APPENDIX C

AIR QUALITY DATA

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Urbemis 2007 Version 9.2.4

Summary Report for Summer Emissions (Pounds/Day)

File Name: P:\ABY0701 Albany Village\Background\Albany Whole Foods.urb924

Project Name: Albany Whole Foods

Project Location: Bay Area Air District

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
2012 TOTALS (lbs/day unmitigated)	8.09	49.35	60.77	0.04	194.19	2.78	196.96	40.58	2.55	43.13	8,651.72
2013 TOTALS (lbs/day unmitigated)	302.21	34.73	54.54	0.05	0.23	2.34	2.57	0.08	2.14	2.23	7,886.19

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10	PM2.5	CO2
TOTALS (lbs/day, unmitigated)	13.54	3.15	14.06	0.00	0.05	0.05	3,783.07

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10	PM2.5	CO2
TOTALS (lbs/day, unmitigated)	30.71	30.59	311.05	0.32	56.19	10.73	32,001.52

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SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10	PM2.5	CO2
TOTALS (lbs/day, unmitigated)	44.25	33.74	325.11	0.32	56.24	10.78	35,784.59

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Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Unmitigated Emissions (Pounds/Day)

File Name: P:\ABY0701 Albany Village\Background\Albany Whole Foods.urb924

Project Name: Albany Whole Foods

Project Location: Bay Area Air District

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10 Total	PM2.5 Dust	PM2.5 Exhaust	PM2.5 Total	CO2
Time Slice 3/1/2012-4/27/2012 Active Days: 42	3.75	29.68	17.47	0.00	194.01	1.54	195.55	40.52	1.42	41.93	3,135.02
Fine Grading 03/01/2012-04/30/2012	3.75	29.68	17.47	0.00	194.01	1.54	195.55	40.52	1.42	41.93	3,135.02
Fine Grading Dust	0.00	0.00	0.00	0.00	194.00	0.00	194.00	40.51	0.00	40.51	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	0.04	0.07	1.23	0.00	0.01	0.00	0.01	0.00	0.00	0.00	127.54
Time Slice 4/30/2012-4/30/2012 Active Days: 1	8.09	49.35	60.77	0.04	194.19	2.78	196.96	40.58	2.55	43.13	8,651.72
Building 04/30/2012-08/30/2013	4.34	19.67	43.30	0.04	0.18	1.24	1.42	0.06	1.13	1.19	5,516.70
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	0.25	3.21	2.66	0.01	0.03	0.12	0.15	0.01	0.11	0.12	782.19
Building Worker Trips	0.96	1.65	30.12	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,113.31
Fine Grading 03/01/2012-04/30/2012	3.75	29.68	17.47	0.00	194.01	1.54	195.55	40.52	1.42	41.93	3,135.02
Fine Grading Dust	0.00	0.00	0.00	0.00	194.00	0.00	194.00	40.51	0.00	40.51	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	0.04	0.07	1.23	0.00	0.01	0.00	0.01	0.00	0.00	0.00	127.54

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Time Slice 5/1/2012-12/31/2012 Active Days: 175	4.34	19.67	43.30	0.04	0.18	1.24	1.42	0.06	1.13	1.19	5,516.70
Building 04/30/2012-08/30/2013	4.34	19.67	43.30	0.04	0.18	1.24	1.42	0.06	1.13	1.19	5,516.70
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	0.25	3.21	2.66	0.01	0.03	0.12	0.15	0.01	0.11	0.12	782.19
Building Worker Trips	0.96	1.65	30.12	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,113.3
Time Slice 1/1/2013-5/28/2013 Active Days: 106	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.48
Building 04/30/2012-08/30/2013	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.48
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	0.23	2.85	2.49	0.01	0.03	0.11	0.14	0.01	0.10	0.11	782.23
Building Worker Trips	0.87	1.50	27.75	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,115.05
Time Slice 5/29/2013-7/12/2013 Active Days: 33	298.33	18.43	43.57	0.04	0.20	1.12	1.32	0.07	1.02	1.10	5,869.08
Building 04/30/2012-08/30/2013	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.48
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	0.23	2.85	2.49	0.01	0.03	0.11	0.14	0.01	0.10	0.11	782.23
Building Worker Trips	0.87	1.50	27.75	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,115.05
Coating 05/29/2013-07/18/2013	294.35	0.17	3.12	0.00	0.02	0.01	0.03	0.01	0.01	0.01	350.60
Architectural Coating	294.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.10	0.17	3.12	0.00	0.02	0.01	0.03	0.01	0.01	0.01	350.60

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Time Slice 7/15/2013-7/18/2013 Active Days: 4	**302.21**	34.73	54.54	**0.05**	0.23	2.34	2.57	0.08	2.14	2.23	7,886.19
Asphalt 07/15/2013-08/06/2013	3.88	16.31	10.98	0.01	0.03	1.22	1.25	0.01	1.12	1.13	2,017.10
Paving Off-Gas	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.10	12.84	8.03	0.00	0.00	1.09	1.09	0.00	1.00	1.00	1,131.92
Paving On Road Diesel	0.23	3.37	1.13	0.01	0.02	0.12	0.14	0.01	0.11	0.12	681.00
Paving Worker Trips	0.06	0.10	1.82	0.00	0.01	0.01	0.02	0.00	0.00	0.01	204.19
Building 04/30/2012-08/30/2013	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.48
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	0.23	2.85	2.49	0.01	0.03	0.11	0.14	0.01	0.10	0.11	782.23
Building Worker Trips	0.87	1.50	27.75	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,115.05
Coating 05/29/2013-07/18/2013	294.35	0.17	3.12	0.00	0.02	0.01	0.03	0.01	0.01	0.01	350.60
Architectural Coating	294.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.10	0.17	3.12	0.00	0.02	0.01	0.03	0.01	0.01	0.01	350.60
Time Slice 7/19/2013-8/6/2013 Active Days: 13	7.85	34.56	51.42	0.05	0.22	2.33	2.55	0.08	2.14	2.21	7,535.59
Asphalt 07/15/2013-08/06/2013	3.88	16.31	10.98	0.01	0.03	1.22	1.25	0.01	1.12	1.13	2,017.10
Paving Off-Gas	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.10	12.84	8.03	0.00	0.00	1.09	1.09	0.00	1.00	1.00	1,131.92
Paving On Road Diesel	0.23	3.37	1.13	0.01	0.02	0.12	0.14	0.01	0.11	0.12	681.00
Paving Worker Trips	0.06	0.10	1.82	0.00	0.01	0.01	0.02	0.00	0.00	0.01	204.19
Building 04/30/2012-08/30/2013	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.48
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	0.23	2.85	2.49	0.01	0.03	0.11	0.14	0.01	0.10	0.11	782.23
Building Worker Trips	0.87	1.50	27.75	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,115.05

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Time Slice 8/7/2013-8/30/2013 Active Days: 18	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.48
Building 04/30/2012-08/30/2013	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.48
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	0.23	2.85	2.49	0.01	0.03	0.11	0.14	0.01	0.10	0.11	782.23
Building Worker Trips	0.87	1.50	27.75	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,115.05

Phase Assumptions

Phase: Fine Grading 3/1/2012 - 4/30/2012 - Default Fine Site Grading Description

Total Acres Disturbed: 38.82

Maximum Daily Acreage Disturbed: 9.7

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

Phase: Paving 7/15/2013 - 8/6/2013 - Default Paving Description

Acres to be Paved: 9.7

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 4/30/2012 - 8/30/2013 - 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

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3 Welders (45 hp) operating at a 0.45 load factor for 8 hours per day

Phase: Architectural Coating 5/29/2013 - 7/18/2013 - Default Architectural Coating Description
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

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Detail Report for Winter Construction Unmitigated Emissions (Pounds/Day)

File Name: P:\ABY0701 Albany Village\Background\Albany Whole Foods.urb924

Project Name: Albany Whole Foods

Project Location: Bay Area Air District

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

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

	ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10 Total	PM2.5 Dust	PM2.5 Exhaust	PM2.5 Total	CO2
Time Slice 3/1/2012-4/27/2012 Active Days: 42	3.75	29.68	17.47	0.00	194.01	1.54	195.55	40.52	1.42	41.93	3,135.02
Fine Grading 03/01/2012-04/30/2012	3.75	29.68	17.47	0.00	194.01	1.54	195.55	40.52	1.42	41.93	3,135.02
Fine Grading Dust	0.00	0.00	0.00	0.00	194.00	0.00	194.00	40.51	0.00	40.51	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	0.04	0.07	1.23	0.00	0.01	0.00	0.01	0.00	0.00	0.00	127.54
Time Slice 4/30/2012-4/30/2012 Active Days: 1	8.09	**49.35**	**60.77**	0.04	**194.19**	**2.78**	**196.96**	**40.58**	**2.55**	**43.13**	**8,651.72**
Building 04/30/2012-08/30/2013	4.34	19.67	43.30	0.04	0.18	1.24	1.42	0.06	1.13	1.19	5,516.70
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	0.25	3.21	2.66	0.01	0.03	0.12	0.15	0.01	0.11	0.12	782.19
Building Worker Trips	0.96	1.65	30.12	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,113.31
Fine Grading 03/01/2012-04/30/2012	3.75	29.68	17.47	0.00	194.01	1.54	195.55	40.52	1.42	41.93	3,135.02
Fine Grading Dust	0.00	0.00	0.00	0.00	194.00	0.00	194.00	40.51	0.00	40.51	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	0.04	0.07	1.23	0.00	0.01	0.00	0.01	0.00	0.00	0.00	127.54

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Time Slice 5/1/2012-12/31/2012 Active Days: 175	4.34	19.67	43.30	0.04	0.18	1.24	1.42	0.06	1.13	1.19	5,516.70
Building 04/30/2012-08/30/2013	4.34	19.67	43.30	0.04	0.18	1.24	1.42	0.06	1.13	1.19	5,516.70
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	0.25	3.21	2.66	0.01	0.03	0.12	0.15	0.01	0.11	0.12	782.19
Building Worker Trips	0.96	1.65	30.12	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,113.31
Time Slice 1/1/2013-5/28/2013 Active Days: 106	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.43
Building 04/30/2012-08/30/2013	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.43
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	0.23	2.85	2.49	0.01	0.03	0.11	0.14	0.01	0.10	0.11	782.23
Building Worker Trips	0.87	1.50	27.75	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,115.05
Time Slice 5/29/2013-7/12/2013 Active Days: 33	298.33	18.43	43.57	0.04	0.20	1.12	1.32	0.07	1.02	1.10	5,869.08
Building 04/30/2012-08/30/2013	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.48
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	0.23	2.85	2.49	0.01	0.03	0.11	0.14	0.01	0.10	0.11	782.23
Building Worker Trips	0.87	1.50	27.75	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,115.05
Coating 05/29/2013-07/18/2013	294.35	0.17	3.12	0.00	0.02	0.01	0.03	0.01	0.01	0.01	350.60
Architectural Coating	294.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.10	0.17	3.12	0.00	0.02	0.01	0.03	0.01	0.01	0.01	350.60

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Time Slice 7/15/2013-7/18/2013 Active Days: 4	**302.21**	34.73	54.54	**0.05**	0.23	2.34	2.57	0.08	2.14	2.23	7,886.19
Asphalt 07/15/2013-08/06/2013	3.88	16.31	10.98	0.01	0.03	1.22	1.25	0.01	1.12	1.13	2,017.10
Paving Off-Gas	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.10	12.84	8.03	0.00	0.00	1.09	1.09	0.00	1.00	1.00	1,131.92
Paving On Road Diesel	0.23	3.37	1.13	0.01	0.02	0.12	0.14	0.01	0.11	0.12	681.00
Paving Worker Trips	0.06	0.10	1.82	0.00	0.01	0.01	0.02	0.00	0.00	0.01	204.19
Building 04/30/2012-08/30/2013	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.48
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	0.23	2.85	2.49	0.01	0.03	0.11	0.14	0.01	0.10	0.11	782.23
Building Worker Trips	0.87	1.50	27.75	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,115.05
Coating 05/29/2013-07/18/2013	294.35	0.17	3.12	0.00	0.02	0.01	0.03	0.01	0.01	0.01	350.60
Architectural Coating	294.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.10	0.17	3.12	0.00	0.02	0.01	0.03	0.01	0.01	0.01	350.60
Time Slice 7/19/2013-8/6/2013 Active Days: 13	7.85	34.56	51.42	0.05	0.22	2.33	2.55	0.08	2.14	2.21	7,535.59
Asphalt 07/15/2013-08/06/2013	3.88	16.31	10.98	0.01	0.03	1.22	1.25	0.01	1.12	1.13	2,017.10
Paving Off-Gas	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	2.10	12.84	8.03	0.00	0.00	1.09	1.09	0.00	1.00	1.00	1,131.92
Paving On Road Diesel	0.23	3.37	1.13	0.01	0.02	0.12	0.14	0.01	0.11	0.12	681.00
Paving Worker Trips	0.06	0.10	1.82	0.00	0.01	0.01	0.02	0.00	0.00	0.01	204.19
Building 04/30/2012-08/30/2013	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.48
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	0.23	2.85	2.49	0.01	0.03	0.11	0.14	0.01	0.10	0.11	782.23
Building Worker Trips	0.87	1.50	27.75	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,115.05

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Time Slice 8/7/2013-8/30/2013 Active Days: 18	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.48
Building 04/30/2012-08/30/2013	3.97	18.26	40.44	0.04	0.18	1.12	1.30	0.06	1.02	1.08	5,518.48
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	0.23	2.85	2.49	0.01	0.03	0.11	0.14	0.01	0.10	0.11	782.23
Building Worker Trips	0.87	1.50	27.75	0.03	0.15	0.08	0.23	0.05	0.06	0.12	3,115.05

Phase Assumptions

Phase: Fine Grading 3/1/2012 - 4/30/2012 - Default Fine Site Grading Description

Total Acres Disturbed: 38.82

Maximum Daily Acreage Disturbed: 9.7

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

Phase: Paving 7/15/2013 - 8/6/2013 - Default Paving Description

Acres to be Paved: 9.7

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 4/30/2012 - 8/30/2013 - 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

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3 Welders (45 hp) operating at a 0.45 load factor for 8 hours per day

Phase: Architectural Coating 5/29/2013 - 7/18/2013 - Default Architectural Coating Description
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

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Urbemis 2007 Version 9.2.4

Summary Report for Winter Emissions (Pounds/Day)

File Name: P:\ABY0701 Albany Village\Background\Albany Whole Foods.urb924

Project Name: Albany Whole Foods

Project Location: Bay Area Air District

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
2012 TOTALS (lbs/day unmitigated)	8.09	49.35	60.77	0.04	194.19	2.78	196.96	40.58	2.55	43.13	8,651.72
2013 TOTALS (lbs/day unmitigated)	302.21	34.73	54.54	0.05	0.23	2.34	2.57	0.08	2.14	2.23	7,886.19

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10	PM2.5	CO2
TOTALS (lbs/day, unmitigated)	11.76	3.00	1.61	0.00	0.01	0.01	3,762.10

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10	PM2.5	CO2
TOTALS (lbs/day, unmitigated)	36.96	45.16	358.63	0.27	56.19	10.73	27,677.69

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SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10	PM2.5	CO2
TOTALS (lbs/day, unmitigated)	48.72	48.16	360.24	0.27	56.20	10.74	31,439.79