APPENDIX C

AIR QUALITY DATA
### 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 : Emfack2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

### CONSTRUCTION EMISSION ESTIMATES

<table>
<thead>
<tr>
<th></th>
<th>ROG</th>
<th>NOx</th>
<th>CO</th>
<th>SO2</th>
<th>PM10 Dust</th>
<th>PM10 Exhaust</th>
<th>PM2.5 Dust</th>
<th>PM2.5 Exhaust</th>
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<td>49.35</td>
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### AREA SOURCE EMISSION ESTIMATES

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### OPERATIONAL (VEHICLE) EMISSION ESTIMATES

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### SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

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### CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

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<tr>
<td>Building 4/30/2012-08/30/2013</td>
<td>4.34 19.67 43.30 0.04 0.18 1.24 1.42 0.06 1.13 1.19 5,516.70</td>
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<th>Architectural Coating</th>
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</tbody>
</table>
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
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
**Urbemis 2007 Version 9.2.4**

**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)

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<th>SO2</th>
<th>PM10 Dust</th>
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<th>PM10 Total</th>
<th>PM2.5 Dust</th>
<th>PM2.5 Exhaust</th>
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<th>CO2</th>
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<tbody>
<tr>
<td>3/1/2012-4/27/2012 Active Days: 42</td>
<td>3.75</td>
<td>29.68</td>
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<td>Fine Grading 03/01/2012-04/30/2012</td>
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**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
2. Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day
3. Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day
4. 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:**

1. Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day
2. Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day
3. Paving Equipment (104 hp) operating at a 0.53 load factor for 6 hours per day
4. 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 8 hours per day
2. Forklifts (145 hp) operating at a 0.3 load factor for 6 hours per day
3. Generator Sets (49 hp) operating at a 0.74 load factor for 8 hours per day
4. 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 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
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

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<th>SO2</th>
<th>PM10 Dust</th>
<th>PM10 Exhaust</th>
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AREA SOURCE EMISSION ESTIMATES

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OPERATIONAL (VEHICLE) EMISSION ESTIMATES

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SUM OF AREA SOURCE AND OPERATIONAL EMISSION ESTIMATES

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<th>PM10</th>
<th>PM2.5</th>
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<td>48.16</td>
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