

Urbemis 2007 Version 9.2.4

Combined Winter Emissions Reports (Pounds/Day)

File Name: C:\Documents and Settings\JPaukovits\Application Data\Urbemis\Version9a\Projects\Rocklin Commons - Phase II Construction Emissions.urb924

Project Name: Rocklin Commons

Project Location: Placer County APCD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
2011 TOTALS (lbs/day unmitigated)	13.46	17.14	19.72	0.01	0.06	1.20	1.25	0.02	1.10	1.12	2,816.69
2012 TOTALS (lbs/day unmitigated)	13.17	16.12	18.65	0.01	0.06	1.09	1.15	0.02	1.00	1.02	2,817.05
2013 TOTALS (lbs/day unmitigated)	12.88	15.07	17.66	0.01	0.06	0.98	1.04	0.02	0.90	0.92	2,817.36

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Winter Pounds Per Day, Unmitigated

<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
------------	------------	-----------	------------	------------------	---------------------	-------------	-------------------	----------------------	--------------	------------



9/11/2008 12:25:52 PM

Time Slice 1/1/2013-4/3/2013 Active Days: 41	<u>12.88</u>	<u>15.07</u>	<u>17.66</u>	<u>0.01</u>	<u>0.06</u>	<u>0.98</u>	<u>1.04</u>	<u>0.02</u>	<u>0.90</u>	<u>0.92</u>	<u>2,817.36</u>
Building 04/03/2011-04/03/2013	3.14	15.06	17.58	0.01	0.06	0.98	1.04	0.02	0.90	0.92	2,805.73
Building Off Road Diesel	2.88	13.91	10.20	0.00	0.00	0.93	0.93	0.00	0.86	0.86	1,621.20
Building Vendor Trips	0.07	0.81	0.69	0.00	0.01	0.03	0.04	0.00	0.03	0.03	234.32
Building Worker Trips	0.20	0.34	6.69	0.01	0.05	0.02	0.07	0.02	0.02	0.04	950.21
Coating 04/03/2011-04/03/2013	9.74	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.64
Architectural Coating	9.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.64

Phase Assumptions

Phase: Building Construction 4/3/2011 - 4/3/2013 - Type Your Description Here

Off-Road Equipment:

- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Forklifts (145 hp) operating at a 0.3 load factor for 6 hours per day
- 1 Generator Sets (49 hp) operating at a 0.74 load factor for 8 hours per day
- 1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day
- 3 Welders (45 hp) operating at a 0.45 load factor for 8 hours per day

Phase: Architectural Coating 4/3/2011 - 4/3/2013 - Type Your Description Here

- Rule: Residential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250
- Rule: Residential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250
- Rule: Nonresidential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250
- Rule: Nonresidential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

