

EXISTING ORDINANCE: CONSTRUCTION & OPERATIONAL

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Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
2011 TOTALS (lbs/day unmitigated)	140.51	656.47	235.98	0.69	7,637.59	24.19	7,661.78	1,595.35	22.25	1,617.60	91,092.31
2012 TOTALS (lbs/day unmitigated)	6,866.16	800.97	1,213.55	1.65	7,642.66	29.54	7,672.20	1,597.15	26.95	1,624.11	195,494.75

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10	PM2.5	CO2
TOTALS (lbs/day, unmitigated)	304.60	59.70	228.93	0.01	0.65	0.65	73,606.03

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10	PM2.5	CO2
TOTALS (lbs/day, unmitigated)	529.52	747.77	6,405.50	4.84	980.58	187.97	510,228.72

SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10	PM2.5	CO2
TOTALS (lbs/day, unmitigated)	834.12	807.47	6,634.43	4.85	981.23	188.62	563,834.75

PROPOSED: TOTAL CONSTRUCTION & OPERATIONAL

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Summary Report:

CONSTRUCTION EMISSION ESTIMATES

Total Construction

	ROG	NOX	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
2011 TOTALS (lbs/day unmitigated)	24.58	151.60	73.05	0.07	696.86	7.35	704.21	145.56	6.76	152.33	17,361.05
2012 TOTALS (lbs/day unmitigated)	629.67	177.66	172.43	0.15	697.32	8.76	706.08	145.73	8.04	153.76	28,940.46
		329.26					1410.29			306.09	

AREA SOURCE EMISSION ESTIMATES

TOTALS (lbs/day, unmitigated)	ROG	NOX	CO	SO2	PM10	PM2.5	CO2
	27.79	5.45	20.89	0.00	0.06	0.06	6,716.29

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

TOTALS (lbs/day, unmitigated)	ROG	NOX	CO	SO2	PM10	PM2.5	CO2
	48.32	68.23	584.48	0.44	89.47	17.15	46,556.56

SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

TOTAL OPERATIONAL	ROG	NOX	CO	SO2	PM10	PM2.5	CO2
TOTALS (lbs/day, unmitigated)	176.11	73.68	605.37	0.44	89.53	17.21	53,272.85

149.79

ALTERNATIVE 2A (212 UNITS): CONSTRUCTION & OPERATIONAL

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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)	13.61	79.42	43.14	0.03	353.54	4.56	358.09	73.85	4.19	78.04	8,959.50
2012 TOTALS (lbs/day unmitigated)	321.07	102.60	100.57	0.08	353.77	5.89	359.66	73.93	5.41	79.34	15,945.71

AREA SOURCE EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	14.10	2.77	10.59	0.00	0.04	0.03	3,406.35

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	24.51	34.61	296.43	0.22	45.38	8.70	23,612.42

SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10</u>	<u>PM2.5</u>	<u>CO2</u>
TOTALS (lbs/day, unmitigated)	38.61	37.38	307.02	0.22	45.42	8.73	27,018.77

75.99

ALTERNATIVE 2B (279 UNITS): TOTAL CONSTRUCTION & OPERATIONAL

Summary Report for Summer Emissions (Pounds/Day)

File Name: C:\Users\asingewald\Desktop\Ag Cluster GHG - Proposed Ord.urb924

Project Name: SLO County Ag Cluster Ord - Proposed Ord

Project Location: San Luis Obispo County APCD

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES

	ROG	NOX	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
2011 TOTALS (lbs/day unmitigated)	18.88	118.97	60.17	0.05	465.18	6.06	471.24	97.17	5.58	102.75	13,338.35
2012 TOTALS (lbs/day unmitigated)	421.44	142.05	130.69	0.10	465.49	7.38	472.87	97.28	6.77	104.05	21,818.47
	440.32	261.02	190.86	0.15	930.67	13.44	944.11	194.45	12.35	206.8	35,156.82

AREA SOURCE EMISSION ESTIMATES

	ROG	NOX	CO	SO2	PM10	PM2.5	CO2
TOTALS (lbs/day, unmitigated)	18.55	3.64	13.94	0.00	0.04	0.04	4,482.88

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOX	CO	SO2	PM10	PM2.5	CO2
TOTALS (lbs/day, unmitigated)	32.25	45.54	390.12	0.30	59.72	11.45	31,074.83
	77.79						

DETAILED CONSTRUCTION REPORT 5 YEAR BUILD-OUT (83.6 UNITS/YR)

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Urbemis 2007 Version 9.2.4

Combined Summer Emissions Reports (Pounds/Day)

File Name: C:\Users\asingewald\Desktop\Ag Cluster GHG - Proposed Ord.urb924

Project Name: SLO County Ag Cluster Ord - Proposed Ord

Project Location: San Luis Obispo County APCD

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

Time Slice	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
11/30/2011-12/27/2011 Active Days: 20	3.98	31.74	18.64	0.00	139.41	1.69	141.10	29.12	1.55	30.67	3,145.90
Fine Grading 11/30/2011-01/11/2012	3.98	31.74	18.64	0.00	139.41	1.69	141.10	29.12	1.55	30.67	3,145.90
Fine Grading Dust	0.00	0.00	0.00	0.00	139.40	0.00	139.40	29.11	0.00	29.11	0.00
Fine Grading Off Road Diesel	3.91	31.61	16.82	0.00	0.00	1.68	1.68	0.00	1.55	1.55	3,007.48
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.07	0.14	1.82	0.00	0.01	0.00	0.01	0.00	0.00	0.01	138.42

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Time Slice 12/28/2011-12/30/2011 Active Days: 3	8.61	54.79	32.32	0.02	139.47	3.22	142.69	29.13	2.96	32.10	5,836.88
Asphalt 12/28/2011-01/11/2012	4.63	23.05	13.68	0.01	0.06	1.53	1.59	0.02	1.41	1.43	2,690.98
Paving Off-Gas	1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.34	14.17	8.17	0.00	0.00	1.24	1.24	0.00	1.14	1.14	1,131.92
Paving On Road Diesel	0.51	8.66	2.60	0.01	0.05	0.29	0.34	0.02	0.27	0.28	1,337.59
Paving Worker Trips	0.11	0.22	2.91	0.00	0.01	0.01	0.02	0.00	0.01	0.01	221.48
Fine Grading 11/30/2011-01/11/2012	3.98	31.74	18.64	0.00	139.41	1.69	141.10	29.12	1.55	30.67	3,145.90
Fine Grading Dust	0.00	0.00	0.00	0.00	139.40	0.00	139.40	29.11	0.00	29.11	0.00
Fine Grading Off Road Diesel	3.91	31.61	16.82	0.00	0.00	1.68	1.68	0.00	1.55	1.55	3,007.48
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.07	0.14	1.82	0.00	0.01	0.00	0.01	0.00	0.00	0.01	138.42
Time Slice 1/2/2012-1/10/2012 Active Days: 7	8.23	51.00	31.01	0.02	139.47	2.97	142.43	29.13	2.73	31.86	5,836.81
Asphalt 12/28/2011-01/11/2012	4.46	21.26	13.10	0.01	0.06	1.43	1.48	0.02	1.31	1.33	2,690.94
Paving Off-Gas	1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.23	13.48	8.10	0.00	0.00	1.17	1.17	0.00	1.07	1.07	1,131.92
Paving On Road Diesel	0.47	7.57	2.33	0.01	0.05	0.25	0.30	0.02	0.23	0.25	1,337.59
Paving Worker Trips	0.10	0.20	2.68	0.00	0.01	0.01	0.02	0.00	0.01	0.01	221.44
Fine Grading 11/30/2011-01/11/2012	3.77	29.74	17.91	0.00	139.41	1.54	140.95	29.12	1.42	30.53	3,145.87
Fine Grading Dust	0.00	0.00	0.00	0.00	139.40	0.00	139.40	29.11	0.00	29.11	0.00
Fine Grading Off Road Diesel	3.71	29.61	16.24	0.00	0.00	1.54	1.54	0.00	1.42	1.42	3,007.48
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.06	0.13	1.67	0.00	0.01	0.00	0.01	0.00	0.00	0.01	138.40

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Time Slice 1/11/2012-1/11/2012 Active Days: 1	12.15	69.36	59.49	0.03	139.56	4.12	143.68	29.17	3.79	32.96	9,322.05
Asphalt 12/28/2011-01/11/2012	4.46	21.26	13.10	0.01	0.06	1.43	1.48	0.02	1.31	1.33	2,690.94
Paving Off-Gas	1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.23	13.48	8.10	0.00	0.00	1.17	1.17	0.00	1.07	1.07	1,131.92
Paving On Road Diesel	0.47	7.57	2.33	0.01	0.05	0.25	0.30	0.02	0.23	0.25	1,337.59
Paving Worker Trips	0.10	0.20	2.68	0.00	0.01	0.01	0.02	0.00	0.01	0.01	221.44
Building 01/11/2012-08/22/2012	3.92	18.36	28.48	0.02	0.09	1.16	1.25	0.03	1.06	1.09	3,485.24
Building Off Road Diesel	3.14	14.81	10.52	0.00	0.00	1.04	1.04	0.00	0.95	0.95	1,621.20
Building Vendor Trips	0.17	2.33	1.84	0.00	0.02	0.08	0.10	0.01	0.07	0.08	531.18
Building Worker Trips	0.61	1.22	16.13	0.01	0.07	0.04	0.11	0.03	0.03	0.06	1,332.86
Fine Grading 11/30/2011-01/11/2012	3.77	29.74	17.91	0.00	139.41	1.54	140.95	29.12	1.42	30.53	3,145.87
Fine Grading Dust	0.00	0.00	0.00	0.00	139.40	0.00	139.40	29.11	0.00	29.11	0.00
Fine Grading Off Road Diesel	3.71	29.61	16.24	0.00	0.00	1.54	1.54	0.00	1.42	1.42	3,007.48
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.06	0.13	1.67	0.00	0.01	0.00	0.01	0.00	0.00	0.01	138.40
Time Slice 1/12/2012-8/7/2012 Active Days: 149	3.92	18.36	28.48	0.02	0.09	1.16	1.25	0.03	1.06	1.09	3,485.24
Building 01/11/2012-08/22/2012	3.92	18.36	28.48	0.02	0.09	1.16	1.25	0.03	1.06	1.09	3,485.24
Building Off Road Diesel	3.14	14.81	10.52	0.00	0.00	1.04	1.04	0.00	0.95	0.95	1,621.20
Building Vendor Trips	0.17	2.33	1.84	0.00	0.02	0.08	0.10	0.01	0.07	0.08	531.18
Building Worker Trips	0.61	1.22	16.13	0.01	0.07	0.04	0.11	0.03	0.03	0.06	1,332.86

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Time Slice	8/8/2012-8/22/2012	128.38	18.60	31.72	0.02	0.11	1.16	1.27	0.04	1.07	1.10	3,753.00
Active Days:	11											
Building	01/11/2012-08/22/2012	3.92	18.36	28.48	0.02	0.09	1.16	1.25	0.03	1.06	1.09	3,485.24
Building	Off Road Diesel	3.14	14.81	10.52	0.00	0.00	1.04	1.04	0.00	0.95	0.95	1,621.20
Building	Vendor Trips	0.17	2.33	1.84	0.00	0.02	0.08	0.10	0.01	0.07	0.08	531.18
Building	Worker Trips	0.61	1.22	16.13	0.01	0.07	0.04	0.11	0.03	0.03	0.06	1,332.86
Coating	08/08/2012-09/05/2012	124.46	0.25	3.24	0.00	0.01	0.01	0.02	0.01	0.01	0.01	267.76
Architectural	Coating	124.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating	Worker Trips	0.12	0.25	3.24	0.00	0.01	0.01	0.02	0.01	0.01	0.01	267.76
Time Slice	8/23/2012-9/5/2012	124.46	0.25	3.24	0.00	0.01	0.01	0.02	0.01	0.01	0.01	267.76
Active Days:	10											
Coating	08/08/2012-09/05/2012	124.46	0.25	3.24	0.00	0.01	0.01	0.02	0.01	0.01	0.01	267.76
Architectural	Coating	124.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating	Worker Trips	0.12	0.25	3.24	0.00	0.01	0.01	0.02	0.01	0.01	0.01	267.76

Phase Assumptions

Phase: Fine Grading 11/30/2011 - 1/11/2012 - Default Fine Site Grading Description

Total Acres Disturbed: 27.87

Maximum Daily Acreage Disturbed: 6.97

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Graders (174 hp) operating at a 0.61 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day

2 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

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Phase: Paving 12/28/2011 - 1/11/2012 - Default Paving Description

Acres to be Paved: 6.97

Off-Road Equipment:

- 4 Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day
- 1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day
- 2 Paving Equipment (104 hp) operating at a 0.53 load factor for 6 hours per day
- 1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day

Phase: Building Construction 1/11/2012 - 8/22/2012 - Default Building Construction Description

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 8/8/2012 - 9/5/2012 - Default Architectural Coating Description

- Rule: Residential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 150
- Rule: Residential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 150
- 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

DETAILED CONSTRUCTION REPORT 20 YR BUILD-OUT (20.9 UNITS/YR)

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Urbemis 2007 Version 9.2.4

Combined Summer Emissions Reports (Pounds/Day)

File Name: C:\Users\asingewald\Desktop\Ag Cluster GHG - Proposed Ord.urb924

Project Name: SLO County Ag Cluster Ord - Proposed Ord

Project Location: San Luis Obispo County APCD

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2
Time Slice 11/30/2011-12/27/2011 Active Days: 20	2.88	23.55	13.41	0.00	34.81	1.18	7.27	1.08	8.35	2,358.06
Fine Grading 11/30/2011- 01/11/2012	2.88	23.55	13.41	0.00	34.81	1.18	7.27	1.08	8.35	2,358.06
Fine Grading Dust	0.00	0.00	0.00	0.00	34.80	0.00	7.27	0.00	7.27	0.00
Fine Grading Off Road Diesel	2.83	23.44	11.96	0.00	0.00	1.17	0.00	1.08	1.08	2,247.32
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.06	0.11	1.45	0.00	0.01	0.00	0.00	0.00	0.00	110.74

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Time Slice 12/28/2011-12/30/2011 Active Days: 3	6.01	41.08	26.04	0.01	34.83	2.58	37.41	7.28	2.37	9.65	4,185.49
Asphalt 12/28/2011-01/1/2012	3.13	17.53	12.63	0.01	0.02	1.40	1.43	0.01	1.29	1.30	1,827.43
Paving Off-Gas	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.48	15.15	9.07	0.00	0.00	1.33	1.33	0.00	1.22	1.22	1,272.04
Paving On Road Diesel	0.13	2.16	0.65	0.00	0.01	0.07	0.08	0.00	0.07	0.07	333.92
Paving Worker Trips	0.11	0.22	2.91	0.00	0.01	0.01	0.02	0.00	0.01	0.01	221.48
Fine Grading 11/30/2011- 01/1/2012	2.88	23.55	13.41	0.00	34.81	1.18	35.98	7.27	1.08	8.35	2,358.06
Fine Grading Dust	0.00	0.00	0.00	0.00	34.80	0.00	34.80	7.27	0.00	7.27	0.00
Fine Grading Off Road Diesel	2.83	23.44	11.96	0.00	0.00	1.17	1.17	0.00	1.08	1.08	2,247.32
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.06	0.11	1.45	0.00	0.01	0.00	0.01	0.00	0.00	0.00	110.74
Time Slice 1/2/2012-1/10/2012 Active Days: 7	5.71	38.49	25.10	0.01	34.83	2.39	37.22	7.28	2.19	9.47	4,185.42
Asphalt 12/28/2011-01/1/2012	2.97	16.44	12.25	0.01	0.02	1.31	1.33	0.01	1.20	1.21	1,827.39
Paving Off-Gas	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.34	14.35	8.99	0.00	0.00	1.24	1.24	0.00	1.14	1.14	1,272.04
Paving On Road Diesel	0.12	1.89	0.58	0.00	0.01	0.06	0.07	0.00	0.06	0.06	333.92
Paving Worker Trips	0.10	0.20	2.68	0.00	0.01	0.01	0.02	0.00	0.01	0.01	221.44
Fine Grading 11/30/2011- 01/1/2012	2.74	22.05	12.85	0.00	34.81	1.08	35.88	7.27	0.99	8.26	2,358.04
Fine Grading Dust	0.00	0.00	0.00	0.00	34.80	0.00	34.80	7.27	0.00	7.27	0.00
Fine Grading Off Road Diesel	2.69	21.95	11.51	0.00	0.00	1.07	1.07	0.00	0.99	0.99	2,247.32
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.10	1.34	0.00	0.01	0.00	0.01	0.00	0.00	0.00	110.72

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Time Slice 1/11/2012-1/11/2012 Active Days: 1	9.05	54.19	40.11	0.01	34.85	3.45	38.30	7.29	3.17	10.46	6,272.63
Asphalt 12/28/2011-01/11/2012	2.97	16.44	12.25	0.01	0.02	1.31	1.33	0.01	1.20	1.21	1,827.39
Paving Off-Gas	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.34	14.35	8.99	0.00	0.00	1.24	1.24	0.00	1.14	1.14	1,272.04
Paving On Road Diesel	0.12	1.89	0.58	0.00	0.01	0.06	0.07	0.00	0.06	0.06	333.92
Paving Worker Trips	0.10	0.20	2.68	0.00	0.01	0.01	0.02	0.00	0.01	0.01	221.44
Building 01/11/2012-08/22/2012	3.33	15.70	15.01	0.00	0.02	1.07	1.09	0.01	0.98	0.99	2,087.21
Building Off Road Diesel	3.14	14.81	10.52	0.00	0.00	1.04	1.04	0.00	0.95	0.95	1,621.20
Building Vendor Trips	0.04	0.58	0.46	0.00	0.01	0.02	0.02	0.00	0.02	0.02	132.79
Building Worker Trips	0.15	0.31	4.03	0.00	0.02	0.01	0.03	0.01	0.01	0.01	333.22
Fine Grading 11/30/2011-01/11/2012	2.74	22.05	12.85	0.00	34.81	1.08	35.88	7.27	0.99	8.26	2,358.04
Fine Grading Dust	0.00	0.00	0.00	0.00	34.80	0.00	34.80	7.27	0.00	7.27	0.00
Fine Grading Off Road Diesel	2.69	21.95	11.51	0.00	0.00	1.07	1.07	0.00	0.99	0.99	2,247.32
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.10	1.34	0.00	0.01	0.00	0.01	0.00	0.00	0.00	110.72
Time Slice 1/12/2012-8/7/2012 Active Days: 149	3.33	15.70	15.01	0.00	0.02	1.07	1.09	0.01	0.98	0.99	2,087.21
Building 01/11/2012-08/22/2012	3.33	15.70	15.01	0.00	0.02	1.07	1.09	0.01	0.98	0.99	2,087.21
Building Off Road Diesel	3.14	14.81	10.52	0.00	0.00	1.04	1.04	0.00	0.95	0.95	1,621.20
Building Vendor Trips	0.04	0.58	0.46	0.00	0.01	0.02	0.02	0.00	0.02	0.02	132.79
Building Worker Trips	0.15	0.31	4.03	0.00	0.02	0.01	0.03	0.01	0.01	0.01	333.22

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Time Slice	8/8/2012-8/22/2012	34.45	15.76	15.82	0.01	0.03	1.07	1.10	0.01	0.98	0.99	2,154.15
Active Days:	11											
Building	01/11/2012-08/22/2012	3.33	15.70	15.01	0.00	0.02	1.07	1.09	0.01	0.98	0.99	2,087.21
Building	Off Road Diesel	3.14	14.81	10.52	0.00	0.00	1.04	1.04	0.00	0.95	0.95	1,621.20
Building	Vendor Trips	0.04	0.58	0.46	0.00	0.01	0.02	0.02	0.00	0.02	0.02	132.79
Building	Worker Trips	0.15	0.31	4.03	0.00	0.02	0.01	0.03	0.01	0.01	0.01	333.22
Coating	08/08/2012-09/05/2012	31.11	0.06	0.81	0.00	0.00	0.00	0.01	0.00	0.00	0.00	66.94
Architectural	Coating	31.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating	Worker Trips	0.03	0.06	0.81	0.00	0.00	0.00	0.01	0.00	0.00	0.00	66.94
Time Slice	8/23/2012-9/5/2012	31.11	0.06	0.81	0.00	0.00	0.00	0.01	0.00	0.00	0.00	66.94
Active Days:	10											
Coating	08/08/2012-09/05/2012	31.11	0.06	0.81	0.00	0.00	0.00	0.01	0.00	0.00	0.00	66.94
Architectural	Coating	31.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating	Worker Trips	0.03	0.06	0.81	0.00	0.00	0.00	0.01	0.00	0.00	0.00	66.94

Phase Assumptions

- Phase: Fine Grading 11/30/2011 - 1/11/2012 - Default Fine Site Grading Description
- Total Acres Disturbed: 6.97
- Maximum Daily Acreage Disturbed: 1.74
- Fugitive Dust Level of Detail: Default
- 20 lbs per acre-day
- On Road Truck Travel (VMT): 0
- Off-Road Equipment:
 - 1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day
 - 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 6 hours per day
 - 1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day
 - 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

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Phase: Paving 12/28/2011 - 1/11/2012 - Default Paving Description

Acres to be Paved: 1.74

Off-Road Equipment:

- 4 Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day
- 1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day
- 1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day
- 1 Rollers (95 hp) operating at a 0.56 load factor for 7 hours per day
- 1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

Phase: Building Construction 1/1/2012 - 8/22/2012 - Default Building Construction Description

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 8/8/2012 - 9/5/2012 - Default Architectural Coating Description

- Rule: Residential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 150
- Rule: Residential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 150
- 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