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LETTER OF TRANSMITTAL

TO: New York State Department of Environmental
Conservation, Remedial Bureau A
625 Broadway, 11th Floor
Albany, New York 12207

| | |
|---|-------------------|
| DATE: 5/18/10 | JOB NO.: 14474.29 |
| ATTENTION: Jeff Dyber | |
| RE: Operation & Maintenance Report (Jan-Mar 2010) | |
| National Heatset Printing Co. (1-52-140) | |
| East Farmingdale, New York | |
| | |
| | |

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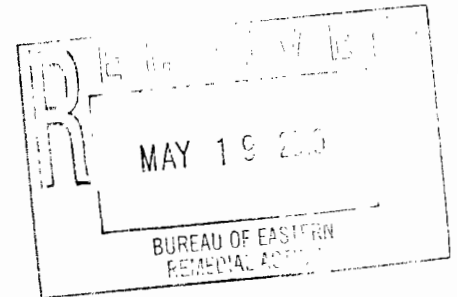
REMARKS EA is pleased to provide you with the above listed document. Should you have any questions or comments regarding this submittal, please do not hesitate to contact me at (315) 431-4610.

COPY TO

SIGNED Donald Conan
 Donald Conan P.E., Project Manager

18 May 2010

Mr. Jeff Dyber, P.E. - Environmental Engineer 2
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Eastern Remedial Action
625 Broadway
Albany, New York 12233



RE: National Heatset Printing Site / Soil Vapor Extraction System
Operation & Maintenance Report (January – March 2010)
1 Adams Boulevard, Farmingdale, New York
New York State Department of Environmental Conservation Site 1-52-140
EA Project No. 14474.29

Dear Mr. Dyber:

This letter report provides an overview of the ongoing operation of the soil vapor extraction (SVE) system at the National Heatset Printing site in Farmingdale, New York (Figure 1). EA Engineering, P.C. and its affiliate EA Science & Technology, Inc. (EA) assumed management of the on-site SVE system under Work Assignment No. D004441-29. The activities are being conducted under the New York State Department of Environmental Conservation (NYSDEC) State Superfund Standby Contract. SVE system details are presented in an Operation & Maintenance (O&M) Manual (Shaw, 2003)¹.

In accordance with our approved Work Plan, monthly site visits were performed up to the June 2009 event. After the June 2009 visit, the frequency of the O&M visits was changed to quarterly. The decision was made in coordination with NYSDEC and was based on the reliability of system operation and the potential cost savings in system monitoring/maintenance. During the reporting period, O&M visits were performed on the following dates by YEC personnel on behalf of EA.

| Date | Purpose |
|--|---|
| 3/29/10 | Scheduled Quarterly Visit ^(a) (March 2010) |
| 3/31/10 | Quarterly Visit (March 2010) |
| (a) System was off on arrival due to knock-out tank full of water. | |

¹ The Shaw Group. 2003. Soil Vapor Extraction Operation and Maintenance Manual. October.



1. SYSTEM OPERATION

Based on the motor's hour meter, the system was operational for a total of 1,642 hours out of an available 2,400 hours (68 percent of the total available) during this reporting period (21 December 2009 to 31 March 2010). The system was shut down during the reporting due to activation of the high level switch in the knock-out tank, on or around 27 February 2010 (based on hour meter readings). YEC personnel found the system off on arrival on 29 March 2010. The system could not be immediately restarted due to lack of drums to containerize the water in the knock-out tank. YEC returned to the site on 31 March 2010 to empty the knock-out tank, contain the water and restart the system. Seven drums of water were removed from the site.

Operational data for this period have been based on the measurements and effluent sample data collected on the dates listed above. The dilution valve was adjusted from the 75 percent open position to 25 percent open during the previous reporting period (4th Quarter 2009) by EA staff onsite for the DDC system installation. This adjustment was done to increase the vacuum and flow from the extraction well and in turn increase the mass recovery of the system.

During the first quarter of operation in 2010, the water table rose over 4 ft, generating water in the SVE knock-out tank and shutting the system down. The extraction well (MW-F) valve was opened to 75 percent position to lower the vacuum on the well to minimize water generation.

Operational data are summarized in Table 1 and on the site visit data collection forms provided in Attachment A. Key operating parameters for the SVE system are summarized below.

| Date | Extraction Well Flow rate (cfm) | Extraction Well Vacuum (H ₂ O) | SVE Blower Flow rate (cfm) | TCE Conc. ^(a) (mg/m ³) | PCE Conc. ^(a) (mg/m ³) |
|---------|---------------------------------|---|----------------------------|---|---|
| 3/31/10 | 100 | 82 | 255 | 0.09 | 0.69 |

^(a) PCE and TCE concentration measured via laboratory analysis.

NOTE: cfm = Cubic feet per minute.
PCE = Tetrachloroethylene.
TCE = Trichloroethene.

A complete set of operational data collected are presented in Tables 1 through 4.

Gray Electric installed an Autodialer for the system on 22 March 2010. The Autodialer will call out during future system shutdowns to notify O&M personnel, allowing for a timely response and restart in the future.



2. MONITORING PROBES

The following vacuum data (in. of water column) were observed at the listed vapor monitoring points during the monitoring period.

| Vapor Monitoring Point | 03/31/10 |
|------------------------|----------|
| VP-1 | 1.2 |
| VP-2 | 0.4 |
| VP-3 | 0.2 |
| VP-7 | 0.2 |
| VP-8 | 0.08 |
| VP-9 | 0.08 |
| VP-10 | - |
| VP-11 | - |
| VP-12 | - |
| VP-13 | - |
| VP-14 | - |
| VP-15 | 0.0 |

NOTE: - = Unable to access monitoring point due to closed business.

The vapor points will continue to be monitored during future site visits.

3. DEPTH-TO-WATER MEASUREMENTS

The following gauging data (ft below top-of-casing) were collected during the monitoring period.

| Date | MW-C | MW-E | MW-G |
|---------|-------|------|------|
| 3/31/10 | 11.09 | -- | -- |

NOTE: - = Unable to access monitoring point due to closed business.

Based on the gauging data, the water table rose approximately 4.5 ft during the monitoring period. The wells will continue to be gauged during future site visits.

4. AIR DISCHARGE MONITORING

YEC personnel collected grab air samples from the system effluent using Tedlar bags and submitted the samples to Alpha Analytical. The samples were analyzed for VOCs using U.S. Environmental Protection Agency Method TO-14. PCE, TCE, and *cis*-1,2-dichloroethene (*cis*-1,2-DCE) were detected at the following concentrations:



| Date | <i>cis</i> -1,2-DCE | TCE | PCE |
|--|---------------------|------|------|
| 3/31/10 | 0.02 | 0.04 | 0.69 |
| NOTE: ND = Not Detected J = Analyte detected below detection limits. Units = mg/m ³ | | | |

Analytical results are summarized in Table 2 and the laboratory data reports are presented in Attachment B. A summary of the field monitoring and laboratory air discharge analytical results are presented as Table 3.

Based on the effluent sampling results, a total of 1.7 lbs of PCE has been discharged during the year 2010 toward the permitted annual discharge limit of 270 lbs. A total of 0.1 lb of TCE has been discharged during the year 2009 toward the permitted annual discharge limit of 120 lbs. No *cis*-1,2-DCE was discharged during the reporting period (the annual discharge limit is 5,510 lbs).

5. CONCLUSIONS AND RECOMMENDATIONS

Based on the data collected from the SVE system during this reporting period, EA recommends continued operation of the SVE system.

Please do not hesitate to contact me at 315-431-4610 with any questions you might have regarding this report.

Sincerely,

EA SCIENCE AND
TECHNOLOGY, INC.

Donald F. Conan, P.E.
Project Manager

DFC/drs

Enclosures

TABLE 1
SUMMARY OF SOIL VAPOR EXTRACTION SYSTEM READINGS
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

| Date | Run Time Meter Reading (hours) | Run Time Since Last Visit (hours) | Operation Time Since Last Visit (%) | Dilution Valve Position (% Open) | Extraction Well MW-F Valve Position (% Open) | Air Flow at Well (scfm) | Vacuum at Well (inches H ₂ O) | Pre-Dilution PID (ppm) | Pre-Dilution PCE (ppm) | Influent SVE | | | | Mid GAC | | | | Effluent GAC | | | | | |
|------------------------------|--------------------------------|-----------------------------------|-------------------------------------|----------------------------------|--|-------------------------|--|------------------------|------------------------|--------------------|----------------------------------|------------|-----------|-----------|--------------------|------------|-----------|--------------|--------------------|------------|-----------|-----------|---|
| | | | | | | | | | | Blower Flow (cfm) | Vacuum (inches H ₂ O) | Temp. (°F) | PID (ppm) | PCE (ppm) | Flow (cfm) | Temp. (°F) | PID (ppm) | PCE (ppm) | Flow (cfm) | Temp. (°F) | PID (ppm) | PCE (ppm) | |
| SVE PILOT TEST STARTUP | | | | | | | | | | | | | | | | | | | | | | | |
| 9/18/2002 | — | — | — | — | — | — | — | — | — | 256 | 25 | 107.2 | 1.015 | — | 317 | 102.3 | 0 | — | 290 | 89.5 | 0 | — | |
| 9/30/2002 | 304 | 294 | 100% | 100 | 50 | 34.5 | 5 | 2,000 | 500 | 256 | 25 | 107.2 | 1.015 | — | 317 | 102.3 | 0 | — | 290 | 89.5 | 0 | — | |
| 10/14/2002 | 642 | 343 | 99% | 100 | 50 | 38 | 7 | 1,011 | 400 | 258 | 27 | — | 75.3 | 50 | — | 0 | 0 | — | — | — | — | — | |
| 11/19/2002 | 1508 | 862 | 98% | 100 | 50 | 49 | 12 | 0 | 0 | 120 | 28 | 106 | 0 | 0 | 209 | 92 | 0 | — | 290 | 80.3 | 0 | — | |
| 12/4/2002 | — | — | — | — | — | — | — | 77 | 200 | — | — | — | 14.3 | 10 | — | 15.5 | 10 | — | — | — | — | — | |
| 12/16/2002 | 2153 | 294 | 98% | 100 | 50 | 36.5 | 10 | 560 | 200 | 253 | 28 | 92 | 46.4 | 50 | 302 | 60 | 3.4 | — | 340 | 53.9 | 0 | — | |
| 1/11/2003 | 3016 | 882 | 98% | 100 | 50 | — | — | — | — | 70 | 52 | 98 | 0 | 0 | 220 | — | 0 | — | 220 | — | — | — | |
| 2/10/2003 | 3496 | 490 | 98% | 100 | 50 | 32 | — | 639 | 400 | 262 | 27 | 102 | 72 | 50 | 266 | 90 | 26 | 10 | 258 | 83 | 3.2 | 10 | |
| 3/18/2003 | 4360 | 882 | 98% | 100 | 50 | 98 | 12 | 125 | 100 | 266 | 25 | 123 | 15 | 10 | 278 | 124 | 0 | 0 | 282 | 117 | 0 | 0 | |
| 4/29/2003 | 5359 | 1029 | 97% | 75 | 50 | 75 | 50 | 152 | 50 | 132 | 16 | 118.5 | 48.2 | 25 | 302 | 96 | 18.6 | 10 | 287 | 86 | 0.6 | 0 | |
| 5/13/2003 | 5700 | 341 | 99% | 75 | 50 | 78 | — | 127 | 50 | 239 | 48 | 130 | 41.8 | 50 | 246 | 108 | 46 | 25 | 245 | 97 | 0.6 | 0 | |
| 6/30/2003 | 6850 | 1176 | 98% | 50 | 50 | 115 | 32 | 82.4 | 50 | 140 | 66 | 173 | 36.8 | 50 | 198 | 157 | 25.1 | 25 | 240 | 150 | 29.8 | 100 | |
| 7/10/2003 | 6851 | 245 | 0% | 50 | 50 | 99.5 | 25 | 406 | 400 | 151 | 68 | 156 | 221 | 215 | 260 | 76 | 0 | 0 | 222 | 81.9 | 0 | 0 | |
| 7/22/2003 | 7144 | 294 | 100 | 50 | 50 | — | — | 127 | — | — | — | 168 | 65 | — | — | 107 | 0 | — | — | — | — | — | |
| 8/26/2003 | 7957 | 858 | 95 | 50 | 50 | 79 | 13.5 | 137 | 10 | 186 | 65 | 170 | 51.4 | 5 | 294 | — | 55.4 | 10 | 232 | — | 35.6 | 10 | |
| 9/23/2003 | 8274 | 686 | 317 | 46 | 50 | 218 | 33 | 141 | 15 | 194 | 64 | 160 | 55 | 30 | 254 | 124 | 0 | 0 | 210 | 110 | 0 | 0 | |
| 10/21/2003 | 8945 | 686 | 671 | 98 | 50 | 168 | 45 | 20 | 20 | 158 | 68 | 166 | 37.5 | 25 | 214 | 130 | 30.7 | 15 | 225 | 112 | 0 | 0 | |
| 11/24/2003 | 9749 | 833 | 805 | 97 | 50 | 130 | 46 | 141 | 125 | 178 | 72 | 138 | 261 | 200 | 225 | 52 | 0 | 0 | 205 | 51.4 | 0 | 0 | |
| 1/6/2004 | 9750 | 1054 | 1 | 50 | 50 | 98.5 | 74 | 118 | 100 | 164 | 12 | 140 | 247 | 250 | 224 | 48.6 | 0 | 0 | 200 | 48.4 | 0 | 0 | |
| 2/9/2004 | 10336 | 833 | 586 | 70 | 50 | 101 | 44 | 23.1 | 10 | 172 | 70 | 155.8 | 29.8 | 25 | 233 | 137 | 41.4 | 25 | 235 | 117 | 0 | 0 | |
| 3/30/2004 | 11289 | 1225 | 953 | 78 | 50 | 123 | >50 | 34 | <10 | 198 | 70 | 160 | 22 | <10 | 240 | 128 | 22 | <10 | 160 | 115 | 24 | <5 | |
| 4/8/2004 | 11441 | 221 | 152 | 69 | 50 | 75 | 127 | 23.7 | <10 | — | — | — | — | — | 180 | 83 | 30 | — | 206 | 83 | 0.9 | — | |
| 4/29/2004 | 11768 | 515 | 327 | 64 | 50 | 131 | >80 | 2.4 | 0 | — | 76 | 170 | 2.2 | 0 | 209 | 128 | 0 | 0 | 255 | 116 | 0 | 0 | |
| 5/24/2004 | 12264 | 613 | 496 | 81 | 50 | 144 | 75 | 43.8 | 50 | 172 | 75 | 178 | 33.1 | <50 | 230 | 121 | 4.4 | 0 | 198 | 111 | 0 | 0 | |
| 6/22/2004 | 12817 | 711 | 553 | 78 | 50 | 127 | 74 | 57 | 10 | 140 | 76 | 180 | 52 | 30 | 181 | 123 | 25.8 | 15 | 210 | 113 | 0 | 0 | |
| 7/28/2004 | 13630 | 882 | 813 | 92 | 50 | 142 | 76.5 | 53.2 | 7 | 161 | 76.5 | 159 | 41.1 | 25 | 216 | 137 | 35.3 | 20 | 181 | 109 | 3.1 | 0 | |
| 8/31/2004 | 13969 | 833 | 359 | 43 | 25 | 90 | 157 | 58 | 48 | 0 | 104 | 74 | 137 | 202 | 200 | 180 | 98 | 2.2 | 0 | 187 | 91 | 0.1 | 0 |
| 9/29/2004 | 14256 | 711 | 267 | 38 | 50 | 139 | 60 | — | — | — | 140 | 76 | 153 | 27.7 | — | 194 | 126 | 0 | — | 205 | 102.1 | 0 | |
| 10/20/2004 | 14729 | 515 | 473 | 92 | 50 | 155 | 58 | — | — | — | 120 | 76 | 160 | 19.1 | 10 | 202 | 122 | 0 | 0 | 230 | 101 | 0 | |
| 11/17/2004 | 15229 | 686 | 489 | 73 | 50 | 160 | 80 | 17.9 | <5 | 148 | 77 | 160 | 13.5 | <10 | 152 | 112 | 7.2 | <5 | 173 | 94 | 0 | 0 | |
| 12/22/2004 | 15565 | 858 | 337 | 39 | 75 | 143 | 80 | 15.8 | <5 | 125 | 85 | 160 | 18.3 | 10 | 127 | 116 | 16 | 5 | 131 | 93.4 | 0 | 0 | |
| 1/20/2005 | 15933 | 711 | 368 | 52 | 25 | 100 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 2/23/2005 | 15933 | 833 | 0 | 0 | 75 | 87.5 | 36 | 174 | 50 | 188 | 58 | 110 | 93 | 50 | 265 | 56 | 0 | 0 | 245 | 38.5 | 0 | 0 | |
| 3/29/2005 | 16217 | 833 | 284 | 34 | 75 | 87 ⁽¹⁾ | 40 | — | — | 158 ⁽¹⁾ | — | 121 | 6.4 | 4.5 | 255 ⁽¹⁾ | 97 | 3.4 | 3 | 234 ⁽¹⁾ | 81 | 0 | <2 | |
| 4/28/2005 | — | 720 | 720 ⁽²⁾ | 100 | 75 | 86 | 39 | — | — | 227 | — | 126 | 8.9 | 5 | 244 | 109 | 8 | 4 | 222 | 84.2 | 0 | <2 | |
| 5/31/2005 | — | 792 | 792 ⁽²⁾ | 100 | 50 | 98 | 39 | 7.4 | 9.5 | 208 | — | 124.2 | 10.4 | 10 | 227 | 118.6 | 17.6 | 10 | 223 | 112.3 | 0 | <2 | |
| 6/24/2005 | — | 576 | 576 ⁽²⁾ | 100 | 50 | 125 | 25 | 28.5 | 16 | 266 | — | 152 | 8.3 | 7 | 283 | 133 | 13.9 | 16 | 242 | 116 | 10.1 | 15 | |
| 8/4/2005 | 17972 | 984 | 984 ⁽²⁾ | 100 | 75 | 65 | 216 | 38.1 | 19 | 353 | — | 153.4 | 8.8 | 12 | 423 | 135.7 | 10.5 | 12 | 381 | 120.7 | 7.5 | 12 | |
| Spent Carbon Replaced 8/7/05 | | | | | | | | | | | | | | | | | | | | | | | |
| 9/13/2005 | 859 | 960 | 960 ⁽²⁾ | 100 | 75 | 89.5 | 25 | 59.6 | 14 | 226 | — | 164.5 | 18.3 | 12 | 265 | 143 | 0.5 | 0 | 248 | 124.6 | 0 | 0 | |
| 10/10/2005 | 1502 | 643 | 643 | 100 | 75 | 86 | 27 | 59.2 | 19 | 222 | — | 101.3 | 21.7 | 10 | 225 | 110 | 15.1 | 0 | 211 | 99.3 | 0 | 0 | |
| 11/11/2005 | 2271 | 769 | 769 | 100 | 50 | 79 | 31 | — | 5 | 209 | — | 110.9 | 12.2 | 9 | 242 | 98.4 | 2.6 | 2 | 239 | 83.1 | 0 | 0 | |

Notes
 (1) Calculated flows based on the average of flows measured on 3-29-05 and 4-28-05
 (2) Run time meter reading not indicative of SVE system run time actual hours run is assumed 100% of available
 PID = Total VOC concentration measured with photoionization detector
 ppm = parts per million (volume/volume basis)
 PCE = Tetrachloroethene (PCE) concentration measured with Dräger tube of 10-500 ppm range
 scfm = standard cubic feet per minute
 cfm = cubic feet per minute

-- = measurement not recorded or not applicable.
 Influent SVE = Readings collected between the SVE Blower and the Carbon Units
 Mid GAC = Readings collected between the lead and lag carbon units
 Effluent GAC = Readings collected after the lag carbon unit
 GAC = granular activated carbon unit
 As of 4/28/05, the calculation of "Available" run time hours is based on 24 hours, rather than 24.5 hours as previously calculated.

TABLE 1
SUMMARY OF SOIL VAPOR EXTRACTION SYSTEM READINGS
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

Table with 20 columns: Run Time Meter Reading (Dets), Run Time Since Last Visit (Available/Actual), Operation Time Since Last Visit (% Open), Dilution Valve Position (% Open), Extraction Well MWLF Valve Position (% Open), Air Flow at Well (scfm), Vacuum at Well (inches H2O), Pre-Dilution PID (ppm), Pre-Dilution PCE (ppm), Blower Flow (cfm), Vacuum (inches H2O), Temp. (°F), Influent SVE (PCE, PID, Flow, Temp), Mid GAC (PCE, PID, Flow, Temp), Effluent GAC (PCE, PID, Flow, Temp). Rows include dates from 1/18/2005 to 3/31/2010.

Notes:
1) Calculated flows based on the average of flows measured on 3-29-05 and 4-28-05
2) Run time meter reading not inactive of SVE system run time. actual hours run is assumed 100% of available
PID = Total VOC concentration measured with photoionization detector
ppm = parts per million (volume/volume bases)
PCE = Tetrachloroethene (PCE) concentration measured with Dräger tube of 10-5000 ppm range
scfm = standard cubic feet per minute
cfm = cubic feet per minute

TABLE 2
AIR SAMPLE ANALYTICAL RESULTS
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

| SVE Influent Concentration (mg/m³) | | | |
|---|------------------------|-------------------------|-----------------|
| Date | cis-1,2-Dichloroethene | Tetrachloroethene (PCE) | Trichloroethene |
| 9/18/2002 | 5 | 600E | 31 |
| 9/30/2002 | ND (5) | 360E | 23 |
| 10/14/2002 | -- | -- | -- |
| 11/19/2002 | -- | -- | -- |
| VGAC Effluent Concentration (mg/m³) | | | |
| Date | cis-1,2-Dichloroethene | Tetrachloroethene (PCE) | Trichloroethene |
| 9/18/2002 | -- | -- | -- |
| 9/30/2002 | -- | -- | -- |
| 10/14/2002 | -- | -- | -- |
| 11/19/2002 | -- | -- | -- |
| 12/16/2002 | ND (5) | ND (5) | ND (5) |
| 1/21/2003 | -- | -- | -- |
| 2/10/2003 | ND (5) | 8 | 6 |
| 3/18/2003 | -- | -- | -- |
| 4/29/2003 | -- | -- | -- |
| 5/13/2003 | ND (1) | 5 | ND (1) |
| 6/30/2003 | -- | -- | -- |
| 7/22/2003 | ND (1) | ND (1) | ND (1) |
| 8/26/2003 | ND (5) | 29 | 3.6 |
| 9/23/2003 | ND (5) | ND (5) | ND (5) |
| 10/21/2003 | ND (5) | ND (5) | ND (5) |
| 11/24/2003 | -- | -- | -- |
| 1/6/2004 | -- | -- | -- |
| 2/9/2004 | 10 | ND (5) | ND (5) |
| 3/30/2004 | 2J | 77 | 1J |
| 4/29/2004 | ND (5) | 10 | ND (5) |
| 5/24/2004 | ND (1) | ND (1) | ND (1) |
| 6/22/2004 | ND (1) | ND (1) | ND (1) |
| 7/28/2004 | ND (5) | ND (5) | ND (5) |
| 8/12/2004 | -- | -- | -- |
| 9/29/2004 | ND (1) | ND (1) | ND (1) |
| 10/20/2004 | ND (1) | ND (1) | ND (1) |
| 11/17/2004 | ND (1) | ND (1) | ND (1) |
| 12/22/2004 | ND (1) | ND (1) | ND (1) |
| 1/20/2005 | -- | -- | -- |
| 3/29/2005 | 2 | ND (1) | ND (1) |
| 4/28/2005 | 1 | 0.5J | ND (1) |
| 5/31/2005 | 1 | 5 | 2 |
| 6/24/2005 | 0.8J | 64 | 2 |
| 8/4/2005 | 0.7J | 57 | 1J |
| Spent Carbon Replaced 8/10/05 | | | |
| 9/13/2005 | ND (1) | ND (1) | ND (1) |
| 10/10/2005 | ND (1) | ND (1) | ND (1) |
| 11/11/2005 | ND (1) | ND (1) | ND (1) |
| 12/8/2005 | ND (1) | ND (1) | ND (1) |
| 1/6/2006 | ND (1) | ND (1) | ND (1) |
| Spent Carbon Replaced 1/25/06 | | | |
| 2/6/2006 | ND (1) | 1 | ND (1) |

Notes:

Only compounds that were detected above the method reporting limit were presented above

ND (5) = Not detected above method reporting limit in parenthesis

E = Concentration exceeded calibration range -- = sample not collected

SVE = Soil vapor extraction J = Estimated Value

VGAC = vapor-phase granular activated carbon mg/m³ = milligrams per cubic meter

**TABLE 2
AIR SAMPLE ANALYTICAL RESULTS
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY**

| VGAC Effluent Concentration (mg/m³) | | | |
|--|-------------------------------|--------------------------------|------------------------|
| Date | cis-1,2-Dichloroethene | Tetrachloroethene (PCE) | Trichloroethene |
| 3/14/2006 | ND (1) | ND (1) | ND (1) |
| 4/12/2006 | ND (1) | 0.6J | ND (1) |
| 5/4/2006 | ND (1) | ND (1) | ND (1) |
| 6/12/2006 | ND (1) | ND (1) | ND (1) |
| 7/12/2005 | 0.6 J | ND (1) | ND (1) |
| 8/7/2006 | ND (1) | 1 | ND (1) |
| 9/21/2006 | 0.4 J | 2 | 0.8 J |
| Spent Carbon Replaced 10/11/06 | | | |
| 10/18/2006 | No sample collected | | |
| 11/29/2006 | ND (1) | 0.9J | ND (1) |
| 12/28/2006 | ND (1) | ND (1) | ND (1) |
| (sample collected 12/21/06 lost due to tedlar bag leak; replacement sample collected 12/28/06) | | | |
| 1/26/2007 | ND (1) | ND (1) | ND (1) |
| 3/19/2007 | ND (1) | ND (1) | ND (1) |
| (sample collected 3/12/07 following SVE system repair) | | | |
| 4/27/2007 | ND (1) | ND (1) | ND (1) |
| 5/24/2007 | ND (1) | ND (1) | ND (1) |
| 6/21/2007 | ND (1) | ND (1) | ND (1) |
| 7/24/2007 | ND (1) | 0.22 J | ND (1) |
| 8/28/2007 | 0.29 J | 0.35 J | ND (1) |
| 9/18/2007 | ND (1) | ND (1) | ND (1) |
| 10/31/2007 | ND (1) | ND (1) | ND (1) |
| 11/28/2007 | ND (1) | ND (1) | ND (1) |
| 1/4/2008 | ND (1) | ND (1) | ND (1) |
| 1/23/2008 | ND (1) | ND (1) | ND (1) |
| 2/28/2008 | -- | -- | -- |
| 4/29/2008 | ND (1) | ND (1) | ND (1) |
| 5/23/2008 | 0.22 J | ND (1) | 1.2 |
| 6/26/2008 | 0.24 J | 10 | 1.3 |
| 7/28/2008 | 0.25 J | 11 | 0.49 J |
| 8/28/2008 | 0.22 | 13.6 | 0.48 |
| 9/25/2008 | 0.14 | 9.4 | 0.36 |
| 10/31/2008 | 0.1 | 4 | 0.17 |
| 11/24/2008 | 0.06 | 2.3 | 0.13 |
| 12/22/2008 | 0.03 | 1.2 | 0.06 |
| 1/26/2009 | 0.07 | 2.3 | 0.14 |
| 2/26/2009 | 0.005 | 0.1 | 0.01 |
| 3/26/2009 | 0.11 | 2.9 | 0.25 |
| 4/28/2009 | 0.08 | 3.3 | 0.21 |
| 5/18/2009 | 0.1 | 6.1 | 0.35 |
| 6/23/2009 | 0.19 | 18.2 | 0.44 |
| 9/22/2009 | 0.11 | 5.36 | 0.13 |
| 12/21/2009 | 0.09 | 4.82 | 0.38 |
| 12/21/2009 | 0.09 | 4.82 | 0.38 |
| 3/31/2010 | 0.02 | 0.69 | 0.04 |
| J = Analyte detected below quantitation limits. | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Notes:
Only compounds that were detected above the method reporting limit were presented above
ND (5) = Not detected above method reporting limit in parenthesis
E = Concentration exceeded calibration range -- = sample not collected
SVE = Soil vapor extraction J = Estimated Value
J = Analyte detected below quantitation limits.
VGAC = vapor-phase granular activated carbon mg/m³ = milligrams per cubic meter

TABLE 3
AIR DISCHARGE MONITORING
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

| Date | Field Monitoring | | | Laboratory Results | | | Discharge based on Field Monitoring | | | | | Discharge based on Laboratory Results | | | | |
|---------------------|---------------------------------|--|--|--------------------|----------------|------------------------|--|-------------------------------------|---------------------------------------|-------------------------------------|--|---------------------------------------|--|---|--|--|
| | System Effluent Flow Rate (cfm) | PCE System Effluent Concentration (ppmv) | System Effluent VOC Concentration (ppmv) | PCE (mg/cu m.) | TCE (mg/cu m.) | cis-1,2-DCE (mg/cu m.) | PCE Discharge Since Last Visit (lb/hr) | PCE Discharge Since Last Visit (lb) | PCE Discharge Since Last Visit: lb/hr | PCE Discharge Since Last Visit (lb) | TCE Discharge Since Last Visit (lb/hr) | TCE Discharge Since Last Visit (lb) | cis-1,2-DCE Discharge Since Last Visit (lb/hr) | cis-1,2-DCE Discharge Since Last Visit (lb) | | |
| 9/18/2002 | 290 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 10/14/2002 | 290 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 11/19/2002 | 340 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 12/16/2002 | 45 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 1/13/2003 | 220 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 1/21/2003 | 258 | 10 | 3.2 | 8.0 | 6.0 | ND (5) | 0.0654 | 31.40 | 0.0008 | 0.0006 | 2.78 | 0.0000 | 0.0000 | 0.0000 | | |
| 3/5/2003 | 305 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 3/18/2003 | 282 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 4/29/2003 | 287 | 0 | 0.6 | 0.6 | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 5/13/2003 | 245 | 0 | 0.6 | 14 | 5.0 | ND (1) | 0.0000 | 0.0000 | 0.0005 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 6/30/2003 | 240 | 100 | 29.8 | ND (1) | ND (1) | ND (1) | 0.3043 | 350.56 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 7/22/2003 | 222 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 8/26/2003 | 232 | 10 | 35.6 | 29.0 | 3.6 | ND (5) | 0.0588 | 49.42 | 0.025 | 0.003 | 2.63 | 0.0000 | 0.0000 | 0.0000 | | |
| 9/23/2003 | 210 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 10/21/2003 | 225 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 11/24/2003 | 205 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 2003 Totals: | | | | | | | 431.38 | | | | 5.41 | | | 0.00 | | |
| 1/6/2004 | 200 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 2/9/2004 | 235 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 3/30/2004 | 160 | 5 | 24 | 77 | 1.1 | 2.1 | 0.0203 | 24.34 | 0.046 | 55.38 | 0.72 | 0.001 | 0.001 | 1.44 | | |
| 4/29/2004 | 255 | 0 | 0 | ND (5) | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.010 | 6.88 | 0.001 | 0.000 | 0.000 | 1.38 | | |
| 5/24/2004 | 198 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 6/22/2004 | 210 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 7/28/2004 | 181 | 0 | 3.1 | 36 | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 8/12/2004 | 187 | 0 | 0.1 | 15 | ND (5) | ND (5) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 9/29/2004 | 205 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 10/20/2004 | 230 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 11/17/2004 | 173 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 12/22/2004 | 131 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | |
| 2004 Totals: | | | | | | | 24.34 | | | | 1.41 | | | 10.00 | | |

Notes:
 -- = Measurement not recorded
 Discharge Rate (Field Mon., lb/hr) = (flow/cfm)*inlet conc. (ppmv)*MW*12.187/(273.15+C)³ cu. m./35.31 cu. ft.*1g/1000 mg*1 lb/453.6 g*60 min/1 hr
 Discharge (Field Mon., lb) = Discharge Rate (lb/hr) * # of days *24hours/day*60 minutes/hr
 Discharge Rate (Lab Res., lb/hr) = flow (cfm)*effluent conc. (mg/cu. m.)*1g/1000mg*1lb/453.6g*1cu. m./35.31cu. ft*60min/1 hr
 Discharge (Lab Res., lb) = Discharge Rate (lb/hr) * # of days *24hours/day
 Where:
 C = degrees centigrade, assumed to be 25
 J = Estimated Value
 hr = hours

| Permit Limit | |
|--------------|-------------|
| PCE | 0.031 lb/yr |
| TCE | 0.014 lb/yr |
| cis-1,2-DCE | 0.63 lb/yr |

Molecular weight (MW) of PCE=165.85, TCE=131.4; cis-1,2-DCE=96.94
 ppmv = parts per million (vol./vol.)
 mg/cu. m = milligrams per cubic meter
 lb = pounds

TABLE 3
AIR DISCHARGE MONITORING
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

| Date | Field Monitoring | | | Laboratory Results | | | Discharge based on Field Monitoring | | | | | | Discharge based on Laboratory Results | | | | | |
|--------------------------------------|---------------------------------|--|--|--------------------|----------------|------------------------|--|-------------------------------------|---------------------------------------|-------------------------------------|--|-------------------------------------|--|---|--|--|--|--|
| | System Effluent Flow Rate (cfm) | PCE System Effluent Concentration (ppmv) | System Effluent VOC Concentration (ppmv) | PCE (mg/cu m.) | TCE (mg/cu m.) | cis-1,2-DCE (mg/cu m.) | PCE Discharge Since Last Visit (lb/hr) | PCE Discharge Since Last Visit (lb) | PCE Discharge Since Last Visit: lb/hr | PCE Discharge Since Last Visit (lb) | TCE Discharge Since Last Visit (lb/hr) | TCE Discharge Since Last Visit (lb) | cis-1,2-DCE Discharge Since Last Visit (lb/hr) | cis-1,2-DCE Discharge Since Last Visit (lb) | | | | |
| 1/20/2005 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | |
| 2/23/2005 | 245 | 0 | 0 | — | — | — | 0.0000 | 0.00 | — | — | — | — | — | — | | | | |
| 3/29/2005 | 234 ⁽¹⁾ | 0 | 0 | ND (1) | ND (1) | 2 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.00 | 0.002 | 1.43 | 0.00 | | | | |
| 4/28/2005 | 222 | 0 | 0 | 30 | 5 | 1 | 0.0000 | 0.00 | 0.0004 | 0.30 | 0.0000 | 0.00 | 0.001 | 0.60 | | | | |
| 5/31/2005 | 223 | 0 | 0 | 33 | 5 | 2 | 0.0000 | 0.00 | 0.0042 | 3.31 | 0.0017 | 0.001 | 0.66 | 0.00 | | | | |
| 6/24/2005 | 242 | 10.1 | 15 | 64 | 2 | 0.8J | 0.0620 | 35.70 | 0.0580 | 33.42 | 0.0018 | 1.04 | 0.001 | 0.42 | | | | |
| 8/4/2005 | 381 | 12 | 7.5 | 57 | 1J | 0.7J | 0.1159 | 114.09 | 0.0814 | 80.05 | 0.0014 | 1.40 | 0.001 | 0.98 | | | | |
| Spent Carbon Replaced 8/7/05 | | | | | | | | | | | | | | | | | | |
| 9/13/2005 | 248 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 10/10/2005 | 211 | 0 | 0 | 27 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 11/11/2005 | 239 | 0 | 0 | 32 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 12/8/2005 | 212 | 0 | 0.1 | 27 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 2005 Totals: | | | | | | | | 148.79 | | 117.08 | | 3.77 | | 4.09 | | | | |
| 1/6/2006 | 265 | 0 | 5.8 | 29 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| Spent Carbon Replaced 1/25/06 | | | | | | | | | | | | | | | | | | |
| 2/6/2006 | 322 | 0 | 0 | 30 | 1 | ND (1) | 0.0000 | 0.00 | 0.0012 | 0.87 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 3/14/2006 | 232 | 0 | 0 | 36 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 4/12/2006 | 271 | 0 | 0 | 29 | 0.6J | ND (1) | 0.0000 | 0.00 | 0.0006 | 0.42 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 5/4/2006 | 214 | 0 | 0 | 22 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 6/12/2006 | 253 | 0 | 0 | 39 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 7/12/2006 | 196 | 0 | 0 | 30 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.001 | 0.38 | | | | |
| 8/7/2006 | 210 | 0 | 0 | 26 | 1 | ND (1) | 0.0000 | 0.00 | 0.0008 | 0.49 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 9/21/2006 | 203 | 0 | 2.1 | 45 | 2 | 0.8 J | 0.4 J | 0.0000 | 0.0015 | 1.64 | 0.0006 | 0.66 | 0.0003 | 0.33 | | | | |
| Spent Carbon Replaced 10/1/06 | | | | | | | | | | | | | | | | | | |
| 10/18/2006 | 236 | 0 | 0 | 27 | — | — | 0.0000 | 0.00 | — | — | — | — | — | — | | | | |
| 11/29/2006 | 202 | 0 | 0 | 42 | 0.9J | ND (1) | 0.0000 | 0.00 | 0.0007 | 0.69 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 12/21/2006 | 210 | 0 | 0 | 22 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 2006 Totals: | | | | | | | | 0.00 | | 4.11 | | 0.66 | | 0.71 | | | | |
| 1/26/2007 | 142 | 0 | 0 | 36 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 3/19/2007 | 172 | 0 | 0 | 20 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 4/27/2007 | 125 | 0 | 0 | 28 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |
| 5/24/2007 | 170 | 0 | 0 | 27 | ND (1) | ND (1) | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.000 | 0.00 | | | | |

Notes: — = Measurement not recorded

Discharge Rate (Field Mon., lb/hr) = [(flow(cfm)) * influent conc. (ppmv) * MW * 12.187] / (273.15 + C) * 1 cu. m. / 35.31 cu. ft. * 1g/1000 mg * 1 lb/453.6 g * 60 min/1 hr

Discharge Rate (Lab Res., lb) = Discharge Rate (lb/hr) * # of days * 24 hours/day * 60 minutes/hr

Discharge Rate (Lab Res., lb/hr) = flow (cfm) * effluent conc. (mg/cu. m.) * 1g/1000mg * 1lb/453.6g * 1 cu. m. / 35.31 cu. ft. * 60min/1 hr

Discharge (Lab Res., lb) = Discharge Rate (lb/hr) * # of days * 24 hours/day

Where: C = degrees centigrade, assumed to be 25

J = Estimated Value

hr = hours

Molecular weight (MW) of PCE=165.85; TCE=131.4; cis-1,2-DCE=96.94

cfm = cubic feet per minute

ppmv = parts per million (vol./vol.)

mg/cu. m. = milligrams per cubic meter

lb = pounds

| Permit Limit | |
|--------------|-------------|
| PCE | 0.031 lb/yr |
| TCE | 0.014 lb/yr |
| cis-1,2-DCE | 0.63 lb/yr |

TABLE 3
AIR DISCHARGE MONITORING
NATIONAL HEATSET PRINTING
1 ADAMS BLVD., FARMINGDALE, NY

| Date | System Effluent Flow Rate (cfm) | Field Monitoring | | Laboratory Results | | | Discharge based on Field Monitoring | | | | | Discharge based on Laboratory Results | | | | |
|---------------------|---------------------------------|--|--|--------------------|-----------------|-------------------------|-------------------------------------|--|-------------------------------------|--|-------------------------------------|--|-------------------------------------|--|---|--|
| | | PCE System Effluent Concentration (ppmv) | System Effluent VOC Concentration (ppmv) | PCE (mg/cu. m.) | TCE (mg/cu. m.) | cis-1,2-DCE (mg/cu. m.) | PCE Discharge Since Last Visit (lb) | PCE Discharge Since Last Visit (lb/hr) | PCE Discharge Since Last Visit (lb) | PCE Discharge Since Last Visit (lb/hr) | TCE Discharge Since Last Visit (lb) | TCE Discharge Since Last Visit (lb/hr) | TCE Discharge Since Last Visit (lb) | TCE Discharge Since Last Visit (lb/hr) | cis-1,2-DCE Discharge Since Last Visit (lb) | cis-1,2-DCE Discharge Since Last Visit (lb/hr) |
| 6/21/2007 | 199 | 0 | 0.1 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 7/24/2007 | 194 | 0 | 0 | 0.22 J | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 8/28/2007 | 129 | 0 | 0 | 0.35 J | ND (1) | 0.29 J | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.12 |
| 9/18/2007 | 164 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 10/31/2007 | 231 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 11/28/2007 | 213 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1/4/2008 | 243 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 2007 Totals: | | | | | | | | | | | | | | | | 0.12 |
| 1/23/2008 | 192 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 2/28/2008 | -- | -- | -- | -- | -- | -- | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 4/29/2008 | 206 | 0 | 0 | ND (1) | ND (1) | ND (1) | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 5/23/2008 | 259 | 0 | 0 | ND (1) | ND (1) | 1.2 | 0.22 J | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0012 | 0.0000 | 0.0000 | 0.0000 |
| 6/26/2008 | 202 | 0 | 2.4 | 0 | 2.4 | 1.3 | 0.24 J | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0076 | 0.0010 | 0.0000 | 0.0000 | 0.0000 |
| 7/28/2008 | 202 | 0 | 2.8 | 0 | 2.8 | 11 | 0.49 J | 0.25 J | 0.0000 | 0.0000 | 0.0000 | 0.0083 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 8/28/2008 | 191 | 0 | 1.9 | 0 | 1.9 | 31 | 13.6 | 0.48 | 0.22 | 0.0000 | 0.0000 | 0.0097 | 0.0003 | 0.26 | 0.0000 | 0.0000 |
| 9/25/2008 | 215 | 0 | 0 | 0 | 0.36 | 0.14 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0076 | 0.0003 | 0.19 | 0.0000 | 0.0000 |
| 10/31/2008 | 264 | 0 | 0 | 0 | 0.17 | 0.1 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0040 | 0.0020 | 0.0002 | 0.15 | 0.0000 | 0.0000 |
| 11/24/2008 | 254 | 0 | 0 | 0 | 0.13 | 0.06 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0022 | 0.0001 | 0.0001 | 0.07 | 0.0000 | 0.0000 |
| 12/22/2008 | 176 | 0 | 0.3 | 0 | 0.03 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.53 | 0.0000 | 0.03 | 0.0000 | 0.0000 |
| 2007 Totals: | | | | | | | | | | | | | | | | 0.00 |
| 1/26/2009 | 278 | 0 | 0.6 | 0 | 0.6 | 2.3 | 0.14 | 0.07 | 0.0000 | 0.0000 | 0.0000 | 0.0024 | 0.0001 | 0.12 | 0.0000 | 0.0000 |
| 2/26/2009 | 290 | 0 | 0 | 0 | 0.1 | 0.01 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.01 | 0.0000 | 0.0000 |
| 3/26/2009 | 268 | 0 | 1.3 | 0 | 1.3 | 2.9 | 0.25 | 0.11 | 0.0000 | 0.0000 | 0.0029 | 0.0003 | 0.17 | 0.0000 | 0.0000 | 0.0000 |
| 4/28/2009 | 286 | 0 | 1.1 | 0 | 1.1 | 3.3 | 0.21 | 0.08 | 0.0000 | 0.0000 | 0.0035 | 0.0002 | 0.18 | 0.0000 | 0.0000 | 0.0000 |
| 5/18/2009 | 271 | 0 | 2 | 0 | 2 | 6.1 | 0.35 | 0.1 | 0.0000 | 0.0000 | 0.0062 | 0.0004 | 0.17 | 0.0000 | 0.0000 | 0.0000 |
| 6/23/2009 | 272 | 0 | 1.8 | 0 | 1.8 | 18.2 | 0.44 | 0.19 | 0.0000 | 0.0000 | 0.0186 | 0.0004 | 0.39 | 0.0000 | 0.0000 | 0.0000 |
| 9/22/2009 | 200 | 0 | 4 | 0 | 4 | 5.36 | 0.13 | 0.11 | 0.0000 | 0.0000 | 0.0040 | 0.0001 | 0.21 | 0.0000 | 0.0000 | 0.0000 |
| 12/21/2009 | 126 | 0 | 0 | 0 | 0 | 4.82 | 0.38 | 0.09 | 0.0000 | 0.0000 | 0.0023 | 0.0002 | 0.39 | 0.0000 | 0.0000 | 0.0000 |
| 3/31/2010 | 285 | 0 | 0 | 0 | 0 | 0.69 | 0.04 | 0.02 | 0.0000 | 0.0000 | 0.0007 | 0.0000 | 0.10 | 0.0000 | 0.0000 | 0.0000 |

Notes:
 -- = Measurement not recorded
 Discharge Rate (Field Mon., lb/hr) = [(flow/cfm)*influent conc.(ppmv)*MW*12.187]/(273.15+C)*1 cu. m./35.31 cu. ft**1g/1000 mg*1 lb/453.6 g*60 min/1 hr
 Discharge (Field Mon., lb) = Discharge Rate (lb/hr) * # of days*24hours/day*60 minutes/hr
 Discharge Rate (Lab Res., lb/hr) = flow (cfm)*effluent conc. (mg/cu. m.)*1g/1000mg*1lb/453.6g*1cu. m./35.31cu. ft*60min/1 hr
 Discharge (Lab Res., lb) = Discharge Rate (lb/hr) * # of days*24hours/day
 Where:
 C = degrees centigrade, assumed to be 25
 J = Estimated Value
 hr = hours
 Molecular weight (MW) of PCE=166.85; TCE=131.4; cis-1,2-DCE=96.94
 ppmv = parts per million (vol.vol.)
 mg/cu. m = milligrams per cubic meter
 lb = pounds
 Permit Limit
 lb/hr
 PCE 0.031 lb/yr
 TCE 0.014 lb/yr
 cis-1,2-DCE 0.63 lb/yr
 5.510

Attachment A

National Heatset Printing

1 Adams Boulevard, Farmingdale, New York
EA Engineering

Personnel: Peter Lawler, Jim Christopher Time: 1000
Weather: Overcast, 50F Date: 3/31/2010

System Status:

Arrival: Off
Departure: Running
Run Timer Reading: 3516990
Electric Meter Reading: 14992, 00.47, 26.99, 0070

System Data:

Extraction Well F Gate Valve: 100 % Open
Dilution Valve: 25 % Open

Pre-Bleed Air (Extraction Well):

Flow: 100 CFM
Vacuum: 82 "H2O
PID Reading: 55.8 PPM
Draeger Tube: N/A PPM
Temperature: 75.1 °F

Post-Bleed Air (SVE Influent):

Flow: 255 CFM
Pressure: 18 "H2O via magnehelic
PID Reading: 20.5 PPM
Draeger Tube: 15 PPM
Temperature: 103.0 °F

Carbon Monitoring:

Mid: 4.4 PPM 250 CFM 85.2 Temp. (°F) 0 PPM (Drager) 9 "H2O
Effluent: 0.0 PPM 285 CFM 78.7 Temp. (°F) 0 PPM (Drager)

Carbon effluent sample collected & shipped to lab? Yes, at 1656

Knockout Tank Drained? Yes
Gallons: 385
Purge water drums on-site: 0, 7 drums removed on 4/2/10

Monitoring Well Gauging / Vapor Point Monitoring:

| Well/V.P. ID: | MW-C | MW-E | MW-G | VP-1 | VP-2 | VP-3 | VP-7 | VP-8 | VP-9 | VP-10 | VP-11 | VP-12 | VP-13 | VP-14 | VP-15 |
|---------------|-------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| DTW (ft): | 11.09 | | | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Vac. (" H2O): | -- | -- | -- | 1.2 | 0.4 | 0.2 | 0.2 | 0.08 | 0.08 | | | | | | 0 |
| PID (PPM): | -- | -- | -- | -- | -- | -- | 0.0 | 0.0 | 0.0 | | | | | | 0.0 |

Comments:

Access denied to some vapor points due to businesses closed at 1700
 Sampling pushed from 3-29-10 due to lack of drums for purge water.
 system knockout tank drained twice, and settings readjusted. 7 full drums removed from site.
 Lock on power box was missing, replaced lock, key is in a hide-a-key box left on top of Carbon Tank 2 inside system container
 System container has been spray painted.

Attachment B



ANALYTICAL REPORT

Lab Number: L1004639

Client: EA Engineering, Science and Tech
6712 Brooklawn Parkway
Suite 104
Syracuse, NY 13211

ATTN: Don Conan

Project Name: NATIONAL HEATSET

Project Number: NATIONAL HEATSET

Report Date: 04/07/10

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSET

Lab Number: L1004639
Report Date: 04/07/10

| Alpha Sample ID | Client ID | Sample Location | Collection Date/Time |
|----------------------------|------------------|----------------------------|---------------------------------|
| L1004639-01 | SVE-EFFLUENT | FARMINGDALE, NY | 03/31/10 16:56 |

Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSET

Lab Number: L1004639
Report Date: 04/07/10

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

For additional information, please contact Client Services at 800-624-9220.

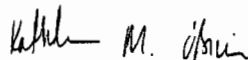
Volatile Organics in Air (Low Level)

L1004639-01 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG406614-3 LCS recovery for trans-1,3-Dichloropropene (64%) is outside the 70%-130% acceptance limit. The LCS was within overall method allowances, therefore the analysis proceeded.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Title: Technical Director/Representative

Date: 04/07/10

AIR

Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSET

Lab Number: L1004639
Report Date: 04/07/10

SAMPLE RESULTS

Lab ID: L1004639-01 D
 Client ID: SVE-EFFLUENT
 Sample Location: FARMINGDALE, NY
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 04/04/10 00:13
 Analyst: AJ

Date Collected: 03/31/10 16:56
 Date Received: 04/01/10
 Field Prep: Not Specified

| Parameter | ppbV | | ug/m3 | | Qualifier | Dilution Factor |
|---|---------|-------|---------|-------|-----------|-----------------|
| | Results | RDL | Results | RDL | | |
| Volatile Organics in Air (Low Level) - Mansfield Lab | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.415 | ND | 2.26 | | 2.074 |
| 1,1,2,2-Tetrachloroethane | ND | 0.415 | ND | 2.84 | | 2.074 |
| 1,1,2-Trichloroethane | ND | 0.415 | ND | 2.26 | | 2.074 |
| 1,1-Dichloroethane | ND | 0.415 | ND | 1.68 | | 2.074 |
| 1,1-Dichloroethene | ND | 0.415 | ND | 1.64 | | 2.074 |
| 1,2,4-Trichlorobenzene | ND | 1.04 | ND | 7.70 | | 2.074 |
| 1,2,4-Trimethylbenzene | ND | 0.415 | ND | 2.04 | | 2.074 |
| 1,2-Dibromoethane | ND | 0.415 | ND | 3.18 | | 2.074 |
| 1,2-Dichlorobenzene | ND | 0.415 | ND | 2.49 | | 2.074 |
| 1,2-Dichloroethane | ND | 0.415 | ND | 1.68 | | 2.074 |
| 1,2-Dichloropropane | ND | 0.415 | ND | 1.92 | | 2.074 |
| 1,3,5-Trimethylbenzene | ND | 0.415 | ND | 2.04 | | 2.074 |
| 1,3-Dichlorobenzene | ND | 0.415 | ND | 2.49 | | 2.074 |
| 1,4-Dichlorobenzene | ND | 0.415 | ND | 2.49 | | 2.074 |
| Benzene | ND | 0.415 | ND | 1.32 | | 2.074 |
| Benzyl chloride | ND | 0.415 | ND | 2.14 | | 2.074 |
| Bromomethane | ND | 0.415 | ND | 1.61 | | 2.074 |
| Carbon tetrachloride | ND | 0.415 | ND | 2.61 | | 2.074 |
| Chlorobenzene | ND | 0.415 | ND | 1.91 | | 2.074 |
| Chloroethane | ND | 0.415 | ND | 1.09 | | 2.074 |
| Chloroform | ND | 0.415 | ND | 2.02 | | 2.074 |
| Chloromethane | 0.473 | 0.415 | 0.976 | 0.856 | | 2.074 |
| cis-1,2-Dichloroethene | 5.43 | 0.415 | 21.5 | 1.64 | | 2.074 |
| cis-1,3-Dichloropropene | ND | 0.415 | ND | 1.88 | | 2.074 |
| Dichlorodifluoromethane | ND | 0.415 | ND | 2.05 | | 2.074 |

Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSET

Lab Number: L1004639
Report Date: 04/07/10

SAMPLE RESULTS

Lab ID: L1004639-01 D
 Client ID: SVE-EFFLUENT
 Sample Location: FARMINGDALE, NY

Date Collected: 03/31/10 16:56
 Date Received: 04/01/10
 Field Prep: Not Specified

| Parameter | ppbV | | ug/m3 | | Qualifier | Dilution Factor |
|---|---------|-------|---------|------|-----------|-----------------|
| | Results | RDL | Results | RDL | | |
| Volatile Organics in Air (Low Level) - Mansfield Lab | | | | | | |
| Ethylbenzene | ND | 0.415 | ND | 1.80 | | 2.074 |
| Freon-113 | ND | 0.415 | ND | 3.18 | | 2.074 |
| Freon-114 | ND | 0.415 | ND | 2.90 | | 2.074 |
| Hexachlorobutadiene | ND | 0.415 | ND | 4.42 | | 2.074 |
| Methylene chloride | 1.36 | 1.04 | 4.73 | 3.60 | | 2.074 |
| p/m-Xylene | ND | 0.830 | ND | 3.60 | | 2.074 |
| o-Xylene | ND | 0.415 | ND | 1.80 | | 2.074 |
| Styrene | ND | 0.415 | ND | 1.76 | | 2.074 |
| Tetrachloroethene | 101 | 0.415 | 685 | 2.81 | | 2.074 |
| Toluene | ND | 0.415 | ND | 1.56 | | 2.074 |
| trans-1,2-Dichloroethene | ND | 0.415 | ND | 1.64 | | 2.074 |
| trans-1,3-Dichloropropene | ND | 0.415 | ND | 1.88 | | 2.074 |
| Trichloroethene | 7.60 | 0.415 | 40.8 | 2.23 | | 2.074 |
| Trichlorofluoromethane | ND | 0.415 | ND | 2.33 | | 2.074 |
| Vinyl chloride | ND | 0.415 | ND | 1.06 | | 2.074 |

Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSET

Lab Number: L1004639
Report Date: 04/07/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/03/10 13:24

| Parameter | ppbV | | ug/m3 | | Qualifier | Dilution Factor |
|---|---------|-------|---------|-------|-----------|-----------------|
| | Results | RDL | Results | RDL | | |
| Volatile Organics in Air (Low Level) - Mansfield Lab for sample(s): 01 Batch: WG406614-4 | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.200 | ND | 1.09 | | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 0.200 | ND | 1.37 | | 1 |
| 1,1,2-Trichloroethane | ND | 0.200 | ND | 1.09 | | 1 |
| 1,1-Dichloroethane | ND | 0.200 | ND | 0.809 | | 1 |
| 1,1-Dichloroethene | ND | 0.200 | ND | 0.792 | | 1 |
| 1,2,4-Trichlorobenzene | ND | 0.500 | ND | 3.71 | | 1 |
| 1,2,4-Trimethylbenzene | ND | 0.200 | ND | 0.982 | | 1 |
| 1,2-Dibromoethane | ND | 0.200 | ND | 1.54 | | 1 |
| 1,2-Dichlorobenzene | ND | 0.200 | ND | 1.20 | | 1 |
| 1,2-Dichloroethane | ND | 0.200 | ND | 0.809 | | 1 |
| 1,2-Dichloropropane | ND | 0.200 | ND | 0.924 | | 1 |
| 1,3,5-Trimethylbenzene | ND | 0.200 | ND | 0.982 | | 1 |
| 1,3-Dichlorobenzene | ND | 0.200 | ND | 1.20 | | 1 |
| 1,4-Dichlorobenzene | ND | 0.200 | ND | 1.20 | | 1 |
| Benzene | ND | 0.200 | ND | 0.638 | | 1 |
| Benzyl chloride | ND | 0.200 | ND | 1.03 | | 1 |
| Bromomethane | ND | 0.200 | ND | 0.776 | | 1 |
| Carbon tetrachloride | ND | 0.200 | ND | 1.26 | | 1 |
| Chlorobenzene | ND | 0.200 | ND | 0.920 | | 1 |
| Chloroethane | ND | 0.200 | ND | 0.527 | | 1 |
| Chloroform | ND | 0.200 | ND | 0.976 | | 1 |
| Chloromethane | ND | 0.200 | ND | 0.413 | | 1 |
| cis-1,2-Dichloroethene | ND | 0.200 | ND | 0.792 | | 1 |
| cis-1,3-Dichloropropene | ND | 0.200 | ND | 0.907 | | 1 |
| Dichlorodifluoromethane | ND | 0.200 | ND | 0.988 | | 1 |

Project Name: NATIONAL HEATSET

Lab Number: L1004639

Project Number: NATIONAL HEATSET

Report Date: 04/07/10

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 04/03/10 13:24

| Parameter | ppbV | | ug/m3 | | Qualifier | Dilution Factor |
|---|---------|-------|---------|-------|-----------|-----------------|
| | Results | RDL | Results | RDL | | |
| Volatile Organics in Air (Low Level) - Mansfield Lab for sample(s): 01 Batch: WG406614-4 | | | | | | |
| Ethylbenzene | ND | 0.200 | ND | 0.868 | | 1 |
| Freon-113 | ND | 0.200 | ND | 1.53 | | 1 |
| Freon-114 | ND | 0.200 | ND | 1.40 | | 1 |
| Hexachlorobutadiene | ND | 0.200 | ND | 2.13 | | 1 |
| Methylene chloride | ND | 0.500 | ND | 1.74 | | 1 |
| p/m-Xylene | ND | 0.400 | ND | 1.74 | | 1 |
| o-Xylene | ND | 0.200 | ND | 0.868 | | 1 |
| Styrene | ND | 0.200 | ND | 0.851 | | 1 |
| Tetrachloroethene | ND | 0.200 | ND | 1.36 | | 1 |
| Toluene | ND | 0.200 | ND | 0.753 | | 1 |
| trans-1,2-Dichloroethene | ND | 0.200 | ND | 0.792 | | 1 |
| trans-1,3-Dichloropropene | ND | 0.200 | ND | 0.907 | | 1 |
| Trichloroethene | ND | 0.200 | ND | 1.07 | | 1 |
| Trichlorofluoromethane | ND | 0.200 | ND | 1.12 | | 1 |
| Vinyl chloride | ND | 0.200 | ND | 0.511 | | 1 |

Lab Control Sample Analysis

Batch Quality Control

Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSET

Lab Number: L1004639
Report Date: 04/07/10

| Parameter | LCS | | LCSD | | %Recovery | | RPD | Qual | RPD Limits |
|--|-----------|------|-----------|------|-----------|--------|-----|------|------------|
| | %Recovery | Qual | %Recovery | Qual | %Recovery | Limits | | | |
| Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01 Batch: WG406614-3 | | | | | | | | | |
| 1,1,1-Trichloroethane | 82 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,1,2,2-Tetrachloroethane | 109 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,1,2-Trichloroethane | 78 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,1-Dichloroethane | 92 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,1-Dichloroethene | 100 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,2,4-Trichlorobenzene | 78 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,2,4-Trimethylbenzene | 122 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,2-Dibromoethane | 88 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,2-Dichlorobenzene | 109 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,2-Dichloroethane | 77 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,2-Dichloropropane | 72 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,3,5-Trimethylbenzene | 113 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,3-Butadiene | 96 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,3-Dichlorobenzene | 106 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,4-Dichlorobenzene | 107 | - | - | - | 70-130 | - | - | - | 70-130 |
| 1,4-Dioxane | 106 | - | - | - | 70-130 | - | - | - | 70-130 |
| 2,2,4-Trimethylpentane | 79 | - | - | - | 70-130 | - | - | - | 70-130 |
| 2-Butanone | 106 | - | - | - | 70-130 | - | - | - | 70-130 |
| 2-Hexanone | 108 | - | - | - | 70-130 | - | - | - | 70-130 |
| 3-Chloropropene | 77 | - | - | - | 70-130 | - | - | - | 70-130 |
| 4-Ethyltoluene | 113 | - | - | - | 70-130 | - | - | - | 70-130 |

Lab Control Sample Analysis
Batch Quality Control

Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSET

Lab Number: L1004639
Report Date: 04/07/10

| Parameter | LCS | | LCSD | | %Recovery | | RPD | Qual | RPD Limits |
|--|-----------|------|-----------|------|-----------|--------|-----|------|------------|
| | %Recovery | Qual | %Recovery | Qual | %Recovery | Limits | | | |
| Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01 Batch: WG406614-3 | | | | | | | | | |
| Acetone | 91 | - | - | - | 70-130 | - | - | - | - |
| Benzene | 73 | - | - | - | 70-130 | - | - | - | - |
| Benzyl chloride | 98 | - | - | - | 70-130 | - | - | - | - |
| Bromodichloromethane | 80 | - | - | - | 70-130 | - | - | - | - |
| Bromoform | 94 | - | - | - | 70-130 | - | - | - | - |
| Bromomethane | 93 | - | - | - | 70-130 | - | - | - | - |
| Carbon disulfide | 102 | - | - | - | 70-130 | - | - | - | - |
| Carbon tetrachloride | 89 | - | - | - | 70-130 | - | - | - | - |
| Chlorobenzene | 92 | - | - | - | 70-130 | - | - | - | - |
| Chloroethane | 96 | - | - | - | 70-130 | - | - | - | - |
| Chloroform | 90 | - | - | - | 70-130 | - | - | - | - |
| Chloromethane | 91 | - | - | - | 70-130 | - | - | - | - |
| cis-1,2-Dichloroethene | 87 | - | - | - | 70-130 | - | - | - | - |
| cis-1,3-Dichloropropene | 78 | - | - | - | 70-130 | - | - | - | - |
| Cyclohexane | 81 | - | - | - | 70-130 | - | - | - | - |
| Dibromochloromethane | 91 | - | - | - | 70-130 | - | - | - | - |
| Dichlorodifluoromethane | 98 | - | - | - | 70-130 | - | - | - | - |
| Ethyl Alcohol | 81 | - | - | - | 70-130 | - | - | - | - |
| Ethyl Acetate | 110 | - | - | - | 70-130 | - | - | - | - |
| Ethylbenzene | 84 | - | - | - | 70-130 | - | - | - | - |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 107 | - | - | - | 70-130 | - | - | - | - |



Lab Control Sample Analysis

Batch Quality Control

Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSET

Lab Number: L1004639
Report Date: 04/07/10

| Parameter | LCS | | LCSD | | %Recovery | | RPD | Qual | RPD Limits |
|--|-----------|------|-----------|------|-----------|------|-----|------|------------|
| | %Recovery | Qual | %Recovery | Qual | Limits | Qual | | | |
| Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01 Batch: WG406614-3 | | | | | | | | | |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | 104 | - | - | - | 70-130 | - | - | - | - |
| Hexachlorobutadiene | 100 | - | - | - | 70-130 | - | - | - | - |
| iso-Propyl Alcohol | 85 | - | - | - | 70-130 | - | - | - | - |
| Methylene chloride | 85 | - | - | - | 70-130 | - | - | - | - |
| 4-Methyl-2-pentanone | 90 | - | - | - | 70-130 | - | - | - | - |
| Methyl tert butyl ether | 99 | - | - | - | 70-130 | - | - | - | - |
| p/m-Xylene | 86 | - | - | - | 70-130 | - | - | - | - |
| o-Xylene | 90 | - | - | - | 70-130 | - | - | - | - |
| Heptane | 74 | - | - | - | 70-130 | - | - | - | - |
| n-Hexane | 86 | - | - | - | 70-130 | - | - | - | - |
| Propylene | 79 | - | - | - | 70-130 | - | - | - | - |
| Styrene | 92 | - | - | - | 70-130 | - | - | - | - |
| Tetrachloroethene | 94 | - | - | - | 70-130 | - | - | - | - |
| Tetrahydrofuran | 91 | - | - | - | 70-130 | - | - | - | - |
| Toluene | 79 | - | - | - | 70-130 | - | - | - | - |
| trans-1,2-Dichloroethene | 94 | - | - | - | 70-130 | - | - | - | - |
| trans-1,3-Dichloropropene | 64 | Q | - | - | 70-130 | - | - | - | - |
| Trichloroethene | 86 | - | - | - | 70-130 | - | - | - | - |
| Trichlorofluoromethane | 102 | - | - | - | 70-130 | - | - | - | - |
| Vinyl acetate | 78 | - | - | - | 70-130 | - | - | - | - |
| Vinyl bromide | 105 | - | - | - | 70-130 | - | - | - | - |

Lab Control Sample Analysis

Batch Quality Control

Project Name: NATIONAL HEATSET

Lab Number: L1004639

Project Number: NATIONAL HEATSET

Report Date: 04/07/10

| Parameter | LCS | | LCSD | | %Recovery Limits | | RPD | Qual | RPD Limits |
|-----------|-----------|------|-----------|------|------------------|--------|-----|------|------------|
| | %Recovery | Qual | %Recovery | Qual | %Recovery | Limits | | | |

Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01 Batch: WG406614-3

Vinyl chloride

98

70-130

Lab Duplicate Analysis

Batch Quality Control

Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSE

Lab Number: L1004639
Report Date: 04/07/10

| Parameter | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---|---------------|------------------|-------|-----|------|------------|
| Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG406614-5 QC Sample: L1004631-01 Client ID: DUP Sample | | | | | | |
| 1,1,1-Trichloroethane | ND | ND | ppbV | NC | NC | 25 |
| 1,1,2,2-Tetrachloroethane | ND | ND | ppbV | NC | NC | 25 |
| 1,1,2-Trichloroethane | ND | ND | ppbV | NC | NC | 25 |
| 1,1-Dichloroethane | ND | ND | ppbV | NC | NC | 25 |
| 1,1-Dichloroethene | ND | ND | ppbV | NC | NC | 25 |
| 1,2,4-Trichlorobenzene | ND | ND | ppbV | NC | NC | 25 |
| 1,2,4-Trimethylbenzene | ND | ND | ppbV | NC | NC | 25 |
| 1,2-Dibromoethane | ND | ND | ppbV | NC | NC | 25 |
| 1,2-Dichlorobenzene | ND | ND | ppbV | NC | NC | 25 |
| 1,2-Dichloroethane | ND | ND | ppbV | NC | NC | 25 |
| 1,2-Dichloropropane | ND | ND | ppbV | NC | NC | 25 |
| 1,3,5-Trimethylbenzene | ND | ND | ppbV | NC | NC | 25 |
| 1,3-Dichlorobenzene | ND | ND | ppbV | NC | NC | 25 |
| 1,4-Dichlorobenzene | ND | ND | ppbV | NC | NC | 25 |
| Benzene | 0.667 | 0.654 | ppbV | 2 | 2 | 25 |
| Benzyl chloride | ND | ND | ppbV | NC | NC | 25 |
| Bromomethane | ND | ND | ppbV | NC | NC | 25 |
| Carbon tetrachloride | ND | ND | ppbV | NC | NC | 25 |
| Chlorobenzene | ND | ND | ppbV | NC | NC | 25 |

Lab Duplicate Analysis

Batch Quality Control

Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSE

Lab Number: L1004639
Report Date: 04/07/10

| Parameter | Native Sample | Duplicate Sample | Units | RPD | RPD Limits |
|---|---------------|------------------|-------|-----|------------|
| Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG406614-5 QC Sample: L1004631-01 Client ID: DUP Sample | | | | | |
| Chloroethane | ND | ND | ppbV | NC | 25 |
| Chloroform | 1.90 | 1.85 | ppbV | 3 | 25 |
| Chloromethane | ND | ND | ppbV | NC | 25 |
| cis-1,2-Dichloroethene | 0.402 | 0.398 | ppbV | 1 | 25 |
| cis-1,3-Dichloropropene | ND | ND | ppbV | NC | 25 |
| Dichlorodifluoromethane | 0.852 | 0.841 | ppbV | 1 | 25 |
| Ethylbenzene | ND | ND | ppbV | NC | 25 |
| Freon-113 | ND | ND | ppbV | NC | 25 |
| Freon-114 | ND | ND | ppbV | NC | 25 |
| Hexachlorobutadiene | ND | ND | ppbV | NC | 25 |
| Methylene chloride | ND | ND | ppbV | NC | 25 |
| p/m-Xylene | ND | ND | ppbV | NC | 25 |
| o-Xylene | ND | ND | ppbV | NC | 25 |
| Styrene | ND | ND | ppbV | NC | 25 |
| Tetrachloroethene | 17.2 | 16.9 | ppbV | 2 | 25 |
| Toluene | ND | ND | ppbV | NC | 25 |
| trans-1,2-Dichloroethene | ND | ND | ppbV | NC | 25 |
| trans-1,3-Dichloropropene | ND | ND | ppbV | NC | 25 |
| Trichloroethene | 23.6 | 22.5 | ppbV | 5 | 25 |

Lab Duplicate Analysis Batch Quality Control

Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSE

Lab Number: L1004639
Report Date: 04/07/10

| Parameter | Native Sample | Duplicate Sample | Units | RPD | RPD Limits |
|---|-------------------------|------------------------|----------------|-----|------------|
| Volatile Organics in Air (Low Level) - Mansfield Lab Associated sample(s): 01 | QC Batch ID: WG406614-5 | QC Sample: L1004631-01 | Client ID: DUP | | |
| Trichlorofluoromethane | 0.246 | 0.254 | ppbV | 3 | 25 |
| Vinyl chloride | ND | ND | ppbV | NC | 25 |



Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSET

Lab Number: L1004639
Report Date: 04/07/10

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

| Cooler | Custody Seal |
|--------|----------------|
| N/A | Present/Intact |

Container Information

| Container ID | Container Type | Cooler | pH | Temp deg C | Pres | Seal | Analysis |
|--------------|----------------------------------|--------|-----|---------------|------|----------------|-------------|
| L1004639-01A | Tedlar Bag 5 liter-Polypropylene | N/A | N/A | | NA | Present/Intact | TO15-LL(30) |

*Hold days indicated by values in parentheses

Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSET

Lab Number: L1004639
Report Date: 04/07/10

GLOSSARY

Acronyms

- EPA** - Environmental Protection Agency.
- LCS** - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
- LCSD** - Laboratory Control Sample Duplicate: Refer to LCS.
- MS** - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
- MSD** - Matrix Spike Sample Duplicate: Refer to MS.
- NA** - Not Applicable.
- NC** - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
- NI** - Not Ignitable.
- RDL** - Reported Detection Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
- RPD** - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1.8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RDL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reported detection limit (RDL) for the sample.

Report Format: Data Usability Report



Project Name: NATIONAL HEATSET
Project Number: NATIONAL HEATSET

Lab Number: L1004639
Report Date: 04/07/10

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Woods Hole Labs shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Woods Hole Labs.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certificate/Approval Program Summary

Last revised December 15, 2009 – Mansfield Facility

The following list includes only those analytes/methods for which certification/approval is currently held. For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0141.

Wastewater/Non-Potable Water (Inorganic Parameters: pH, Turbidity, Conductivity, Alkalinity, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Vanadium, Zinc, Total Residue (Solids), Total Suspended Solids (non-filterable), Total Cyanide. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables, Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, PAHs, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)

Solid Waste/Soil (Inorganic Parameters: pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Organic Carbon, Total Cyanide, Corrosivity, TCLP 1311. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Volatile Organics, Acid Extractables, Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Florida Department of Health Certificate/Lab ID: E87814. *NELAP Accredited.*

Non-Potable Water (Inorganic Parameters: SM2320B, EPA 120.1, SM2510B, EPA 245.1, EPA 150.1, EPA 160.2, SM2540D, EPA 335.2, SM2540G, EPA 180.1. Organic Parameters: EPA 625, 608.)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7470, 7471, 9045, 9014. Organic Parameters: EPA 8260, 8270, 8082, 8081.)

Air & Emissions (EPA TO-15.)

Louisiana Department of Environmental Quality Certificate/Lab ID: 03090. *NELAP Accredited.*

Non-Potable Water (Inorganic Parameters: EPA 120.1, 150.1, 160.2, 180.1, 200.8, 245.1, 310.1, 335.2, 608, 625, 1631, 3010, 3015, 3020, 6020, 9010, 9014, 9040, SM2320B, 2510B, 2540D, 2540G, 4500CN-E, 4500H-B, Organic Parameters: EPA 3510, 3580, 3630, 3640, 3660, 3665, 5030, 8015 (mod), 3570, 8081, 8082, 8260, 8270,)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7196, 7470, 7471, 7474, 9010, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015 (mod), EPA 3570, 1311, 3050, 3051, 3060, 3580, 3630, 3640, 3660, 3665, 5035, 8081, 8082, 8260, 8270.)

Biological Tissue (Inorganic Parameters: EPA 6020. Organic Parameters: EPA 3570, 3510, 3610, 3630, 3640, 8270.)

Maine Department of Human Services Certificate/Lab ID: MA0030.

Wastewater (Inorganic Parameters: EPA 120.1, 300.0, SM 2320, 2510B, 2540C, 2540D, EPA 245.1. Organic Parameters: 608, 624.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA030.

Non-Potable Water (Inorganic Parameters: SM4500H+B. Organic Parameters: EPA 624.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2206. *NELAP Accredited.*

Non-Potable Water (Inorganic Parameters: EPA 200.8, 245.1, 1631E, 120.1, 150.1, 180.1, 310.1, 335.2, 160.2, SM2540D, 2540G, 4500CN-E, 4500H+B, 2320B, 2510B. Organic Parameters: EPA 625, 608.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA015. *NELAP Accredited.*

Non-Potable Water (Inorganic Parameters: SW-846 1312, 3010, 3020A, 3015, 6020, SM2320B, EPA 200.8, SM2540C, 2540D, 2540G, EPA 120.1, SM2510B, EPA 180.1, 245.1, 1631E, SW-846 9040B, 6020, 9010B, 9014 *Organic Parameters:* EPA 608, 625, SW-846 3510C, 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082 8260B, 8270C)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6020, 9010B, 9014, 1311, 1312, 3050B, 3051, 3060A, 7196A, 7470A, 7471A, 9045C, 9060. *Organic Parameters:* SW-846 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082, 8260B, 8270C, 3570, 8015B.)

Atmospheric Organic Parameters (EPA TO-15)

Biological Tissue (Inorganic Parameters: SW-846 6020 *Organic Parameters:* SW-846 8270C, 3510C, 3570, 3610B, 3630C, 3640A)

New York Department of Health Certificate/Lab ID: 11627. *NELAP Accredited.*

Non-Potable Water (Inorganic Parameters: EPA 310.1, SM2320B, EPA 365.2, 160.1, EPA 160.2, SM2540D, EPA 200.8, 6020, 1631E, 245.1, 335.2, 9014, 150.1, 9040B, 120.1, SM2510B, EPA 376.2, 180.1, 9010B. *Organic Parameters:* EPA 624, 8260B, 8270C, 608, 8081A, 625, 8082, 3510C, 3511, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 9040B, 9045C, SW-846 Ch7 Sec 7.3, EPA 6020, 7196A, 7471A, 7474, 9014, 9040B, 9045C, 9010B. *Organic Parameters:* EPA 8260B, 8270C, 8081A, DRO 8015B, 8082, 1311, 3050B, 3580, 3050B, 3035, 3570, 3051, 5035, 5030B.)

Air & Emissions (EPA TO-15.)

Pennsylvania Department of Environmental Protection Certificate/Lab ID: 68-02089. *NELAP Accredited.*

Non-Potable Water (Organic Parameters: EPA 5030B, EPA 8260)

Rhode Island Department of Health Certificate/Lab ID: LAO00299. *NELAP Accredited via LA-DEQ.*

Refer to MA-DEP Certificate for Non-Potable Water.

Refer to LA-DEQ Certificate for Non-Potable Water.

Texas Commission of Environmental Quality Certificate/Lab ID: T104704419-08-TX. *NELAP Accredited.*

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7470, 7471, 1311, 7196, 9014, 9040, 9045, 9060. *Organic Parameters:* EPA 8015, 8270, 8260, 8081, 8082.)

U.S. Army Corps of Engineers

Department of Defense Certificate/Lab ID: L2217.01.

Non-Potable Water (Inorganic Parameters: EPA 3005A,3020, 6020, 245.1, 245.7, 1631E, 7470A, 7474, 9014, 120.1, 9050A, 180.1, SM4500H-B, 2320B, 2510B, 2540D,9040. *Organic Parameters:* EPA 3510C, 5030B, 9010B, 624, 8260B, 8270C, 8270 Alk-PAH, 8082, 8081A, 8015 (SHC), 8015 (DRO).)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312,3051, 6020, 747A, 7474, 9045C,9060, SM 2540G, ASTM D422-63. *Organic Parameters:* EPA 3580, 3570, 3540C, 5035, 8260B, 8270C, 8270 Alk-PAH, 8082, 8081A, 8015 (SHC), 8015 (DRO).

Air & Emissions (EPA TO-15.)

Analytes Not Accredited by NELAP

Certification is not available by NELAP for the following analytes: **8270C:** Biphenyl.

AIR ANALYSIS

ALPHA ANALYTICAL
 CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: EA Engineering
 Address: 6712 Brooklawn Pkwy Syracuse, NY 13211
 Project Manager: Don Conon
 ALPHA Quote #:
 Turn-Around Time

Fax:

Email: denon@east.com

These samples have been previously analyzed by Alpha
 Other Project Specific Requirements/Comments:

Project Information

Project Name: Norwood Hasket
 Project Location: Ferrisburgh, NY
 Project #: _____
 Project Manager: Don Conon
 ALPHA Quote #:

Date Recd in Lab:

FAX
 ADEX

Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
 Other Formats:

EMAIL (standard pdf report)
 Additional Deliverables:

Report to: (if different than Project Manager)

ALPHA Job #: L1004639

Billing Information

Same as Client info
 PO #: _____

Regulatory Requirements/Report Limits

| State/Fed | Program | Criteria |
|-----------|---------|----------|
| | | |
| | | |

ANALYSIS

| ALPHA Lab ID (Lab Use Only) | Sample ID | Date | Collection | | Sample Matrix* | Sampler's Initials | Can Size | ID Can | ID - Flow Controller | Sample Comments (i.e. PID) |
|--------------------------------|--------------|---------|------------|----------|----------------|--------------------|----------|--------|----------------------|----------------------------|
| | | | Start Time | End Time | | | | | | |
| 46039-1 | SVE-EFFluent | 3-31-10 | 1656 | 1656 | SV | RZ | SL | - | - | 0.0 ppm |
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***SAMPLE MATRIX CODES**

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Relinquished By: _____

Date/Time: _____

Received By: _____

Date/Time: _____

_____ FedEx

3-31-10/1830
 4/1/10/1120

8627 6712 1932
 Schenck/Dellera

5-31-10/1830
 4/1/10/1120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.