

**Perimeter Baseline Air Monitoring Results**  
**Aerovox Excavation 2008**  
**New Bedford, MA**  
**May 29 - June 2 2008**

| <b>Action Levels</b>                |                       |                            |                        |
|-------------------------------------|-----------------------|----------------------------|------------------------|
| Air Contaminant                     | 8-hour TLV            | Perimeter Assessment Value | Perimeter Action Limit |
| Vinyl Chloride (VC)                 | 1 ppmv                | 0.1 ppmv                   | 0.2 ppmv               |
| Perchloroethene (PCE)               | 25 ppmv               | 2.5 ppmv                   | 5 ppmv                 |
| Trichloroethene (TCE)               | 10 ppmv               | 1 ppmv                     | 2 ppmv                 |
| 1,2-Dichloroethene (1,2-DCE)        | 200 ppmv              | 20 ppmv                    | 40 ppmv                |
| Hydrogen Sulfide (H <sub>2</sub> S) | 10 ppmv               | 1 ppmv                     | 2 ppmv                 |
| PCBs                                | 0.5 mg/m <sup>3</sup> | 0.05 mg/m <sup>3</sup>     | 0.1 mg/m <sup>3</sup>  |
| Particulates                        | 0.3 mg/m <sup>3</sup> | 0.3 mg/m <sup>3</sup>      | 0.3 mg/m <sup>3</sup>  |

TLV - threshold limit value, exposure level for 8-hour occupational exposure per ACGIH (American Conference of Governmental Industrial Hygienists)

Perimeter Assessment Value - 1/10th of TLV for VOCs; TLV for particulates

Perimeter Action Limit - 2/10th of TLV for 15 minutes; TLV for particulates. Exceedance will prompt corrective action.

| ID   | Aerovox Site Location  | Date      | Time | H <sub>2</sub> S ppmv <sup>(1)</sup> | VOC ppmv <sup>(2)</sup> | Draeger Tube ppmv <sup>(3)</sup> | Particulates mg/m <sup>3</sup> <sup>(4)</sup> | Lab Sample Results ppbv <sup>(5)</sup> |
|------|--|-----------|------|--------------------------------------|-------------------------|----------------------------------|---|--|
| 6472 | SE Corner of trailer Deck at Area C                          | 5/29/2008 | 1600 | NA                                   | NA                      | NA                               | NA  | all NDs                                |
| 2601 | Aerovox South gate   | 5/29/2008 | 1620 | NA                                   | NA                      | NA                               | NA  | all NDs                                |
| 4503 | Aerovox perimeter fence at SE Building corner                | 5/29/2008 | 1625 | NA                                   | NA                      | NA                               | NA  | all NDs                                |
| 1287 | Duplicate with Aerovox perimeter fence at SE Building corner | 5/29/2008 | 1625 | NA                                   | NA                      | NA                               | NA  | all NDs                                |
| 1212 | Aerovox perimeter fence at combined sewer outfall            | 5/29/2008 | 1630 | ND                                   | NA                      | NA                               | NA  | all NDs                                |
|      | Southern Fenceline   | 6/2/2008  | 1400 | ND                                   | 0.6                     | NA                               | NA  | PCE=0.216                              |
|      | Southwest Fenceline  | 6/2/2008  | 1420 | ND                                   | 0.6                     | NA                               | NA  | PCE=0.254                              |

**Notes:**

(1) H<sub>2</sub>S - hydrogen sulfide

(2) PID - photoionization detector, real-time screening instrument for total volatile organic compounds (VOCs) in parts per million by volume (ppmv).

(3) Draeger Tube - real-time screening device that is used to identify and measure concentrations of individual compounds in ppmv.

(4) Particulates measured as total respirable dust in air at Aerovox only (for Portland cement); not measured if raining.

(5) The first five listed Laboratory samples were collected in Summa Cannisters over 4 hour collection time. The analytical method used was TO-14 for 37 compounds.

The last 2 listed samples were collected in tedlar bags using a pump. These were analyzed for 9 compounds. Only detected VOCs are listed.

PCE - perchloroethene (also called tetrachloroethene)

TCE - trichloroethene

VC - vinyl chloride

1,2-DCA - 1,2-dichloroethane

1,2-DCE = cis-1,2-dichloroethene

ND = nondetect

NA = not analyzed

NR = not recorded; readings were made during excavation operations; exact times were not recorded.

TWA = time weighted average; readings collected continuously over an 8-hour period to measure exposure for one day.

mg/m<sup>3</sup> - milligrams of respirable dust per cubic meter of air

**Perimeter Air Monitoring Results**

**Aerovox Excavation 2008**

**New Bedford MA**

**June 2-6 2008**

| Action Levels  |                       |                            |  |  |                        |  |  |  |
|--|-----------------------|----------------------------|--|--|------------------------|--|--|--|
| Air Contaminant  | 8-hour TLV            | Perimeter Assessment Value |  |  | Perimeter Action Limit |  |  |  |
| Vinyl Chloride (VC)  | 1 ppmv                | 0.1 ppmv                   |  |  | 0.2 ppmv               |  |  |  |
| Perchloroethene (PCE)  | 25 ppmv               | 2.5 ppmv                   |  |  | 5 ppmv                 |  |  |  |
| Trichloroethene (TCE)  | 10 ppmv               | 1 ppmv                     |  |  | 2 ppmv                 |  |  |  |
| 1,2-Dichloroethene (1,2-DCE)   | 200 ppmv              | 20 ppmv                    |  |  | 40 ppmv                |  |  |  |
| Hydrogen Sulfide (H2S)   | 10 ppmv               | 1 ppmv                     |  |  | 2 ppmv                 |  |  |  |
| Particulates   | 0.3 mg/m <sup>3</sup> | 0.3 mg/m <sup>3</sup>      |  |  | 0.3 mg/m <sup>3</sup>  |  |  |  |
| PCBs   | 0.5 mg/m <sup>3</sup> | 0.25 mg/m <sup>3</sup>     |  |  | 0.25 mg/m <sup>3</sup> |  |  |  |
| TLV - threshold limit value, exposure level for 8-hour occupational exposure per ACGIH (American Conference of Governmental Industrial Hygienists) |                       |                            |  |  |                        |  |  |  |
| Perimeter Assessment Value - 1/10th of TLV for VOCs; TLV for particulates  |                       |                            |  |  |                        |  |  |  |
| Perimeter Action Limit - 2/10th of TLV for 15 minutes; TLV for particulates. Exceedance will prompt corrective action.                             |                       |                            |  |  |                        |  |  |  |

| Aerovox Site Location  | Date     | Time | H <sub>2</sub> S <sup>(1)</sup><br>ppmv | VOCs <sup>(2)</sup><br>ppmv | Draeger Tube <sup>(3)</sup><br>ppmv | Particulates <sup>(4)</sup><br>mg/m <sup>3</sup> | Lab Sample Results <sup>(5)</sup><br>ppbv            | Total PCBs<br>mg/m <sup>3</sup> |
|--|----------|------|---|-----------------------------|-------------------------------------|--|--|---------------------------------|
| Southern Fenceline   | 6/3/2008 | 1010 | ND                                      | 1.4-3.2                     | VC< 0.5<br>PCE < 2                  | 0.012  | ND   |                                 |
|  | 6/4/2008 | 1655 | ND                                      | ND                          | NA                                  | NA   | NA   |                                 |
|  | 6/5/2008 | 1011 | ND                                      | ND                          | NA                                  | 0.034  | ND   |                                 |
|  | 6/6/2008 | 1310 | ND                                      | ND                          | NA                                  | NA   | NA   |                                 |
| Southwest Fence<br>by Aerovox gate                           | 6/3/2008 | 1120 | ND                                      | 1.1                         | NA                                  | NA   | ND   |                                 |
|  | 6/4/2008 | 1458 | ND                                      | ND                          | NA                                  | NA   | NA   |                                 |
|  | 6/5/2008 | 1127 | ND                                      | 1.3                         | NA                                  | NA   | ND   |                                 |
|  | 6/6/2008 | 1319 | ND                                      | ND                          | NA                                  | NA   | NA   |                                 |
| Belleville Avenue  | 6/2/2008 | 1522 | NA                                      | NA                          | NA                                  | NA   | ND   |                                 |
|  | 6/3/2008 | 1522 | ND                                      | ND                          | NA                                  | NA   | ND   |                                 |
|  | 6/4/2008 | 1720 | ND                                      | 1.1                         | NA                                  | NA   | NA   |                                 |
|  | 6/5/2008 | 1325 | ND                                      | ND                          | NA                                  | NA   | ND   | NA                              |
|  | 6/6/2008 | 1340 | ND                                      | ND                          | NA                                  | NA   | NA   | NA                              |
| Northern Fenceline<br>adjacent to Precix                     | 6/2/2008 | 1600 | NA                                      | NA                          | NA                                  | NA   | PCE = 0.241  |                                 |
|  | 6/3/2008 | 1600 | ND                                      | ND                          | NA                                  | NA   | cis-1,2-DCE=0.664<br>TCE=0.68<br>VC=0.232            |                                 |
|  | 6/4/2008 | 1645 | ND                                      | ND                          | NA                                  | NA   | NA   | NA                              |
|  | 6/5/2008 | 1400 | ND                                      | 1.3                         | NA                                  | 0.024  | ND   | NA                              |
|  | 6/6/2008 | 1400 | ND                                      | ND                          | NA                                  | NA   | NA   | NA                              |
| Sawyer Street Location                                       | Date     | Time | H <sub>2</sub> S <sup>(1)</sup><br>ppmv | VOCs <sup>(2)</sup><br>ppmv | Draeger Tube <sup>(3)</sup><br>ppmv | Particulates <sup>(4)</sup><br>mg/m <sup>3</sup> | Lab Sample Results <sup>(5)</sup><br>ppbv            | Total PCBs<br>mg/m <sup>3</sup> |
| Ropeworks Building   |          |      |   |                             |                                     |  |  |                                 |
| Southeast corner of building                                 | 6/4/2008 | 1020 | 0                                       | 0                           | NA                                  | NA   | ND   | NA                              |
|  | 6/6/2008 | 940  | 0                                       | 0                           | NA                                  | NA   |  | NA                              |
| North Perimeter Fence<br>North of Cell #1 at perimeter fence | 6/4/2008 | 949  | 0                                       | 0                           | NA                                  | NA   |  | NA                              |
|  | 6/4/2008 | 1120 | ND                                      | ND                          | NA                                  | NA   | cis-1,2-DCE=3.45<br>TCE=2.52<br>VC=1.13              |                                 |
|  |          | 1127 | ND                                      | ND                          | NA                                  | NA   | NA   |                                 |
|  | 6/6/2008 | 1027 | ND                                      | ND                          | NA                                  | NA   | cis-1,2-DCE=14.2<br>PCE=0.262<br>TCE=9.38<br>VC=5.02 |                                 |
| East Fence<br>East gate to office trailers                   |          | 1030 | ND                                      | ND                          | NA                                  | NA   |  | NA                              |
|  | 6/4/2008 | 1140 | ND                                      | ND                          | NA                                  | NA   | NA   | NA                              |
|  | 6/6/2008 | 1008 | ND                                      | ND                          | NA                                  | NA   | TCE=0.210  | NA                              |
| South Perimeter Fence<br>Between Cell #1 and Sawyer Street   |          | 1018 | ND                                      | ND                          | NA                                  | NA   |  | NA                              |
|  | 6/4/2008 | 1210 | ND                                      | ND                          | NA                                  | NA   | ND   | NA                              |
|  | 6/6/2008 | 955  | ND                                      | ND                          | NA                                  | NA   | PCE=0.206  | NA                              |
|  |          | 1000 | ND                                      | ND                          | NA                                  | NA   |  | NA                              |

**Notes:**

(1) H<sub>2</sub>S - hydrogen sulfide

(2) PID - photoionization detector, real-time screening instrument for total volatile organic compounds (VOCs) in parts per million by volume (ppmv).

(3) Draeger Tube - real-time screening device that is used to identify and measure concentrations of individual compounds in ppmv.

(4) Particulates measured as total respirable dust in air at Aerovox only (for Portland cement); not measured if raining.

(5) Laboratory samples are collected in Tedlar bags using a pump, and analyzed for nine individual VOCs. Only detected VOCs are reported here.

(6) Draeger tubes readings taken in Contaminant Reduction Zone and Exclusion Zone were ND for all contaminants

PCE - perchloroethene (also called tetrachloroethene)

TCE - trichloroethene

VC - vinyl chloride

1,2-DCA - 1,2-dichloroethane

cis-1,2-DCE - cis-1,2-dichloroethene

ND = nondetect

NA = not analyzed

NR = not recorded; readings were made during excavation operations; exact times were not recorded.

TWA = time weighted average; readings collected continuously over a 10 to 12-hour period to measure exposure for one day.

mg/m<sup>3</sup>=milligrams of respirable dust per cubic meter of air

ppmv=parts per million by volume

ppbv=parts per billion by volume

**Perimeter Air Monitoring Results  
Aerovox Excavation 2008  
New Bedford, MA  
June 9-13 2008**

| <b>Action Levels</b>                |                       |                            |                        |
|-------------------------------------|-----------------------|----------------------------|------------------------|
| Air Contaminant                     | 8-hour TLV            | Perimeter Assessment Value | Perimeter Action Limit |
| Vinyl Chloride (VC)                 | 1 ppmv                | 0.1 ppmv                   | 0.2 ppmv               |
| Perchloroethene (PCE)               | 25 ppmv               | 2.5 ppmv                   | 5 ppmv                 |
| Trichloroethene (TCE)               | 10 ppmv               | 1 ppmv                     | 2 ppmv                 |
| 1,2-Dichloroethene (1,2-DCE)        | 200 ppmv              | 20 ppmv                    | 40 ppmv                |
| PCBs                                | 0.5 mg/m <sup>3</sup> | 0.05 mg/m <sup>3</sup>     | 0.1 mg/m <sup>3</sup>  |
| Hydrogen Sulfide (H <sub>2</sub> S) | 10 ppmv               | 1 ppmv                     | 2 ppmv                 |
| Particulates                        | 0.3 mg/m <sup>3</sup> | 0.3 mg/m <sup>3</sup>      | 0.3 mg/m <sup>3</sup>  |

TLV - threshold limit value, exposure level for 8-hour occupational exposure per ACGIH (American Conference of Governmental Industrial Hygienists)

Perimeter Assessment Value - 1/10th of TLV for VOCs; TLV for particulates

Perimeter Action Limit - 2/10th of TLV for 15 minutes; TLV for particulates. Exceedance will prompt corrective action.

| ID       | Aerovox Site Location   | Date      | Time | H <sub>2</sub> S <sup>(1)</sup> (ppmv) | VOC (2) (ppmv) | Draeger Tube <sup>(3)</sup> (ppmv) | Particulates (mg/m <sup>3</sup> ) <sup>(4)</sup> | Lab Sample Results (ppbv) <sup>(5)</sup>            |
|----------|---|-----------|------|--|----------------|------------------------------------|--|---|
| FencSou  | <b>Southern Fenceline</b><br>Hadley Street,<br>adjacent NE corner of Titleist | 6/9/2008  | 1125 | ND                                     | 2.5            | VC < 0.5<br>TCE < 2                | NA   | PCE = 0.454   |
|          |   | 6/10/2008 | 1030 | ND                                     | 1.0            | NA                                 | 0.087  | PCE = 0.564<br>TCE = 0.684<br>VC = 0.309            |
|          |   | 6/11/2008 | 1540 | ND                                     | ND             | NA                                 | NA   | PCE = 0.219   |
|          |   | 6/12/2008 | 1430 | ND                                     | ND             | NA                                 |  | NA  |
|          |   | 6/13/2008 | 1100 | ND                                     | ND             | NA                                 | NA   | NA  |
| FencSou1 | <b>Southwest Fence</b><br>by Aerovox gate                                     | 6/9/2008  | 1140 | ND                                     | 3.5            | VC < 0.5<br>TCE < 2<br>PCE < 2     | NA   | PCE = 0.573   |
|          |   | 6/10/2008 | 1046 | ND                                     | 1.0            | NA                                 | NA   | PCE = 0.302<br>TCE = 0.228<br>VC = 0.210            |
|          |   | 6/11/2008 | 1527 | ND                                     | ND             | NA                                 | 0.017  | PCE = 0.220   |
|          |   | 6/12/2008 | 1530 | ND                                     | ND             | NA                                 |  | NA  |
|          |   | 6/13/2008 | 1120 | ND                                     | ND             | NA                                 | NA   | NA  |
| BellSt   | <b>Belleville Avenue</b><br>corner of Hadley and Belleville                   | 6/9/2008  | 1100 | ND                                     | 1.9            | VC < 0.5                           | NA   | PCE = 0.729   |
|          |   | 6/10/2008 | 1105 | ND                                     | 1.0            | NA                                 | NA   | 1,2-DCA = 0.252<br>PCE = 0.324<br>t-1,2-DCE = 0.202 |
|          |   | 6/11/2008 | 1510 | ND                                     | ND             | NA                                 | NA   | PCE = 0.225   |
|          |   | 6/12/2008 | 1630 | ND                                     | ND             | NA                                 |  | NA  |
|          |   | 6/13/2008 | 1145 | ND                                     | ND             | NA                                 | NA   | NA  |
|          |   | 6/14/2008 | 900  | ND                                     | ND             | NA                                 | NA   | cis-1,2-DCE=0.268                                   |
|          |   |           |      |  |                |                                    |  | PCE=0.333   |
|          |   |           |      |  |                |                                    |  | TCE=2.30  |
|          |   |           |      |  |                |                                    |  |   |

|          |   |           |      |                                      |                         |                                  |   |  |
|----------|---|-----------|------|--------------------------------------|-------------------------|----------------------------------|---|--|
| Precix   | <b>Northern Fenceline</b><br>adjacent to Precix                     | 6/9/2008  | 1110 | ND                                   | 1.6                     | VC < 0.5                         | NA  | PCE = 0.535  |
|          |   | 6/10/2008 | 1425 | ND                                   | 2.3                     | VC < 0.5<br>TCE < 2              | NA  | PCE = 0.264  |
|          |   | 6/11/2008 | 1450 | ND                                   | 1.1                     | NA                               | NA  | PCE = 0.361<br>TCE = 0.366                           |
|          |   | 6/12/2008 | 1730 | ND                                   | ND                      | NA                               |   | NA   |
|          |   | 6/13/2008 | 1230 | ND                                   | ND                      | NA                               | NA  | NA   |
|          |   | 6/14/2008 | 800  | ND                                   | ND                      | NA                               | 0.017   | cis-1,2-DCE=0.643<br>PCE=0.455<br>TCE=5.94           |
|          |   |           | 1130 | ND                                   | ND                      | NA                               |   | cis-1,2-DCE=1.11<br>PCE=0.366<br>TCE=5.88            |
| ARCRope  | <b>Sawyer Street Location</b>                                       |           | 1400 | ND                                   | ND                      | NA                               |   | cis-1,2-DCE=1.60<br>PCE=0.254<br>TCE=6.94<br>VC=1.40 |
|          |   | Date      | Time | H <sub>2</sub> S <sup>(1)</sup> ppmv | VOC <sup>(2)</sup> ppmv | Draeger Tube <sup>(3)</sup> ppmv | Particulates <sup>(4)</sup> mg/m <sup>3</sup> | Lab Sample Results <sup>(5)</sup> ppbv               |
|          |   | 6/12/2008 | 1640 | ND                                   | ND                      | NA                               | NA  | NA   |
|          |   | 6/12/2008 | 1650 | ND                                   | ND                      | NA                               | NA  | NA   |
|          |   | 6/12/2008 | 1640 | ND                                   | ND                      | NA                               | NA  | NA   |
|          |   |           | TWA  | ND                                   | ND                      |                                  |   |  |
|          |   | 6/13/2008 | TWA  | 0.1                                  | ND                      |                                  |   |  |
| ARCLiteP | <b>North Perimeter Fence</b><br>North of Cell #1 at perimeter fence | 6/12/2008 | 1650 | ND                                   | ND                      | NA                               | NA  | NA   |
|          |   | 6/12/2008 | 1640 | ND                                   | ND                      | NA                               | NA  | NA   |
| ARCFencS | <b>South Perimeter Fence</b><br>between Cell #1 and Sawyer Street   | 6/12/2008 | 1640 | ND                                   | ND                      | NA                               | NA  | NA   |
|          |   | 6/13/2008 | TWA  | 0.1                                  | ND                      |                                  |   |  |
| ARCFencS | <b>South Perimeter Fence</b><br>between Cell #1 and Sawyer Street   | 6/14/2008 | TWA  | ND                                   | ND                      |                                  |   |  |

**Notes:**

(1) H<sub>2</sub>S - hydrogen sulfide

(2) PID - photoionization detector, real-time screening instrument for total volatile organic compounds (VOCs) in parts per million by volume (ppmv).

(3) Draeger Tube - real-time screening device that is used to identify and measure concentrations of individual compounds in ppmv.

(4) Particulates measured as total respirable dust in air at Aerovox only (for Portland cement); not measured if raining.

(5) Laboratory samples are collected in Tedlar bags using a pump, and analyzed for nine individual VOCs. Only detected VOCs are reported here. Units are ppbv.

PCE=perchloroethene (also called tetrachloroethene)

TCE=trichloroethene

VC=vinyl chloride

1,2-DCA = 1,2-dichloroethane

t-1,2-DCE = trans-1,2-dichloroethene

ND = nondetect

NA = not analyzed

NR = not recorded; readings were made during excavation operations; exact times were not recorded.

TWA = time weighted average; readings collected continuously over an 10 to 12-hour period to measure exposure for one day.

mg/m<sup>3</sup> - milligrams of respirable dust per cubic meter of air

**Perimeter Air Monitoring Results**  
**Aerovox Excavation 2008**  
**New Bedford, MA**  
**June 14-20 2008**

| Action Levels  |                       |             |   |                             |                                     |  |   |                                 |
|--|-----------------------|-------------|---|-----------------------------|-------------------------------------|--|---|---------------------------------|
| Air Contaminant  | 8-hour TLV            |             | Perimeter Assessment Value              |                             | Perimeter Action Limit              |  |   |                                 |
| Vinyl Chloride (VC)  | 1 ppmv                |             | 0.1 ppmv                                |                             | 0.2 ppmv                            |  |   |                                 |
| Perchloroethene (PCE)  | 25 ppmv               |             | 2.5 ppmv                                |                             | 5 ppmv                              |  |   |                                 |
| Trichloroethene (TCE)  | 10 ppmv               |             | 1 ppmv                                  |                             | 2 ppmv                              |  |   |                                 |
| 1,2-Dichloroethene (1,2-DCE)   | 200 ppmv              |             | 20 ppmv                                 |                             | 40 ppmv                             |  |   |                                 |
| Hydrogen Sulfide (H2S)   | 10 ppmv               |             | 1 ppmv                                  |                             | 2 ppmv                              |  |   |                                 |
| Particulates   | 0.3 mg/m <sup>3</sup> |             | 0.3 mg/m <sup>3</sup>                   |                             | 0.3 mg/m <sup>3</sup>               |  |   |                                 |
| PCBs   | 0.5 mg/m <sup>3</sup> |             | 0.05 mg/m <sup>3</sup>                  |                             | 0.1 mg/m <sup>3</sup>               |  |   |                                 |
| TLV - threshold limit value, exposure level for 8-hour occupational exposure per ACGIH (American Conference of Governmental Industrial Hygienists) |                       |             |   |                             |                                     |  |   |                                 |
| Perimeter Assessment Value - 1/10th of TLV for VOCs; TLV for particulates  |                       |             |   |                             |                                     |  |   |                                 |
| Perimeter Action Limit - 2/10th of TLV for 15 minutes; TLV for particulates. Exceedance will prompt correctiveaction.                              |                       |             |   |                             |                                     |  |   |                                 |
| Aerovox Site Location  | Date                  | Time        | H <sub>2</sub> S <sup>(1)</sup><br>ppmv | VOCs <sup>(2)</sup><br>ppmv | Draeger Tube <sup>(3)</sup><br>ppmv | Particulates <sup>(4)</sup><br>mg/m <sup>3</sup> | Lab Sample Results <sup>(5)</sup><br>ppbv                   | Total PCBs<br>mg/m <sup>3</sup> |
| Southern Fenceline   | 6/14/2008             | Not Sampled |   |                             |                                     |  |   |                                 |
|  | 6/16/2008             | 1349        | ND                                      | ND                          | NA                                  | 0.039  | NA  |                                 |
|  |                       | 1438        | ND                                      | 1.00                        | NA                                  | NA   | NA  |                                 |
|  | 6/17/2008             | 1420        | ND                                      | 1.00                        | NA                                  | NA   | 1,2-DCA=0.205<br>cis-1,2-DCE=0.641<br>TCE=0.674<br>VC=0.416 |                                 |
|  |                       |             |   |                             |                                     |  | NA  |                                 |
|  | 6/18/2008             | 1455        | ND                                      | 1.5                         | NA                                  | NA   | NA  |                                 |
|  |                       | 1502        | ND                                      | 1.8                         | VC<0.5<br>PCE<2                     | NA   | NA  |                                 |
|  | 6/19/2008             | 1445        | ND                                      | ND                          | NA                                  | NA   | NA  |                                 |
|  |                       | 1700        | ND                                      | ND                          | NA                                  | NA   | NA  |                                 |
|  | 6/20/2008             | 1000        | ND                                      | ND                          | NA                                  | NA   | NA  |                                 |
|  | 1645                  | ND          | ND                                      | NA                          | NA                                  | NA   |   |                                 |
| Southwest Fence<br>by Aerovox gate   | 6/14/2008             | Not Sampled |   |                             |                                     |  |   |                                 |
|  | 6/16/2008             | 1357        | ND                                      | ND                          | NA                                  | NA   | NA  |                                 |
|  |                       | 1458        | ND                                      | 3.2 <sup>(6)</sup>          | NA                                  | NA   | NA  |                                 |
|  | 6/17/2008             | 1400        | ND                                      | 1.6                         | VC<0.5<br>PCE<2                     | NA   | cis-1,2-DCE=0.247<br>TCE=0.361<br>VC=0.210                  |                                 |
|  |                       |             |   |                             |                                     |  | NA  |                                 |
|  | 6/18/2008             | 1445        | ND                                      | 1.1                         | NA                                  | NA   | NA  |                                 |
|  |                       | 1450        | ND                                      | 1.4                         | NA                                  | NA   | NA  |                                 |
|  | 6/19/2008             | 1415        | ND                                      | ND                          | NA                                  | NA   | NA  |                                 |
|  |                       | 1650        | ND                                      | ND                          | NA                                  | NA   | NA  |                                 |
|  | 6/20/2008             | 1045        | ND                                      | ND                          | NA                                  | NA   | NA  |                                 |
|  | 1700                  | ND          | ND                                      | NA                          | NA                                  | NA   |   | 0.00003442                      |
| Belleville Avenue  | 6/14/2008             | 900         | ND                                      | ND                          | NA                                  | NA   | PCE = 0.333<br>cis-1,2-DCE=0.268<br>TCE=2.30                |                                 |
|  |                       |             |   |                             |                                     |  | NA  |                                 |
|  | 6/16/2008             | 1405        | ND                                      | ND                          | NA                                  | NA   | NA  |                                 |
|  |                       | 1552        | ND                                      | ND                          | NA                                  | NA   | NA  |                                 |
|  | 6/17/2008             | 1344        | ND                                      | 4.1                         | VC<0.5 PCE<2                        | NA   | TCE=0.233   | NA                              |
|  |                       | 1354        | ND                                      | 4.8                         | NA                                  | NA   |   | NA                              |
|  | 6/18/2008             | 1435        | ND                                      | ND                          | NA                                  | NA   | NA  | NA                              |
|  |                       | 1440        | ND                                      | ND                          | NA                                  | NA   | NA  | NA                              |
|  | 6/19/2008             | 1400        | ND                                      | ND                          | NA                                  | NA   | NA  | NA                              |
|  |                       | 1630        | ND                                      | ND                          | NA                                  | NA   | NA  |                                 |
|  | 1145                  | ND          | ND                                      | NA                          | NA                                  | NA   | NA  |                                 |
| 6/20/2008  | 1100                  | ND          | ND                                      | NA                          | NA                                  | NA   |   | 0.00002586                      |
|  | 1715                  | ND          | ND                                      | NA                          | NA                                  | Na   |   |                                 |

|   |  |  |      |   |                             |                                     |  |  |                                 |
|---|--|--|------|---|-----------------------------|-------------------------------------|--|--|---------------------------------|
| Precix  | Northern Fenceline<br>adjacent to Precix                     | 6/14/2008  | 800  | ND                                      | ND                          | NA                                  | 0.017  | PCE = 0.455<br>cis-1,2-DCE=0.643<br>TCE=5.94<br>cis-1,2-DCE=1.11<br>PCE=0.366<br>TCE=5.88<br>VC=2.12<br>cis-1,2-DCE=1.60<br>PCE=0.254<br>TCE=6.94<br>VC=1.40<br>NA<br>NA<br>NA |                                 |
|   |  |  | 1130 | ND                                      | ND                          | NA                                  | NA   |  |                                 |
|   |  |  | 1400 | ND                                      | ND                          | NA                                  | NA   |  |                                 |
|   |  | 6/16/2008  | 1415 | ND                                      | ND                          | NA                                  | NA   | NA   |                                 |
|   |  |  | 1559 | ND                                      | ND                          | NA                                  | NA   | NA   |                                 |
|   |  | 6/17/2008  | 1300 | ND                                      | ND                          | NA                                  | 0.05   | cis-1,2 DCE=1.02<br>TCE=1.42<br>VC=0.765<br>NA<br>NA<br>NA   |                                 |
|   |  | 6/18/2008  | 1415 | ND                                      | ND                          | NA                                  | 0.018  |  |                                 |
|   |  |  | 1429 | ND                                      | 1.1                         | NA                                  | NA   |  |                                 |
|   |  | 6/19/2008  | 1510 | ND                                      | ND                          | NA                                  | NA   |  |                                 |
|   |  |  | 1715 | ND                                      | ND                          | NA                                  | NA   |  |                                 |
|   |  | 6/20/2008  | 1110 | ND                                      | ND                          | NA                                  | NA   | NA   |                                 |
|   |  |  | 1730 | ND                                      | ND                          | NA                                  | NA   |  |                                 |
|   | Sawyer Street Location                                       | Date   | Time | H <sub>2</sub> S <sup>(1)</sup><br>ppmv | VOCs <sup>(2)</sup><br>ppmv | Draeger Tube <sup>(3)</sup><br>ppmv | Particulates <sup>(4)</sup><br>mg/m <sup>3</sup> | Lab Sample Results <sup>(5)</sup><br>ppbv  | Total PCBs<br>mg/m <sup>3</sup> |
| ARCRope   | Ropeworks Building<br>Southeast corner of building           | No Sampling or Monitoring at this location during subject time period. |      |   |                             |                                     |  |  |                                 |
| ARCLiteP  | North Perimeter Fence<br>North of Cell #1 at perimeter fence | 6/18/2008  | 1518 | ND                                      | 1.4                         | NA                                  | NA   | NA   |                                 |
|   |  |  | 1520 | ND                                      | 1.2                         | NA                                  | NA   | NA   |                                 |
| ARCFencS  | South Perimeter Fence<br>Between Cell #1 and Sawyer Street   | No Sampling or Monitoring at this location during subject time period. |      |   |                             |                                     |  |  |                                 |
| <b>Notes:</b><br>(1) H <sub>2</sub> S - hydrogen sulfide<br>(2) PID - photoionization detector, real-time screening instrument for total volatile organic compounds (VOCs) in parts per million by volume (ppmv).<br>(3) Draeger Tube - real-time screening device that is used to identify and measure concentrations of individual compounds in ppmv.<br>(4) Particulates measured as total respirable dust in air at Aerovox only (for Portland cement); not measured if raining.<br>(5) Laboratory samples are collected in Tedlar bags using a pump, and analyzed for nine individual VOCs. Only detected VOCs are reported here.<br>(6) Draeger tubes readings taken in Contaminant Reduction Zone and Exclusion Zone were ND for all contaminants<br>PCE - perchloroethene (also called tetrachloroethene)<br>TCE - trichloroethene<br>VC - vinyl chloride<br>1,2-DCA=1,2-dichloroethane<br>1,2-DCE=cis-1,2-dichloroethene<br>ND = nondetect<br>NA = not analyzed<br>TWA = time weighted average; readings collected continuously over a 10 to 12-hour period to measure exposure for one day.<br>mg/m <sup>3</sup> - milligrams of respirable dust per cubic meter of air<br>ppmv=parts per million by volume<br>ppbv=parts per billion by volume |  |  |      |   |                             |                                     |  |  |                                 |