7796
Landscaping	0.3601	0.1373	11.9029	6.3000e-004		0.0658	0.0658		0.0658	0.0658		21.4127	21.4127	0.0207		21.9300
Total	8.5866	2.2871	12.8177	0.0144		0.2396	0.2396		0.2396	0.2396	0.0000	2,765.8833	2,765.8833	0.0733	0.0503	2,782.7096

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Lincoln Meadows (Mitigated) - Placer County APCD Air District, Summer

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

Lincoln Meadows (Mitigated)
Placer County APCD Air District, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Cranes	Diesel	No Change	0	1	No Change	0.00
Excavators	Diesel	No Change	0	2	No Change	0.00
Forklifts	Diesel	No Change	0	3	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Graders	Diesel	No Change	0	1	No Change	0.00
Pavers	Diesel	No Change	0	2	No Change	0.00
Paving Equipment	Diesel	No Change	0	2	No Change	0.00
Rollers	Diesel	No Change	0	2	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	4	No Change	0.00
Scrapers	Diesel	No Change	0	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	9	No Change	0.00
Welders	Diesel	No Change	0	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	1.27060E-001	8.76800E-001	9.55500E-001	1.55000E-003	5.82000E-002	5.82000E-002	0.00000E+000	1.33280E+002	1.33280E+002	1.02900E-002	0.00000E+000	1.33537E+002
Cranes	2.09910E-001	2.47781E+000	9.80410E-001	2.63000E-003	1.03440E-001	9.51700E-002	0.00000E+000	2.33904E+002	2.33904E+002	7.48800E-002	0.00000E+000	2.35776E+002
Excavators	1.30100E-002	1.39310E-001	1.47400E-001	2.30000E-004	6.76000E-003	6.22000E-003	0.00000E+000	2.12112E+001	2.12112E+001	6.60000E-003	0.00000E+000	2.13763E+001
Forklifts	2.26250E-001	2.03956E+000	1.84932E+000	2.39000E-003	1.51790E-001	1.39640E-001	0.00000E+000	2.12448E+002	2.12448E+002	6.80200E-002	0.00000E+000	2.14148E+002
Generator Sets	2.10720E-001	1.81664E+000	1.93447E+000	3.43000E-003	1.03360E-001	1.03360E-001	0.00000E+000	2.95038E+002	2.95038E+002	1.69700E-002	0.00000E+000	2.95462E+002
Graders	1.16900E-002	1.60370E-001	4.30800E-002	1.50000E-004	5.21000E-003	4.80000E-003	0.00000E+000	1.36745E+001	1.36745E+001	4.26000E-003	0.00000E+000	1.37809E+001
Pavers	1.96000E-003	2.16500E-002	1.75600E-002	3.00000E-005	1.06000E-003	9.70000E-004	0.00000E+000	2.57531E+000	2.57531E+000	8.00000E-004	0.00000E+000	2.59536E+000
Paving Equipment	1.43000E-003	1.59500E-002	1.52200E-002	2.00000E-005	7.80000E-004	7.20000E-004	0.00000E+000	2.23170E+000	2.23170E+000	6.90000E-004	0.00000E+000	2.24907E+000
Rollers	1.55000E-003	1.49600E-002	1.16100E-002	2.00000E-005	1.03000E-003	9.50000E-004	0.00000E+000	1.43647E+000	1.43647E+000	4.50000E-004	0.00000E+000	1.44765E+000
Rubber Tired Dozers	6.12200E-002	6.59400E-001	2.29770E-001	4.50000E-004	3.20500E-002	2.94900E-002	0.00000E+000	4.09677E+001	4.09677E+001	1.27500E-002	0.00000E+000	4.12865E+001
Scrapers	5.16100E-002	6.38620E-001	3.95400E-001	6.80000E-004	2.51700E-002	2.31500E-002	0.00000E+000	6.22473E+001	6.22473E+001	1.93800E-002	0.00000E+000	6.27318E+001
Tractors/Loaders/Backhoes	3.11410E-001	3.12590E+000	3.32554E+000	4.52000E-003	1.99890E-001	1.83900E-001	0.00000E+000	4.02003E+002	4.02003E+002	1.28490E-001	0.00000E+000	4.05215E+002
Welders	1.80860E-001	8.18590E-001	9.22280E-001	1.33000E-003	4.54700E-002	4.54700E-002	0.00000E+000	9.82512E+001	9.82512E+001	1.47300E-002	0.00000E+000	9.86193E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	1.27060E-001	8.76800E-001	9.55500E-001	1.55000E-003	5.82000E-002	5.82000E-002	0.00000E+000	1.33280E+002	1.33280E+002	1.02900E-002	0.00000E+000	1.33537E+002
Cranes	2.09910E-001	2.47780E+000	9.80410E-001	2.63000E-003	1.03440E-001	9.51700E-002	0.00000E+000	2.33903E+002	2.33903E+002	7.48800E-002	0.00000E+000	2.35776E+002
Excavators	1.30100E-002	1.39310E-001	1.47400E-001	2.30000E-004	6.76000E-003	6.22000E-003	0.00000E+000	2.12112E+001	2.12112E+001	6.60000E-003	0.00000E+000	2.13762E+001
Forklifts	2.26250E-001	2.03956E+000	1.84932E+000	2.39000E-003	1.51790E-001	1.39640E-001	0.00000E+000	2.12447E+002	2.12447E+002	6.80200E-002	0.00000E+000	2.14148E+002
Generator Sets	2.10720E-001	1.81664E+000	1.93447E+000	3.43000E-003	1.03360E-001	1.03360E-001	0.00000E+000	2.95038E+002	2.95038E+002	1.69700E-002	0.00000E+000	2.95462E+002
Graders	1.16900E-002	1.60370E-001	4.30800E-002	1.50000E-004	5.21000E-003	4.80000E-003	0.00000E+000	1.36745E+001	1.36745E+001	4.26000E-003	0.00000E+000	1.37809E+001
Pavers	1.96000E-003	2.16500E-002	1.75600E-002	3.00000E-005	1.06000E-003	9.70000E-004	0.00000E+000	2.57531E+000	2.57531E+000	8.00000E-004	0.00000E+000	2.59535E+000
Paving Equipment	1.43000E-003	1.59500E-002	1.52200E-002	2.00000E-005	7.80000E-004	7.20000E-004	0.00000E+000	2.23170E+000	2.23170E+000	6.90000E-004	0.00000E+000	2.24907E+000
Rollers	1.55000E-003	1.49600E-002	1.16100E-002	2.00000E-005	1.03000E-003	9.50000E-004	0.00000E+000	1.43647E+000	1.43647E+000	4.50000E-004	0.00000E+000	1.44765E+000
Rubber Tired Dozers	6.12200E-002	6.59400E-001	2.29760E-001	4.50000E-004	3.20500E-002	2.94900E-002	0.00000E+000	4.09676E+001	4.09676E+001	1.27500E-002	0.00000E+000	4.12864E+001
Scrapers	5.16100E-002	6.38620E-001	3.95400E-001	6.80000E-004	2.51700E-002	2.31500E-002	0.00000E+000	6.22473E+001	6.22473E+001	1.93800E-002	0.00000E+000	6.27317E+001
Tractors/Loaders/Balckhoes	3.11410E-001	3.12590E+000	3.32553E+000	4.52000E-003	1.99890E-001	1.83900E-001	0.00000E+000	4.02003E+002	4.02003E+002	1.28490E-001	0.00000E+000	4.05215E+002
Welders	1.80860E-001	8.18590E-001	9.22280E-001	1.33000E-003	4.54700E-002	4.54700E-002	0.00000E+000	9.82511E+001	9.82511E+001	1.47300E-002	0.00000E+000	9.86192E+001

No	Unpaved Road Mitigation	Moisture Content %		Vehicle Speed (mph)			
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.11	0.03	0.11	0.03	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.68	0.18	0.68	0.18	0.00	0.00
Grading	Fugitive Dust	0.15	0.08	0.15	0.08	0.00	0.00
Grading	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Fugitive Dust	0.18	0.10	0.18	0.10	0.00	0.00
Site Preparation	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	7.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.38	2.38	2.39	2.25	2.38
Hearth	99.89	50.05	99.66	97.23	99.54	99.54	100.00	-63.64	51.65	98.57	84.02	52.91
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	1.81	2.31	4.31	5.60	5.49	5.41	0.00	5.65	5.65	2.66	0.00	5.65
Natural Gas	25.64	25.65	25.65	25.19	25.64	25.64	0.00	25.65	25.65	25.69	25.72	25.65
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting: Low Density Suburban

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.06	0.26		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
Yes	Land Use	Increase Transit Accessibility	0.06	1.21		
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.05			

Yes	Neighborhood Enhancements	Improve Pedestrian Network	2.00	Project Site and Connecting Off-Site		
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.02			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.07			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"	3.00			
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00			2.00
No	Commute	Provide Ride Sharing Program	5.00			
	Commute	Commute Subtotal	0.00			

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.07		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
Yes	Only Natural Gas Hearth	
No	No Hearth	
Yes	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	100.00
Yes	Use Low VOC Paint (Residential Exterior)	100.00
Yes	Use Low VOC Paint (Non-residential Interior)	100.00
Yes	Use Low VOC Paint (Non-residential Exterior)	100.00
Yes	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
Yes	Exceed Title 24	28.00	
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
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Institute Recycling and Composting Services Percent Reduction in Waste Disposed	
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