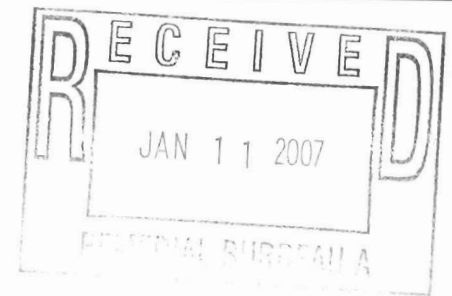




**O'BRIEN & GERE**



January 9, 2007

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  
**Operation & Maintenance Report-  
October-November 2006**  
1 Adams Boulevard  
Farmingdale, New York  
NYSDEC Site 1-52-140

File: 10653/35518 #5

Dear Mr. Dyber:

This letter 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). A site visit was performed by YEC, Inc. (YEC) personnel on November 29, 2006 on behalf of O'Brien & Gere Engineers, Inc (OBG) in accordance with our approved Work Plan.

#### **System Operation**

Based on the run time meter, the system was operational for a total of 1008 hours during this reporting period (October 18, 2006 to November 29, 2006). The system operational data is summarized in Table 1 and on the site visit data collection form provided in Appendix A.

A flow of 130 cfm and a vacuum of 52 inches of water column were observed at the extraction well. The SVE blower operated at a flow of 193.5 cubic feet per minute (cfm) as measured at the SVE influent. Field personnel recorded a tetrachloroethene (PCE) concentration of 1.0 ppm (by Draeger tube) and a concentration of volatile organic compounds (VOCs) of 0.6 ppm (by PID) from the extraction well (pre-dilution).

VOC concentrations of 1.6 ppm (by PID) and a PCE concentration of 4.0 ppm (by Draeger Tube) were observed at the SVE influent port during the site visit. VOC concentrations of 0.0 ppm (by PID) and a PCE concentration of 0.0 ppm (by Draeger Tube) were observed from the Vapor-phase Granular Activated Carbon (VGAC) mid sampling port and the effluent sampling port. Refer to Table 1.

#### **Monitoring Probes**

A vacuum of 2.3, 0.25, 0.19, 0.5, 0.35, 0.25, 0.23, 0.8, 0.01, 0.00, and 0.00 inches of water column were observed during the site visit at vapor monitoring points VP-1, VP-2, VP-3, VP-7, VP-8, VP-9, VP-11, VP-12, VP-13, VP-14, and VP-15, respectively. Monitoring point VP-10 was covered by boxes in Eagle

Mr. Jeff Dyber, P.E.

January 9, 2007

Page 2

Box Company and was inaccessible. The vapor points will continue to be monitored during future site visits.

#### **PCE Removal**

PCE removal was calculated for this reporting period using SVE influent PCE concentrations and flow rate measured at the SVE influent sampling point. The SVE system removed approximately 18 pounds of PCE from the extraction well during this reporting period and has removed approximately 2,529 pounds of PCE to date. A summary of the estimated PCE mass removal over time is presented in Table 2.

#### **Air Discharge Monitoring**

YEC personnel collected an air sample from the system effluent and submitted the sample to Mitkem Corporation for analysis. The sample was analyzed for volatile organic compounds (VOCs) using USEPA method TO-14. PCE was detected at an estimated value of 0.9 mg/m<sup>3</sup>. Neither TCE nor Cis-1, 2-DCE were detected above the method detection limit of 1.0 mg/m<sup>3</sup>. Analytical results are summarized in Table 3 and the laboratory data report is presented in Appendix B. A summary of the field monitoring and laboratory air discharge monitoring results is presented as Table 4.

Based on the effluent sampling results, 0.69 lb of PCE, 0.0 lb of TCE and 0.0 lb Cis-1, 2-DCE was discharged during the reporting period. A total of 4.11 lb of PCE has been discharged during the year 2006 toward the permitted annual discharge limit of 270 lb. A total of 0.71 lb of cis-1, 2-DCE has been discharged during the year 2006 toward the permitted annual discharge limit of 5,510 lbs. A total of 0.66 lb of TCE has been discharged during the year 2006 toward the permitted annual discharge limit of 120 lb.

#### **Conclusions and Recommendations**

Based on the data collected from the SVE system during this reporting period, OBG recommends continued operation of the SVE system. During the next SVE inspection, the extraction well (MW-F) valve will remain at the 100% open position, and the dilution valve will be reduced to the 25% open position as long as ground water is not drawn into the SVE system.

Please do not hesitate to contact me at 315-437-6100 with any questions you might have regarding this report.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.



Marc J. Dent P.E.  
Managing Engineer

cc. Trevor Staniec – O'Brien & Gere  
Dan Simpson - YEC

## TABLES

TABLE 1

## SUMMARY OF SOIL VAPOR EXTRACTION SYSTEM READINGS

## NATIONAL HEATSET PRINTING

1 ADAMS BLVD., FARMINGDALE, NY

| Date                          | Run Time<br>Meter<br>Reading<br>(hours) | Run Time Since Last<br>Visit (hours) |                    | Operation<br>Time Since<br>Last Visit<br>(%) | Dilution<br>Valve<br>Position<br>(% Open) | Extraction<br>Well<br>MW-F<br>Valve<br>Position (%)<br>Open | Air Flow<br>at Well<br>(scfm) | Vacuum<br>at Well<br>(inches<br>H2O) | Pre-<br>Dilution<br>PID<br>(ppm) | Pre-<br>Dilution<br>PCE<br>(ppm) | Influent SVE            |                           |               |              | Mid GAC      |                    |               |              | Effluent GAC |                    |               |              |              |  |  |  |  |
|-------------------------------|-----------------------------------------|--------------------------------------|--------------------|----------------------------------------------|-------------------------------------------|-------------------------------------------------------------|-------------------------------|--------------------------------------|----------------------------------|----------------------------------|-------------------------|---------------------------|---------------|--------------|--------------|--------------------|---------------|--------------|--------------|--------------------|---------------|--------------|--------------|--|--|--|--|
|                               |                                         | Available                            | Actual             |                                              |                                           |                                                             |                               |                                      |                                  |                                  | Blower<br>Flow<br>(cfm) | Vacuum<br>(inches<br>H2O) | Temp.<br>(°F) | PID<br>(ppm) | PCE<br>(ppm) | Flow<br>(cfm)      | Temp.<br>(°F) | PID<br>(ppm) | PCE<br>(ppm) | Flow<br>(cfm)      | Temp.<br>(°F) | PID<br>(ppm) | PCE<br>(ppm) |  |  |  |  |
| SVE PILOT TEST STARTUP        |                                         |                                      |                    |                                              |                                           |                                                             |                               |                                      |                                  |                                  |                         |                           |               |              |              |                    |               |              |              |                    |               |              |              |  |  |  |  |
| 9/18/2002                     | --                                      | --                                   | --                 | --                                           | --                                        | --                                                          | 34.5                          | 5                                    | 2,000                            | 500                              | 256                     | 25                        | 107.2         | 1,015        | --           | 317                | 102.3         | 0            | --           | 290                | 89.5          | 0            | --           |  |  |  |  |
| 9/30/2002                     | 304                                     | 294                                  | 294                | 100%                                         | 100                                       | 50                                                          | 38                            | 7                                    | 1,011                            | 400                              | 258                     | 27                        | --            | 75.3         | 50           | --                 | --            | --           | 0            | --                 | --            | --           | --           |  |  |  |  |
| 10/14/2002                    | 642                                     | 343                                  | 338                | 99%                                          | 100                                       | 50                                                          | 38                            | 7                                    | 1,011                            | 400                              | 258                     | 27                        | --            | 75.3         | 50           | --                 | --            | --           | 0            | --                 | --            | --           | --           |  |  |  |  |
| 11/19/2002                    | 1508                                    | 882                                  | 866                | 98%                                          | 100                                       | 50                                                          | 49                            | 12                                   | 0                                | 0                                | 120                     | 28                        | 106           | 0            | 0            | 209                | 92            | 0            | --           | 290                | 80.3          | 0            | --           |  |  |  |  |
| 12/14/2002                    | --                                      | 368                                  | --                 | --                                           | --                                        | --                                                          | --                            | --                                   | 77                               | 200                              | --                      | --                        | --            | 14.3         | 10           | --                 | --            | 15.5         | 10           | --                 | --            | 0            | 0            |  |  |  |  |
| 12/16/2002                    | 2153                                    | 294                                  | 645                | 98%                                          | 100                                       | 50                                                          | 36.5                          | 10                                   | 560                              | 200                              | 253                     | 28                        | 92            | 46.4         | 50           | 302                | 60            | 3.4          | --           | 340                | 53.9          | 0            | --           |  |  |  |  |
| 1/21/2003                     | 3016                                    | 882                                  | 863                | 98%                                          | 100                                       | 50                                                          | --                            | --                                   | --                               | --                               | 70                      | 52                        | 98            | 0            | 0            | 220                | --            | 0            | --           | 220                | --            | 0            | --           |  |  |  |  |
| 2/10/2003                     | 3496                                    | 490                                  | 480                | 98%                                          | 100                                       | 50                                                          | 38                            | --                                   | 639                              | 400                              | 262                     | 27                        | 102           | 72           | 50           | 266                | 90            | 26           | 10           | 258                | 83            | 3.2          | 10           |  |  |  |  |
| 3/18/2003                     | 4360                                    | 882                                  | 864                | 98%                                          | 100                                       | 50                                                          | 92                            | 12                                   | 125                              | 100                              | 266                     | 25                        | 123           | 15           | 10           | 278                | 124           | 0            | 0            | 282                | 117           | 0            | 0            |  |  |  |  |
| 4/29/2003                     | 5359                                    | 1029                                 | 999                | 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                                    | 343                                  | 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                                 | 1150               | 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                                  | 1                  | 0%                                           | 50                                        | 50                                                          | 99.5                          | 25                                   | 406                              | 400                              | 151                     | 68                        | 156           | 221          | 215          | 260                | 76            | 0            | 0            | 222                | 81.9          | 0            | --           |  |  |  |  |
| 7/22/2003                     | 7144                                    | 294                                  | 294                | 100                                          | 50                                        | 50                                                          | --                            | --                                   | 127                              | --                               | --                      | --                        | 168           | 65           | --           | --                 | 107           | 0            | --           | --                 | 106           | 0            | --           |  |  |  |  |
| 8/26/2003                     | 7957                                    | 858                                  | 813                | 95                                           | 50                                        | 50                                                          | 79                            | 13.5                                 | 137                              | 10                               | 186                     | 65                        | 170           | 51.4         | 5            | 291                | --            | 55.4         | 10           | 232                | --            | 35.6         | 10           |  |  |  |  |
| 9/23/2003                     | 8274                                    | 686                                  | 317                | 46                                           | 50                                        | 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                                        | 50                                                          | 166                           | 45                                   | --                               | 20                               | 158                     | 68                        | 166           | 37.5         | 25           | 214                | 130           | 30.7         | 15           | 225                | 112           | 0            | 0            |  |  |  |  |
| 11/24/2003                    | 9749                                    | 833                                  | 805                | 97                                           | 50                                        | 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                  | 0                                            | 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                                        | 50                                                          | 121                           | 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                                        | 50                                                          | 103                           | >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                                        | 75                                                          | 131                           | >60                                  | 2.4                              | 0                                | --                      | 76                        | 170           | 2.2          | 0            | 209                | 128           | 0            | 0            | 255                | 116           | 0            | 0            |  |  |  |  |
| 5/24/2004                     | 12264                                   | 613                                  | 496                | 81                                           | 50                                        | 75                                                          | 144                           | 75                                   | 43.8                             | 50                               | 172                     | 75                        | 178           | 33.1         | <50          | 250                | 121           | 4.4          | 0            | 198                | 111           | 0            | 0            |  |  |  |  |
| 6/22/2004                     | 12817                                   | 711                                  | 553                | 78                                           | 50                                        | 75                                                          | 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                                        | 75                                                          | 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                     | 13989                                   | 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                                        | 75                                                          | 139                           | 60                                   | --                               | --                               | 140                     | 76                        | 153           | 27.7         | --           | 194                | 126           | 0            | --           | 205                | 102.1         | 0            | --           |  |  |  |  |
| 10/20/2004                    | 14729                                   | 515                                  | 473                | 92                                           | 50                                        | 75                                                          | 155                           | 58                                   | --                               | --                               | 120                     | 76                        | 160           | 19.1         | 10           | 202                | 122           | 0            | 0            | 230                | 101           | 0            | 0            |  |  |  |  |
| 11/17/2004                    | 15229                                   | 686                                  | 499                | 73                                           | 75                                        | 50                                                          | 160                           | 80                                   | 17.9                             | <5                               | 148                     | 77                        | 160           | 13.5         | <10          | 152                | 112           | 7.2          | <5           | 173                | 93.4          | 0            | 0            |  |  |  |  |
| 12/22/2004                    | 15565                                   | 858                                  | 337                | 39                                           | 75                                        | 50                                                          | 143                           | 80                                   | 15.8                             | <5                               | 125                     | 85                        | 160           | 18.3         | 10           | 127                | 116           | 16           | 5            | 131                | 94            | 0            | 0            |  |  |  |  |
| 1/20/2005                     | 15933                                   | 711                                  | 368                | 52                                           | 25                                        | 100                                                         | --                            | --                                   | --                               | --                               | --                      | --                        | --            | --           | --           | --                 | --            | --           | --           | --                 | --            | --           | --           |  |  |  |  |
| 2/23/2005                     | 15933                                   | 833                                  | 0                  | 0                                            | 75                                        | 50                                                          | 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                                        | 50                                                          | 87 <sup>(1)</sup>             | 40                                   | --                               | --                               | 158 <sup>(1)</sup>      | --                        | 121           | 6.4          | 4.5          | 255 <sup>(1)</sup> | 97            | 3.4          | 3            | 234 <sup>(1)</sup> | 81            | 0            | <2           |  |  |  |  |
| 4/28/2005                     | --                                      | 720                                  | 720 <sup>(2)</sup> | 100                                          | 75                                        | 50                                                          | 86                            | 39                                   | --                               | --                               | 227                     | --                        | 126           | 8.9          | 5            | 244                | 109           | 8            | 4            | 222                | 84.2          | 0            | <2           |  |  |  |  |
| 5/31/2005                     | --                                      | 792                                  | 792 <sup>(2)</sup> | 100                                          | 50                                        | 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 <sup>(2)</sup> | 100                                          | 50                                        | 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 <sup>(2)</sup> | 100                                          | 75                                        | 65                                                          | 216                           | 26                                   | 38.1                             | 19                               | 353                     | --                        | 153.4         | 8.8          | 12           | 423                | 135.7         | 10.5         | 12           | 381                | 120.7         | 7.5          | 12           |  |  |  |  |
| Spent Carbon Replaced 8/10/05 |                                         |                                      |                    |                                              |                                           |                                                             |                               |                                      |                                  |                                  |                         |                           |               |              |              |                    |               |              |              |                    |               |              |              |  |  |  |  |
| 9/13/2005                     | 859                                     | 960                                  | 960 <sup>(2)</sup> | 100                                          | 75                                        | 50                                                          | 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                | 75                                           | 35                                        | 50                                                          | 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                                        | 50                                                          | 79                            | 31                                   | --                               | 5                                | 209                     | --                        | 110.9         | 12.2         | 9            | 242                | 99.4          | 2.6          | 2            | 239                | 83.1          | 0            | 0            |  |  |  |  |

Notes:

<sup>(1)</sup> Calculated flows based on the average of flows measured on 3-29-05 and 4-28-05<sup>(2)</sup> 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

O'Brien &amp; Gere Engineers, Inc.

1/711065/35516/SVE monthly report-OBGSVE Tables (OBG).xls

-- = 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

[illegible]

Notes:

(1) Calculated flows based on the average of flows measured on 3-29-05 and 4-28-05

<sup>(2)</sup> Run time meter reading not indicative of SVE system run time; actual hours run is assumed 100% of available. Calculated flows based on the average of flows measured on 3-29-03 and 4-28-03.

PID = Total VOC concentration measured with photoionization detector

ppm = parts per million (volume/volume basis)

ppm = parts per million (volume/volume basis)  
PCE = Tetrachloroethene (PCE) concentration measured with Dräger tube of 10-500 ppm range

PCE = tetrachloroethylene (PCE) concentration  
scfm = standard 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 lac carbon units

Effluent GAC = Readings collected after the last carbon unit

GAC = granular activated 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 2**  
**PCE**  
**REMOVAL ESTIMATE**  
**NATIONAL HEATSET PRINTING**  
**1 ADAMS BLVD., FARMINGDALE, NY**

| Date       | VOC Influent Concentration (ppmv) | PCE Influent Concentration (ppmv) | % PCE of Total VOCs | Extraction Well Flow Rate (cfm) <sup>(2)</sup> | Elapsed Time Since Last Visit (day) | PCE Removal Since Last Visit (lb) | Cumulative PCE Removal (lb) |
|------------|-----------------------------------|-----------------------------------|---------------------|------------------------------------------------|-------------------------------------|-----------------------------------|-----------------------------|
| 9/18/2002  | SVE PILOT TEST STARTUP            |                                   |                     |                                                |                                     |                                   |                             |
| 9/30/2002  | 2000 <sup>(1)</sup>               | 500 <sup>(1)</sup>                | 25.0                | 34.5                                           | 12                                  | 126                               | 126                         |
| 10/14/2002 | 1,011                             | 400                               | 39.6                | 38                                             | 14                                  | 127                               | 253                         |
| 11/19/2002 | 0                                 | 0                                 | --                  | 49                                             | 36                                  | 113                               | 367                         |
| 12/16/2002 | 560                               | 200                               | 35.7                | 36.5                                           | 27                                  | 69                                | 436                         |
| 1/13/2003  | 485                               | 400                               | 82.5                | 28.5                                           | 28                                  | 154                               | 589                         |
| 1/21/2003  | 0                                 | 0                                 | --                  | 0                                              | 8                                   | 63                                | 652                         |
| 2/10/2003  | 639                               | 400                               | 62.6                | 38                                             | 20                                  | 64                                | 715                         |
| 3/5/2003   | 263                               | 200                               | 76.0                | 24.4                                           | 23                                  | 129                               | 844                         |
| 3/18/2003  | 125                               | 100                               | 80.0                | 92                                             | 13                                  | 76                                | 920                         |
| 4/29/2003  | 152                               | 50                                | 32.9                | 75                                             | 42                                  | 105                               | 1,025                       |
| 5/13/2003  | 127                               | 50                                | 39.4                | 78                                             | 14                                  | 65                                | 1,090                       |
| 6/30/2003  | 82.4                              | 50                                | 60.7                | 115                                            | 48                                  | 89                                | 1,179                       |
| 7/22/2003  | 406                               | 400                               | 98.5                | 99.5                                           | 12                                  | 187                               | 1,367                       |
| 8/26/2003  | 137                               | 10                                | 7.3                 | 79                                             | 35                                  | 276                               | 1,643                       |
| 9/23/2003  | 141                               | 15                                | 10.6                | 218                                            | 14                                  | 14                                | 1,657                       |
| 10/21/2003 | 37.5                              | 20                                | 53.3                | 166                                            | 28                                  | 41                                | 1,698                       |
| 11/24/2003 | 141                               | 125                               | 88.7                | 130                                            | 34                                  | 179                               | 1,877                       |
| 1/6/2004   | 118                               | 100                               | 84.7                | 98.5                                           | 43                                  | --                                | 1,877                       |
| 2/9/2004   | 23.1                              | 10                                | 43.3                | 121                                            | 34                                  | 91                                | 1,968                       |
| 3/30/2004  | 22                                | 10                                | 45.5                | 103                                            | 50                                  | 22                                | 1,990                       |
| 4/29/2004  | 2.4                               | 0                                 | 0.0                 | 131                                            | 30                                  | 8                                 | 1,999                       |
| 5/24/2004  | 43.8                              | 50                                | 114.2               | 144                                            | 25                                  | 49                                | 2,047                       |
| 6/22/2004  | 57                                | 10                                | 17.5                | 127                                            | 29                                  | 54                                | 2,102                       |
| 7/28/2004  | 53.2                              | 7                                 | 13.2                | 142                                            | 36                                  | 21                                | 2,122                       |
| 8/12/2004  | 48                                | 0                                 | 0                   | 157                                            | 15                                  | 8                                 | 2,130                       |
| 9/29/2004  | 27.7                              | 0                                 | --                  | 139                                            | 48                                  | 0                                 | 2,130                       |
| 10/20/2004 | 19.1                              | 10                                | --                  | 140                                            | 21                                  | 14                                | 2,144                       |
| 11/17/2004 | 17.9                              | 10                                | 55.9                | 160                                            | 28                                  | 16                                | 2,160                       |
| 12/22/2004 | 15.8                              | 5                                 | 31.6                | 143                                            | 35                                  | 9                                 | 2,169                       |
| 1/20/2005  | --                                | --                                | --                  | --                                             | --                                  | --                                | --                          |
| 2/23/2005  | 174                               | 50                                | 28.7                | 87.5                                           | 34                                  | --                                | --                          |
| Date       | VOC Influent Concentration (ppmv) | PCE Influent Concentration (ppmv) | % PCE of Total VOCs | SVE Influent Flow Rate (cfm) <sup>(2)</sup>    | Elapsed Time Since Last Visit (day) | PCE Removal Since Last Visit (lb) | Cumulative PCE Removal (lb) |
| 3/29/2005  | 6.4                               | 4.5                               | 70.3                | 158                                            | 34                                  | 11                                | 2,180                       |
| 4/28/2005  | 8.9                               | 5                                 | 56.2                | 227                                            | 30                                  | 10                                | 2,190                       |
| 5/31/2005  | 10.4                              | 10                                | 96.2                | 208                                            | 33                                  | 18                                | 2,208                       |
| 6/24/2005  | 8.3                               | 7                                 | 84.3                | 266                                            | 24                                  | 16                                | 2,224                       |
| 8/4/2005   | 8.8                               | 12                                | 136.4               | 353                                            | 41                                  | 39                                | 2,263                       |

**Notes:**

<sup>(1)</sup> = VOC concentrations of 2,000 ppm and PCE concentrations of 500 ppm are greater than the limit of their respective monitoring device and are to be taken as estimations.

<sup>(2)</sup> SVE Influent (post-dilution) monitoring point data used for calculation of PCE Removal for dates including and subsequent to March 29, 2005; Removal updated on 1-3-06 to represent SVE Influent flow rate.

Removal Rate = [(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\*24 hr/1 day\*days of operation

<sup>(3)</sup> Run time meter reading not indicative of SVE system run time; actual hours run is assumed equal to elapsed time.

Where: MW = molecular weight  
Molecular weight (MW) of PCE is 165.85  
C = degrees centigrade, as measured  
flow = average of the present and the previous months measured SVE influent rate in cubic feet per minute (cfm)  
lb = pounds  
ppmv = parts per million (volume/volume basis)  
-- = information not available

TABLE 2  
PCE  
REMOVAL ESTIMATE  
NATIONAL HEATSET PRINTING  
1 ADAMS BLVD., FARMINGDALE, NY

[illegible]

Notes:

(1) = VOC concentrations of 2,000 ppm and PCE concentrations of 500 ppm are greater than the limit of their respective monitoring device and are to be taken as estimations.

(2) SVE Influent (post-dilution) monitoring point data used for calculation of PCE Removal for dates including and subsequent to March 29, 2005; Removal updated on 1-3-06 to represent SVE Influent flow rate.

$$\text{Removal Rate} = \frac{[(\text{flow}(\text{cfm}) \cdot \text{influent conc.}(\text{ppmv}) \cdot \text{MW} \cdot 12.187)]}{(273.15 + C)} \cdot 1 \text{ cu. m.} / 35.31 \text{ cu. ft} \cdot 1 \text{ g} / 1000 \text{ mg} \cdot 1 \text{ lb} / 453.6 \text{ g} \cdot 60 \text{ min} / 1 \text{ hr} \cdot 24 \text{ hr} / 1 \text{ day} \cdot \text{days of operation}$$

<sup>(3)</sup> Run time meter reading not indicative of SVE system run time; actual hours run is assumed equal to elapsed time.

Where: MW = molecular weight

lb = pounds

Molecular weight (MW) of PCE is 165.85

ppmv = parts per million (volume/volume basis)

C = degrees centigrade, as measured

-- = information not available

flow = average of the present and the previous months measured SVE influent rate in cubic feet per minute (cfm)

**TABLE 3**  
**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              |
| <i>Spent Carbon Replaced 8/10/05</i> |                        |                         |                 |
| 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)          |
| <i>Spent Carbon Replaced 1/25/06</i> |                        |                         |                 |
| 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 3  
AIR SAMPLE ANALYTICAL RESULTS  
NATIONAL HEATSET PRINTING  
1 ADAMS BLVD., FARMINGDALE, NY

[illegible]

Notes:

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

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

-- = sample not collected

J = Estimated Value

mg/m<sup>3</sup> = milligrams per cubic meter

**TABLE 4**  
**AIR DISCHARGE MONITORING**  
**NATIONAL HEATSET PRINTING**  
**1 ADAMS BLVD., FARMINGDALE, NY**

| Date                   | Field Monitoring                |                                          |                                          | Elapsed Time (day) | 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) | 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) |      |       |      |       |
|                        |                                 |                                          |                                          |                    |                    |                |                        |                                        |                                     |                                        |                                     |                                                |                                             |      |       |      |       |
| SVE PILOT TEST STARTUP |                                 |                                          |                                          |                    |                    |                |                        |                                        |                                     |                                        |                                     |                                                |                                             |      |       |      |       |
| 9/18/2002              | 290                             | --                                       | 0                                        | 12                 | ---                | ---            | ---                    | ---                                    | ---                                 | ---                                    | ---                                 | ---                                            | ---                                         | ---  |       |      |       |
| 9/30/2002              | ---                             | ---                                      | 0                                        | 14                 | ---                | ---            | ---                    | ---                                    | ---                                 | ---                                    | ---                                 | ---                                            | ---                                         | ---  |       |      |       |
| 10/14/2002             | 290                             | --                                       | 0                                        | 36                 | ---                | ---            | ---                    | ---                                    | ---                                 | ---                                    | ---                                 | ---                                            | ---                                         | ---  |       |      |       |
| 11/19/2002             | 340                             | --                                       | 0                                        | 27                 | ND (5)             | ND (5)         | ND (5)                 | ---                                    | ---                                 | 0.00                                   | 0.00                                | 0.00                                           | 0.00                                        | 0.00 |       |      |       |
| 12/16/2002             | 45                              | 0                                        | --                                       | 28                 | ---                | ---            | ---                    | 0.0000                                 | 0.00                                | ---                                    | ---                                 | ---                                            | ---                                         | ---  |       |      |       |
| 1/13/2003              | 220                             | --                                       | 0                                        | 8                  | ---                | ---            | ---                    | ---                                    | ---                                 | ---                                    | ---                                 | ---                                            | ---                                         | ---  |       |      |       |
| 1/21/2003              | 258                             | 10                                       | 3.2                                      | 20                 | 8.0                | 6.0            | ND (5)                 | 0.0654                                 | 31.40                               | 0.008                                  | 3.71                                | 0.006                                          | 0.00                                        | 0.00 |       |      |       |
| 3/5/2003               | 305                             | --                                       | 0                                        | 23                 | ---                | ---            | ---                    | ---                                    | ---                                 | ---                                    | ---                                 | ---                                            | ---                                         | ---  |       |      |       |
| 3/18/2003              | 282                             | 0                                        | 0                                        | 13                 | ---                | ---            | ---                    | 0.0000                                 | 0.00                                | ---                                    | ---                                 | ---                                            | ---                                         | ---  |       |      |       |
| 4/29/2003              | 287                             | 0                                        | 0.6                                      | 42                 | ---                | ---            | ---                    | 0.0000                                 | 0.00                                | ---                                    | ---                                 | ---                                            | ---                                         | ---  |       |      |       |
| 5/13/2003              | 245                             | 0                                        | 0.6                                      | 14                 | 5.0                | ND (1)         | ND (1)                 | 0.0000                                 | 0.00                                | 0.005                                  | 1.54                                | 0.00                                           | 0.00                                        | 0.00 |       |      |       |
| 6/30/2003              | 240                             | 100                                      | 29.8                                     | 48                 | ---                | ---            | ---                    | 0.3043                                 | 350.56                              | ---                                    | ---                                 | ---                                            | ---                                         | ---  |       |      |       |
| 7/22/2003              | 222                             | --                                       | 0                                        | 12                 | ND (1)             | ND (1)         | ND (1)                 | ---                                    | ---                                 | 0.00                                   | 0.00                                | 0.00                                           | 0.00                                        | 0.00 |       |      |       |
| 8/26/2003              | 232                             | 10                                       | 35.6                                     | 35                 | 29.0               | 3.6            | ND (5)                 | 0.0588                                 | 49.42                               | 0.025                                  | 21.17                               | 0.003                                          | 0.00                                        | 0.00 |       |      |       |
| 9/23/2003              | 210                             | 0                                        | 0                                        | 28                 | ND (5)             | ND (5)         | ND (5)                 | 0.0000                                 | 0.00                                | 0.000                                  | 0.00                                | 0.000                                          | 0.00                                        | 0.00 |       |      |       |
| 10/21/2003             | 225                             | 0                                        | 0                                        | 28                 | ND (5)             | ND (5)         | ND (5)                 | 0.0000                                 | 0.00                                | 0.000                                  | 0.00                                | 0.000                                          | 0.00                                        | 0.00 |       |      |       |
| 11/24/2003             | 205                             | 0                                        | 0                                        | 34                 | ---                | ---            | ---                    | 0.0000                                 | 0.00                                | ---                                    | ---                                 | ---                                            | ---                                         | ---  |       |      |       |
| 2003 Totals:           |                                 |                                          |                                          | 431.38             |                    |                |                        |                                        |                                     |                                        |                                     |                                                |                                             |      | 26.42 | 5.41 | 0.00  |
| 1/6/2004               | 200                             | 0                                        | 0                                        | 43                 | ---                | ---            | ---                    | 0.0000                                 | 0.00                                | ---                                    | ---                                 | ---                                            | ---                                         | ---  |       |      |       |
| 2/9/2004               | 235                             | 0                                        | 0                                        | 34                 | ND (5)             | ND (5)         | 10                     | 0.0000                                 | 0.00                                | 0.000                                  | 0.00                                | 0.000                                          | 0.009                                       | 7.18 |       |      |       |
| 3/30/2004              | 160                             | 5                                        | 24                                       | 50                 | 77                 | 1J             | 2J                     | 0.0203                                 | 24.34                               | 0.046                                  | 55.38                               | 0.001                                          | 0.72                                        | 1.44 |       |      |       |
| 4/29/2004              | 255                             | 0                                        | 0                                        | 30                 | 10                 | ND (5)         | ND (5)                 | 0.0000                                 | 0.00                                | 0.010                                  | 6.88                                | 0.001                                          | 0.69                                        | 1.38 |       |      |       |
| 5/24/2004              | 198                             | 0                                        | 0                                        | 25                 | ND (1)             | ND (1)         | ND (1)                 | 0.0000                                 | 0.00                                | 0.000                                  | 0.00                                | 0.000                                          | 0.00                                        | 0.00 |       |      |       |
| 6/22/2004              | 210                             | 0                                        | 0                                        | 29                 | ND (1)             | ND (1)         | ND (1)                 | 0.0000                                 | 0.00                                | 0.000                                  | 0.00                                | 0.000                                          | 0.00                                        | 0.00 |       |      |       |
| 7/28/2004              | 181                             | 0                                        | 3.1                                      | 36                 | ND (5)             | ND (5)         | ND (5)                 | 0.0000                                 | 0.00                                | 0.000                                  | 0.00                                | 0.000                                          | 0.00                                        | 0.00 |       |      |       |
| 8/12/2004              | 187                             | 0                                        | 0.1                                      | 15                 | ---                | ---            | ---                    | 0.0000                                 | 0.00                                | ---                                    | ---                                 | ---                                            | ---                                         | ---  |       |      |       |
| 9/29/2004              | 205                             | --                                       | 0                                        | 48                 | ND (1)             | ND (1)         | ND (1)                 | ---                                    | ---                                 | 0.000                                  | 0.00                                | 0.000                                          | 0.00                                        | 0.00 |       |      |       |
| 10/20/2004             | 230                             | 0                                        | 0                                        | 21                 | ND (1)             | ND (1)         | ND (1)                 | 0.0000                                 | 0.00                                | 0.000                                  | 0.00                                | 0.000                                          | 0.000                                       | 0.00 |       |      |       |
| 11/17/2004             | 173                             | 0                                        | 0                                        | 28                 | ND (1)             | ND (1)         | ND (1)                 | 0.0000                                 | 0.00                                | 0.000                                  | 0.00                                | 0.000                                          | 0.000                                       | 0.00 |       |      |       |
| 12/22/2004             | 131                             | 0                                        | 0                                        | 35                 | ND (1)             | ND (1)         | ND (1)                 | 0.0000                                 | 0.00                                | 0.000                                  | 0.00                                | 0.000                                          | 0.000                                       | 0.00 |       |      |       |
| 2004 Totals:           |                                 |                                          |                                          | 24.34              |                    |                |                        |                                        |                                     |                                        |                                     |                                                |                                             |      | 62.26 | 1.41 | 10.00 |

Notes: -- = Measurement not recorded  
**Discharge Rate (Field Mon., lb/hr)** = [(flow/cfm)\*inflow 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=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 |       |       |
|--------------|-------|-------|
|              | lb/hr | lb/yr |
| PCE          | 0.031 | 270   |
| TCE          | 0.014 | 120   |
| cis-1,2-DCE  | 0.63  | 5,510 |

**TABLE 4**  
**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) | Elapsed Time (day) | 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) | 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) |
| 1/23/2005                             | --                              | --                                       | --                                       | --                 | --             | --                                  | --                     | --                                     | --                                  | --                                     | --                                  | --                                             | --                                          |
| 2/23/2005                             | 245                             | 0                                        | 0                                        | 34                 | ND (1)         | ND (1)                              | 2                      | 0.0000                                 | 0.00                                | 0.0000                                 | 0.00                                | 0.0002                                         | 1.43                                        |
| 3/29/2005                             | 234 <sup>(1)</sup>              | 0                                        | 0                                        | 34                 | ND (1)         | ND (1)                              | 1                      | 0.0000                                 | 0.30                                | 0.0000                                 | 0.00                                | 0.0001                                         | 0.60                                        |
| 4/28/2005                             | 222                             | 0                                        | 0                                        | 30                 | 0.5            | ND (1)                              | 1                      | 0.0000                                 | 3.31                                | 0.0017                                 | 1.32                                | 0.0001                                         | 0.66                                        |
| 5/31/2005                             | 223                             | 0                                        | 0                                        | 33                 | 5              | 2                                   | 0.8J                   | 0.0620                                 | 33.42                               | 0.0018                                 | 1.04                                | 0.0001                                         | 0.42                                        |
| 6/24/2005                             | 242                             | 10.1                                     | 15                                       | 24                 | 64             | 2                                   | 1J                     | 0.1159                                 | 80.05                               | 0.0014                                 | 1.40                                | 0.0001                                         | 0.98                                        |
| 8/4/2005                              | 381                             | 12                                       | 7.5                                      | 41                 | 57             | 1J                                  |                        |                                        |                                     |                                        |                                     |                                                |                                             |
| <b>Spent Carbon Replaced 8/10/05</b>  |                                 |                                          |                                          |                    |                |                                     |                        |                                        |                                     |                                        |                                     |                                                |                                             |
| 9/13/2005                             | 248                             | 0                                        | 0                                        | 40                 | ND (1)         | ND (1)                              | ND (1)                 | 0.0000                                 | 0.00                                | 0.0000                                 | 0.00                                | 0.0000                                         | 0.00                                        |
| 10/10/2005                            | 211                             | 0                                        | 0                                        | 27                 | ND (1)         | ND (1)                              | ND (1)                 | 0.0000                                 | 0.00                                | 0.0000                                 | 0.00                                | 0.0000                                         | 0.00                                        |
| 11/11/2005                            | 239                             | 0                                        | 0                                        | 32                 | ND (1)         | ND (1)                              | ND (1)                 | 0.0000                                 | 0.00                                | 0.0000                                 | 0.00                                | 0.0000                                         | 0.00                                        |
| 12/8/2005                             | 212                             | 0                                        | 0.1                                      | 27                 | ND (1)         | ND (1)                              | ND (1)                 | 0.0000                                 | 0.00                                | 0.0000                                 | 0.00                                | 0.0000                                         | 0.00                                        |
| <b>2005 Totals:</b>                   |                                 |                                          |                                          |                    |                |                                     |                        | <b>149.79</b>                          | <b>117.08</b>                       |                                        | <b>3.77</b>                         |                                                | <b>4.09</b>                                 |
| 1/6/2006                              | 265                             | 0                                        | 5.8                                      | 29                 | ND (1)         | ND (1)                              | ND (1)                 | 0.0000                                 | 0.00                                | 0.0000                                 | 0.00                                | 0.0000                                         | 0.00                                        |
| <b>Spent Carbon Replaced 1/25/06</b>  |                                 |                                          |                                          |                    |                |                                     |                        |                                        |                                     |                                        |                                     |                                                |                                             |
| 2/6/2006                              | 322                             | 0                                        | 0                                        | 30                 | 1              | ND (1)                              | ND (1)                 | 0.0000                                 | 0.87                                | 0.0000                                 | 0.00                                | 0.0000                                         | 0.00                                        |
| 3/14/2006                             | 232                             | 0                                        | 0                                        | 36                 | ND (1)         | ND (1)                              | ND (1)                 | 0.0000                                 | 0.00                                | 0.0000                                 | 0.00                                | 0.0000                                         | 0.00                                        |
| 4/12/2006                             | 271                             | 0                                        | 0                                        | 29                 | 0.6J           | ND (1)                              | ND (1)                 | 0.0006                                 | 0.42                                | 0.0000                                 | 0.00                                | 0.0000                                         | 0.00                                        |
| 5/4/2006                              | 214                             | 0                                        | 0                                        | 22                 | ND (1)         | ND (1)                              | ND (1)                 | 0.0000                                 | 0.00                                | 0.0000                                 | 0.00                                | 0.0000                                         | 0.00                                        |
| 6/12/2006                             | 253                             | 0                                        | 0                                        | 39                 | ND (1)         | ND (1)                              | ND (1)                 | 0.0000                                 | 0.00                                | 0.0000                                 | 0.00                                | 0.0000                                         | 0.00                                        |
| 7/12/2006                             | 196                             | 0                                        | 0                                        | 30                 | ND (1)         | ND (1)                              | 0.6J                   | 0.0000                                 | 0.00                                | 0.0000                                 | 0.00                                | 0.0001                                         | 0.38                                        |
| 8/7/2006                              | 210                             | 0                                        | 0                                        | 26                 | 1              | ND (1)                              | ND (1)                 | 0.0000                                 | 0.49                                | 0.0000                                 | 0.00                                | 0.0000                                         | 0.00                                        |
| 9/21/2006                             | 203                             | 0                                        | 2.1                                      | 45                 | 2              | 0.8J                                | 0.4J                   | 0.0000                                 | 1.64                                | 0.0006                                 | 0.66                                | 0.0003                                         | 0.33                                        |
| <b>Spent Carbon Replaced 10/11/06</b> |                                 |                                          |                                          |                    |                |                                     |                        |                                        |                                     |                                        |                                     |                                                |                                             |
| 10/18/2006                            | 236                             | 0                                        | 0                                        | 27                 | --             | --                                  | --                     | 0.0000                                 | --                                  | --                                     | --                                  | --                                             | --                                          |
| 11/29/2006                            | 202                             | 0                                        | 0                                        | 42                 | 0.9J           | ND (1)                              | ND (1)                 | 0.0000                                 | 0.69                                | 0.0000                                 | 0.00                                | 0.0000                                         | 0.00                                        |
| <b>2006 Totals:</b>                   |                                 |                                          |                                          |                    |                |                                     |                        | <b>0.00</b>                            | <b>4.11</b>                         |                                        | <b>0.66</b>                         |                                                | <b>0.71</b>                                 |

Notes: -- = Measurement not recorded

<sup>(1)</sup> Calculated flows based on the average of flows measured on 3-29-05 and 4-28-05

**Discharge Rate (Field Mon., lb/hr)** = [(flow(cfm)\*inlet 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/hr)** = Discharge Rate (lb/hr) \* # of days\*24hours/day\*60 minutes/hr

**Discharge (Lab Res., lb)** = 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=165.85; TCE=131.4; cis-1,2-DCE=96.94

cfm = cubic feet per minute

mg/cu. m = milligrams per cubic meter

lb = pounds

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

## FIGURES

NOTE  
FIGURE DEVELOPED BY SHAW ENVIRONMENTAL, INC.  
REVISED BY OBG (4/28/05 AND 11/3/05).

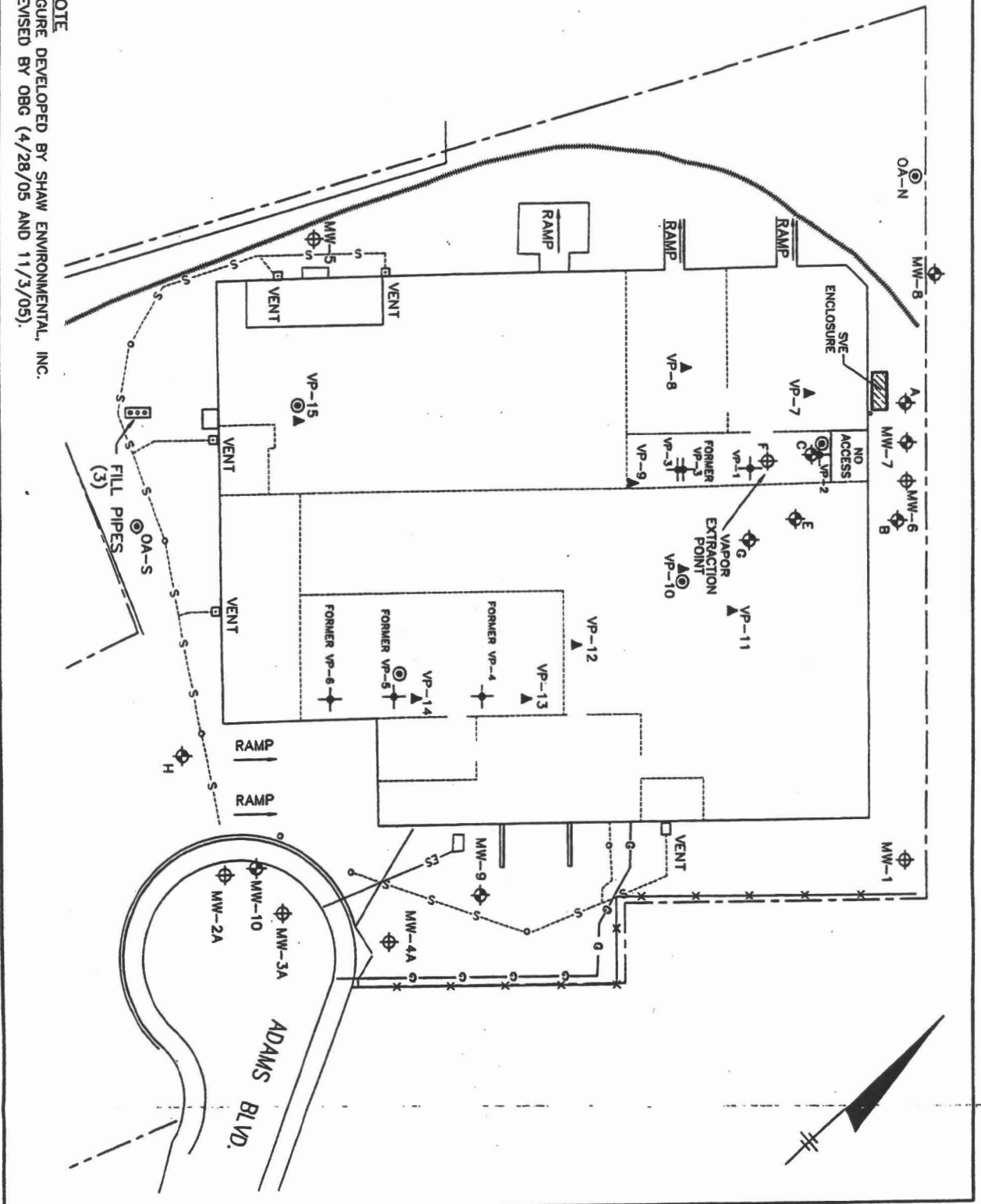


FIGURE 1

**LEGEND**

- ◆ TRAIN TRACK
- ⊙ AIR SAMPLING POINT  
(LOCATIONS APPROXIMATE  
AS SHOWN)
- ▲ SAMPLING/ VAPOR  
MONITORING POINT
- ⊕ VAPOR MONITORING POINT
- ⊕ DEEP MONITORING WELL  
(>30')
- ⊕ SHALLOW MONITORING WELL  
(<30')
- MANHOLE OR ACCESS POINT
- \*—\*— FENCE LINE
- ES— ELECTRIC LINE
- G— GAS LINE
- S— SANITARY SEWER
- PROPERTY LINE
- INTERIOR BUILDING WALL  
(DIVIDES WAREHOUSE)

1"=50'  
50 0

NATIONAL HEATSET PRINTING  
FARMINGDALE, NEW YORK  
SUBSLAB INVESTIGATION  
LOCATIONS

FILE NO. 10653.35518.003  
NOVEMBER 2005

APPENDIX A  
SITE VISIT DOCUMENTATION

**National Heatset Printing**  
1 Adams Boulevard, Farmingdale, New York  
O'Brien & Gere Eng. - Job # 35518.005

---

Personnel: Dan Simpson Time: 0900  
Weather: Cloudy 52° Date: 11/29/2006

**System Status:**

Arrival: 0900  
Departure: 1200  
Run Timer Reading: 1142525  
Electric Meter Reading: 06256

**System Data:**

Extraction Well F Gate Valve: 100 % Open  
Dilution Valve: 50 % Open

**Pre-Bleed Air (Extraction Well):**

Flow: 130.0 CFM  
Vacuum: 52 "H2O  
PID Reading: 0.6 PPM  
Draeger Tube: 1.0 PPM  
Temperature: 82.2 °F

**Post-Bleed Air (SVE Influent):**

Flow: 193.5 CFM  
Vacuum: -- "H2O  
PID Reading: 1.6 PPM  
Draeger Tube: 4 PPM  
Temperature: 138.8 °F

**Carbon Monitoring:**

Mid: 0.0 PPM 226 CFM 137.8 Temp. (°F) 0.0 PPM (Drager)  
Effluent: 0.0 PPM 202 CFM 118.0 Temp. (°F) 0.0 PPM (Drager)

Carbon effluent sample collected & shipped to lab? Yes

Knockout Tank Drained? No  
# Gallons: N/A  
Purge water drums on-site: 0

**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-11 | VP-12 | VP-13 | VP-14 | VP-15 |
|---------------|-------|-------|-------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| DTW (ft):     | 14.69 | 14.69 | 14.88 | --   | --   | --   | --   | --   | --   | --    | --    | --    | --    | --    |
| Vac. (" H2O): | --    | --    | --    | 2.3  | 0.25 | 0.19 | 0.5  | 0.35 | 0.25 | 0.23  | 0.08  | 0.01  | 0.0   | 0.0   |
| PID (PPM):    | --    | --    | --    | --   | --   | --   | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

**Comments:**

VP-10 No access, under cardboard.

---

---

---

---

APPENDIX B  
LABORATORY REPORT OF ANALYSES

December 18, 2006

O'Brien & Gere  
5000 Brittonfield Parkway  
Syracuse, NY 13221-4873  
Attn: Mr. Marc Dent

RE: Client Project: NYSDEC – National Heatset  
Lab Project #: E1854

Dear Mr. Dent:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project. If you have any questions regarding this report, please call me.

We appreciate your business.

Sincerely,



Agnes R. Ng  
CLP Project Manager



Report of Laboratory Analyses for O'Brien & Gere

Client Project: National Heatset, 11/29/06

Mitkem Work Order ID: E1854

December 18, 2006

Prepared For: O'Brien & Gere  
5000 Brittonfield Parkway  
P. O. Box 4873  
Syracuse, NY 13221-4873  
Attn: Mr. Marc Dent

Prepared By: Mitkem Corporation  
175 Metro Center Boulevard  
Warwick, RI 02886  
(401) 732-3400



**Client: O'Brien & Gere**

**Client Project: National Heatset, 11/29/06**

**Lab Project: E1854**

**Date samples received: 12/01/06**

### **Project Narrative**

This data report includes the analysis results for one (1) air sample in a Tedlar bag that was received from O'Brien & Gere on December 1, 2006. Analyses were performed per specification in the Chain of Custody form. For reference, a copy of the Mitkem Work Order form is included for cross-referencing the client sample ID and laboratory sample ID.

All of the analyses were performed according to method specifications, as modified by Mitkem. No unusual occurrences were noted during sample analysis.

All pages in this report have been numbered consecutively, starting with the title page and ending with a page saying only "Last Page of Data Report".

This data report has been reviewed and is authorized for release as evidenced by the signature below.

A handwritten signature in cursive script, appearing to read "Agnes Ng".

Agnes Ng  
CLP Project Manager

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SVE-EFFLUENT

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1854

Matrix: (soil/water) AIR

Lab Sample ID: E1854-01A

Sample wt/vol: 25 (g/mL) ML

Lab File ID: VI11334

Level: (low/med) LOW

Date Received: 12/01/06

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 12/11/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

|         |          |                                               |   |
|---------|----------|-----------------------------------------------|---|
| CAS NO. | COMPOUND | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) MG/M3 | Q |
|---------|----------|-----------------------------------------------|---|

|                 |                           |   |   |
|-----------------|---------------------------|---|---|
| 75-71-8-----    | Dichlorodifluoromethane   | 1 | U |
| 74-87-3-----    | Chloromethane             | 1 | U |
| 75-01-4-----    | Vinyl Chloride            | 1 | U |
| 74-83-9-----    | Bromomethane              | 1 | U |
| 75-00-3-----    | Chloroethane              | 1 | U |
| 75-69-4-----    | Trichlorofluoromethane    | 1 | U |
| 75-35-4-----    | 1,1-Dichloroethene        | 1 | U |
| 67-64-1-----    | Acetone                   | 1 | U |
| 74-88-4-----    | Iodomethane               | 1 | U |
| 75-15-0-----    | Carbon Disulfide          | 1 | U |
| 75-09-2-----    | Methylene Chloride        | 1 | U |
| 156-60-5-----   | trans-1,2-Dichloroethene  | 1 | U |
| 1634-04-4-----  | Methyl tert-butyl ether   | 1 | U |
| 75-34-3-----    | 1,1-Dichloroethane        | 1 | U |
| 108-05-4-----   | Vinyl acetate             | 1 | U |
| 78-93-3-----    | 2-Butanone                | 1 | U |
| 156-59-2-----   | cis-1,2-Dichloroethene    | 1 | U |
| 590-20-7-----   | 2,2-Dichloropropane       | 1 | U |
| 74-97-5-----    | Bromochloromethane        | 1 | U |
| 67-66-3-----    | Chloroform                | 1 | U |
| 71-55-6-----    | 1,1,1-Trichloroethane     | 1 | U |
| 563-58-6-----   | 1,1-Dichloropropene       | 1 | U |
| 56-23-5-----    | Carbon Tetrachloride      | 1 | U |
| 107-06-2-----   | 1,2-Dichloroethane        | 1 | U |
| 71-43-2-----    | Benzene                   | 1 | U |
| 79-01-6-----    | Trichloroethene           | 1 | U |
| 78-87-5-----    | 1,2-Dichloropropane       | 1 | U |
| 74-95-3-----    | Dibromomethane            | 1 | U |
| 75-27-4-----    | Bromodichloromethane      | 1 | U |
| 10061-01-5----- | cis-1,3-Dichloropropene   | 1 | U |
| 108-10-1-----   | 4-Methyl-2-pentanone      | 1 | U |
| 108-88-3-----   | Toluene                   | 1 | U |
| 10061-02-6----- | trans-1,3-Dichloropropene | 1 | U |
| 79-00-5-----    | 1,1,2-Trichloroethane     | 1 | U |

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SVE-EFFLUENT

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1854

Matrix: (soil/water) AIR

Lab Sample ID: E1854-01A

Sample wt/vol: 25 (g/mL) ML

Lab File ID: VII1334

Level: (low/med) LOW

Date Received: 12/01/06

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 12/11/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) MG/M3      Q

| CAS NO.        | COMPOUND                    | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) MG/M3 | Q |
|----------------|-----------------------------|-----------------------------------------------|---|
| 142-28-9-----  | 1,3-Dichloropropane         | 1                                             | U |
| 127-18-4-----  | Tetrachloroethene           | 0.9                                           | J |
| 591-78-6-----  | 2-Hexanone                  | 1                                             | U |
| 124-48-1-----  | Dibromochloromethane        | 1                                             | U |
| 106-93-4-----  | 1,2-Dibromoethane           | 1                                             | U |
| 108-90-7-----  | Chlorobenzene               | 1                                             | U |
| 630-20-6-----  | 1,1,1,2-Tetrachloroethane   | 1                                             | U |
| 100-41-4-----  | Ethylbenzene                | 1                                             | U |
| -----          | m,p-Xylene                  | 1                                             | U |
| 95-47-6-----   | o-Xylene                    | 1                                             | U |
| 1330-20-7----- | Xylene (Total)              | 1                                             | U |
| 100-42-5-----  | Styrene                     | 1                                             | U |
| 75-25-2-----   | Bromoform                   | 1                                             | U |
| 98-82-8-----   | Isopropylbenzene            | 1                                             | U |
| 79-34-5-----   | 1,1,2,2-Tetrachloroethane   | 1                                             | U |
| 108-86-1-----  | Bromobenzene                | 1                                             | U |
| 96-18-4-----   | 1,2,3-Trichloropropane      | 1                                             | U |
| 103-65-1-----  | n-Propylbenzene             | 1                                             | U |
| 95-49-8-----   | 2-Chlorotoluene             | 1                                             | U |
| 108-67-8-----  | 1,3,5-Trimethylbenzene      | 1                                             | U |
| 106-43-4-----  | 4-Chlorotoluene             | 1                                             | U |
| 98-06-6-----   | tert-Butylbenzene           | 1                                             | U |
| 95-63-6-----   | 1,2,4-Trimethylbenzene      | 1                                             | U |
| 135-98-8-----  | sec-Butylbenzene            | 1                                             | U |
| 99-87-6-----   | 4-Isopropyltoluene          | 1                                             | U |
| 541-73-1-----  | 1,3-Dichlorobenzene         | 1                                             | U |
| 106-46-7-----  | 1,4-Dichlorobenzene         | 1                                             | U |
| 104-51-8-----  | n-Butylbenzene              | 1                                             | U |
| 95-50-1-----   | 1,2-Dichlorobenzene         | 1                                             | U |
| 96-12-8-----   | 1,2-Dibromo-3-chloropropane | 1                                             | U |
| 120-82-1-----  | 1,2,4-Trichlorobenzene      | 1                                             | U |
| 87-68-3-----   | Hexachlorobutadiene         | 1                                             | U |
| 91-20-3-----   | Naphthalene                 | 0.2                                           | J |
| 87-61-6-----   | 1,2,3-Trichlorobenzene      | 0.2                                           | J |

FORM I VOA

OLM03.0

0004

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VIULCS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1854

Matrix: (soil/water) AIR

Lab Sample ID: LCS-27466

Sample wt/vol: 25 (g/mL) ML

Lab File ID: VII1333

Level: (low/med) LOW

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 12/11/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) MG/M3 | Q |
|---------|----------|-----------------------------------------------|---|
|---------|----------|-----------------------------------------------|---|

|                 |                           |    |  |
|-----------------|---------------------------|----|--|
| 75-71-8-----    | Dichlorodifluoromethane   | 8  |  |
| 74-87-3-----    | Chloromethane             | 10 |  |
| 75-01-4-----    | Vinyl Chloride            | 9  |  |
| 74-83-9-----    | Bromomethane              | 11 |  |
| 75-00-3-----    | Chloroethane              | 10 |  |
| 75-69-4-----    | Trichlorofluoromethane    | 9  |  |
| 75-35-4-----    | 1,1-Dichloroethene        | 10 |  |
| 67-64-1-----    | Acetone                   | 12 |  |
| 74-88-4-----    | Iodomethane               | 10 |  |
| 75-15-0-----    | Carbon Disulfide          | 10 |  |
| 75-09-2-----    | Methylene Chloride        | 10 |  |
| 156-60-5-----   | trans-1,2-Dichloroethene  | 11 |  |
| 1634-04-4-----  | Methyl tert-butyl ether   | 11 |  |
| 75-34-3-----    | 1,1-Dichloroethane        | 11 |  |
| 108-05-4-----   | Vinyl acetate             | 13 |  |
| 78-93-3-----    | 2-Butanone                | 13 |  |
| 156-59-2-----   | cis-1,2-Dichloroethene    | 11 |  |
| 590-20-7-----   | 2,2-Dichloropropane       | 18 |  |
| 74-97-5-----    | Bromochloromethane        | 11 |  |
| 67-66-3-----    | Chloroform                | 11 |  |
| 71-55-6-----    | 1,1,1-Trichloroethane     | 11 |  |
| 563-58-6-----   | 1,1-Dichloropropene       | 11 |  |
| 56-23-5-----    | Carbon Tetrachloride      | 11 |  |
| 107-06-2-----   | 1,2-Dichloroethane        | 11 |  |
| 71-43-2-----    | Benzene                   | 11 |  |
| 79-01-6-----    | Trichloroethene           | 11 |  |
| 78-87-5-----    | 1,2-Dichloropropane       | 11 |  |
| 74-95-3-----    | Dibromomethane            | 10 |  |
| 75-27-4-----    | Bromodichloromethane      | 11 |  |
| 10061-01-5----- | cis-1,3-Dichloropropene   | 12 |  |
| 108-10-1-----   | 4-Methyl-2-pentanone      | 12 |  |
| 108-88-3-----   | Toluene                   | 11 |  |
| 10061-02-6----- | trans-1,3-Dichloropropene | 12 |  |
| 79-00-5-----    | 1,1,2-Trichloroethane     | 11 |  |

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VIULCS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1854

Matrix: (soil/water) AIR

Lab Sample ID: LCS-27466

Sample wt/vol: 25 (g/mL) ML

Lab File ID: VI11333

Level: (low/med) LOW

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 12/11/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

| CAS NO.        | COMPOUND                    | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) MG/M3 | Q |
|----------------|-----------------------------|-----------------------------------------------|---|
| 142-28-9-----  | 1,3-Dichloropropane         | 11                                            |   |
| 127-18-4-----  | Tetrachloroethene           | 7                                             |   |
| 591-78-6-----  | 2-Hexanone                  | 13                                            |   |
| 124-48-1-----  | Dibromochloromethane        | 11                                            |   |
| 106-93-4-----  | 1,2-Dibromoethane           | 11                                            |   |
| 108-90-7-----  | Chlorobenzene               | 10                                            |   |
| 630-20-6-----  | 1,1,1,2-Tetrachloroethane   | 10                                            |   |
| 100-41-4-----  | Ethylbenzene                | 11                                            |   |
| -----          | m,p-Xylene                  | 22                                            |   |
| 95-47-6-----   | o-Xylene                    | 11                                            |   |
| 1330-20-7----- | Xylene (Total)              | 33                                            |   |
| 100-42-5-----  | Styrene                     | 11                                            |   |
| 75-25-2-----   | Bromoform                   | 11                                            |   |
| 98-82-8-----   | Isopropylbenzene            | 11                                            |   |
| 79-34-5-----   | 1,1,2,2-Tetrachloroethane   | 11                                            |   |
| 108-86-1-----  | Bromobenzene                | 11                                            |   |
| 96-18-4-----   | 1,2,3-Trichloropropane      | 11                                            |   |
| 103-65-1-----  | n-Propylbenzene             | 11                                            |   |
| 95-49-8-----   | 2-Chlorotoluene             | 11                                            |   |
| 108-67-8-----  | 1,3,5-Trimethylbenzene      | 11                                            |   |
| 106-43-4-----  | 4-Chlorotoluene             | 11                                            |   |
| 98-06-6-----   | tert-Butylbenzene           | 13                                            |   |
| 95-63-6-----   | 1,2,4-Trimethylbenzene      | 11                                            |   |
| 135-98-8-----  | sec-Butylbenzene            | 11                                            |   |
| 99-87-6-----   | 4-Isopropyltoluene          | 11                                            |   |
| 541-73-1-----  | 1,3-Dichlorobenzene         | 11                                            |   |
| 106-46-7-----  | 1,4-Dichlorobenzene         | 11                                            |   |
| 104-51-8-----  | n-Butylbenzene              | 12                                            |   |
| 95-50-1-----   | 1,2-Dichlorobenzene         | 11                                            |   |
| 96-12-8-----   | 1,2-Dibromo-3-chloropropane | 11                                            |   |
| 120-82-1-----  | 1,2,4-Trichlorobenzene      | 11                                            |   |
| 87-68-3-----   | Hexachlorobutadiene         | 11                                            |   |
| 91-20-3-----   | Naphthalene                 | 11                                            |   |
| 87-61-6-----   | 1,2,3-Trichlorobenzene      | 11                                            |   |

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBK1U

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1854

Matrix: (soil/water) AIR

Lab Sample ID: MB-27466

Sample wt/vol: 25 (g/mL) ML

Lab File ID: VII1332

Level: (low/med) LOW

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 12/11/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

|         |          |                                               |   |
|---------|----------|-----------------------------------------------|---|
| CAS NO. | COMPOUND | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) MG/M3 | Q |
|---------|----------|-----------------------------------------------|---|

|                 |                           |   |   |
|-----------------|---------------------------|---|---|
| 75-71-8-----    | Dichlorodifluoromethane   | 1 | U |
| 74-87-3-----    | Chloromethane             | 1 | U |
| 75-01-4-----    | Vinyl Chloride            | 1 | U |
| 74-83-9-----    | Bromomethane              | 1 | U |
| 75-00-3-----    | Chloroethane              | 1 | U |
| 75-69-4-----    | Trichlorofluoromethane    | 1 | U |
| 75-35-4-----    | 1,1-Dichloroethene        | 1 | U |
| 67-64-1-----    | Acetone                   | 1 | U |
| 74-88-4-----    | Iodomethane               | 1 | U |
| 75-15-0-----    | Carbon Disulfide          | 1 | U |
| 75-09-2-----    | Methylene Chloride        | 1 | U |
| 156-60-5-----   | trans-1,2-Dichloroethene  | 1 | U |
| 1634-04-4-----  | Methyl tert-butyl ether   | 1 | U |
| 75-34-3-----    | 1,1-Dichloroethane        | 1 | U |
| 108-05-4-----   | Vinyl acetate             | 1 | U |
| 78-93-3-----    | 2-Butanone                | 1 | U |
| 156-59-2-----   | cis-1,2-Dichloroethene    | 1 | U |
| 590-20-7-----   | 2,2-Dichloropropane       | 1 | U |
| 74-97-5-----    | Bromochloromethane        | 1 | U |
| 67-66-3-----    | Chloroform                | 1 | U |
| 71-55-6-----    | 1,1,1-Trichloroethane     | 1 | U |
| 563-58-6-----   | 1,1-Dichloropropene       | 1 | U |
| 56-23-5-----    | Carbon Tetrachloride      | 1 | U |
| 107-06-2-----   | 1,2-Dichloroethane        | 1 | U |
| 71-43-2-----    | Benzene                   | 1 | U |
| 79-01-6-----    | Trichloroethene           | 1 | U |
| 78-87-5-----    | 1,2-Dichloropropane       | 1 | U |
| 74-95-3-----    | Dibromomethane            | 1 | U |
| 75-27-4-----    | Bromodichloromethane      | 1 | U |
| 10061-01-5----- | cis-1,3-Dichloropropene   | 1 | U |
| 108-10-1-----   | 4-Methyl-2-pentanone      | 1 | U |
| 108-88-3-----   | Toluene                   | 1 | U |
| 10061-02-6----- | trans-1,3-Dichloropropene | 1 | U |
| 79-00-5-----    | 1,1,2-Trichloroethane     | 1 | U |

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK1U

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1854

Matrix: (soil/water) AIR

Lab Sample ID: MB-27466

Sample wt/vol: 25 (g/mL) ML

Lab File ID: VII1332

Level: (low/med) LOW

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 12/11/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_\_ (uL)

Soil Aliquot Volume: \_\_\_\_\_ (uL)

| CAS NO. | COMPOUND | CONCENTRATION UNITS:<br>(ug/L or ug/Kg) MG/M3 | Q |
|---------|----------|-----------------------------------------------|---|
|---------|----------|-----------------------------------------------|---|

|                |                             |   |   |
|----------------|-----------------------------|---|---|
| 142-28-9-----  | 1,3-Dichloropropane         | 1 | U |
| 127-18-4-----  | Tetrachloroethene           | 1 | U |
| 591-78-6-----  | 2-Hexanone                  | 1 | U |
| 124-48-1-----  | Dibromochloromethane        | 1 | U |
| 106-93-4-----  | 1,2-Dibromoethane           | 1 | U |
| 108-90-7-----  | Chlorobenzene               | 1 | U |
| 630-20-6-----  | 1,1,1,2-Tetrachloroethane   | 1 | U |
| 100-41-4-----  | Ethylbenzene                | 1 | U |
| -----          | m,p-Xylene                  | 1 | U |
| 95-47-6-----   | o-Xylene                    | 1 | U |
| 1330-20-7----- | Xylene (Total)              | 1 | U |
| 100-42-5-----  | Styrene                     | 1 | U |
| 75-25-2-----   | Bromoform                   | 1 | U |
| 98-82-8-----   | Isopropylbenzene            | 1 | U |
| 79-34-5-----   | 1,1,2,2-Tetrachloroethane   | 1 | U |
| 108-86-1-----  | Bromobenzene                | 1 | U |
| 96-18-4-----   | 1,2,3-Trichloropropane      | 1 | U |
| 103-65-1-----  | n-Propylbenzene             | 1 | U |
| 95-49-8-----   | 2-Chlorotoluene             | 1 | U |
| 108-67-8-----  | 1,3,5-Trimethylbenzene      | 1 | U |
| 106-43-4-----  | 4-Chlorotoluene             | 1 | U |
| 98-06-6-----   | tert-Butylbenzene           | 1 | U |
| 95-63-6-----   | 1,2,4-Trimethylbenzene      | 1 | U |
| 135-98-8-----  | sec-Butylbenzene            | 1 | U |
| 99-87-6-----   | 4-Isopropyltoluene          | 1 | U |
| 541-73-1-----  | 1,3-Dichlorobenzene         | 1 | U |
| 106-46-7-----  | 1,4-Dichlorobenzene         | 1 | U |
| 104-51-8-----  | n-Butylbenzene              | 1 | U |
| 95-50-1-----   | 1,2-Dichlorobenzene         | 1 | U |
| 96-12-8-----   | 1,2-Dibromo-3-chloropropane | 1 | U |
| 120-82-1-----  | 1,2,4-Trichlorobenzene      | 1 | U |
| 87-68-3-----   | Hexachlorobutadiene         | 1 | U |
| 91-20-3-----   | Naphthalene                 | 1 | U |
| 87-61-6-----   | 1,2,3-Trichlorobenzene      | 1 | U |

FORM 3  
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1854

Matrix Spike - Sample No.: VIULCS

| COMPOUND                | SPIKE<br>ADDED<br>(mg/m3) | SAMPLE<br>CONCENTRATION<br>(ug/L) | LCS<br>CONCENTRATION<br>(mg/m3) | LCS<br>%<br>REC # | QC.<br>LIMITS<br>REC. |
|-------------------------|---------------------------|-----------------------------------|---------------------------------|-------------------|-----------------------|
| =====                   | =====                     | =====                             | =====                           | =====             | =====                 |
| Dichlorodifluoromethane | 10.0                      |                                   | 8.0                             | 80                | 48-135                |
| Chloromethane           | 10.0                      |                                   | 9.8                             | 98                | 60-118                |
| Vinyl Chloride          | 10.0                      |                                   | 9.5                             | 95                | 65-113                |
| Bromomethane            | 10.0                      |                                   | 10.7                            | 107               | 73-122                |
| Chloroethane            | 10.0                      |                                   | 10.3                            | 103               | 72-118                |
| Trichlorofluoromethane  | 10.0                      |                                   | 9.3                             | 93                | 68-129                |
| 1,1-Dichloroethene      | 10.0                      |                                   | 10.0                            | 100               | 67-121                |
| Acetone                 | 10.0                      |                                   | 11.9                            | 119               | 38-161                |
| Iodomethane             | 10.0                      |                                   | 10.2                            | 102               | 72-130                |
| Carbon Disulfide        | 10.0                      |                                   | 10.2                            | 102               | 53-137                |
| Methylene Chloride      | 10.0                      |                                   | 10.6                            | 106               | 59-132                |
| trans-1,2-Dichloroethen | 10.0                      |                                   | 10.7                            | 107               | 71-124                |
| Methyl tert-butyl ether | 10.0                      |                                   | 10.9                            | 109               | 75-123                |
| 1,1-Dichloroethane      | 10.0                      |                                   | 10.6                            | 106               | 83-116                |
| Vinyl acetate           | 10.0                      |                                   | 13.4                            | 134               | 44-160                |
| 2-Butanone              | 10.0                      |                                   | 13.3                            | 133               | 64-139                |
| cis-1,2-Dichloroethene  | 10.0                      |                                   | 10.8                            | 108               | 83-120                |
| 2,2-Dichloropropane     | 10.0                      |                                   | 18.5                            | 185*              | 70-129                |
| Bromochloromethane      | 10.0                      |                                   | 10.8                            | 108               | 85-124                |
| Chloroform              | 10.0                      |                                   | 10.7                            | 107               | 89-118                |
| 1,1,1-Trichloroethane   | 10.0                      |                                   | 10.8                            | 108               | 81-122                |
| 1,1-Dichloropropene     | 10.0                      |                                   | 10.9                            | 109               | 76-122                |
| Carbon Tetrachloride    | 10.0                      |                                   | 10.7                            | 107               | 79-125                |
| 1,2-Dichloroethane      | 10.0                      |                                   | 10.8                            | 108               | 83-123                |
| Benzene                 | 10.0                      |                                   | 10.8                            | 108               | 81-120                |
| Trichloroethene         | 10.0                      |                                   | 10.8                            | 108               | 77-121                |
| 1,2-Dichloropropane     | 10.0                      |                                   | 10.8                            | 108               | 81-116                |
| Dibromomethane          | 10.0                      |                                   | 10.6                            | 106               | 86-124                |

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

COMMENTS:

FORM 3  
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1854

Matrix Spike - Sample No.: VIULCS

| COMPOUND                | SPIKE<br>ADDED<br>(mg/m3) | SAMPLE<br>CONCENTRATION<br>(ug/L) | LCS<br>CONCENTRATION<br>(mg/m3) | LCS<br>%<br>REC # | QC.<br>LIMITS<br>REC. |
|-------------------------|---------------------------|-----------------------------------|---------------------------------|-------------------|-----------------------|
| =====                   | =====                     | =====                             | =====                           | =====             | =====                 |
| Bromodichloromethane    | 10.0                      |                                   | 10.7                            | 107               | 90-114                |
| cis-1,3-Dichloropropene | 10.0                      |                                   | 12.0                            | 120*              | 78-119                |
| 4-Methyl-2-pentanone    | 10.0                      |                                   | 12.1                            | 121               | 57-138                |
| Toluene                 | 10.0                      |                                   | 10.9                            | 109               | 81-121                |
| trans-1,3-Dichloroprope | 10.0                      |                                   | 11.7                            | 117               | 85-118                |
| 1,1,2-Trichloroethane   | 10.0                      |                                   | 10.8                            | 108               | 44-159                |
| 1,3-Dichloropropane     | 10.0                      |                                   | 10.8                            | 108               | 79-125                |
| Tetrachloroethene       | 10.0                      |                                   | 7.5                             | 75                | 73-121                |
| 2-Hexanone              | 10.0                      |                                   | 13.0                            | 130               | 53-145                |
| Dibromochloromethane    | 10.0                      |                                   | 10.6                            | 106               | 80-124                |
| 1,2-Dibromoethane       | 10.0                      |                                   | 11.0                            | 110               | 80-124                |
| Chlorobenzene           | 10.0                      |                                   | 10.6                            | 106               | 82-118                |
| 1,1,1,2-Tetrachloroetha | 10.0                      |                                   | 10.5                            | 105               | 84-121                |
| Ethylbenzene            | 10.0                      |                                   | 10.9                            | 109               | 80-122                |
| Xylene (Total)          | 30.0                      |                                   | 32.8                            | 109               | 81-121                |
| Styrene                 | 10.0                      |                                   | 11.1                            | 111               | 77-128                |
| Bromoform               | 10.0                      |                                   | 10.9                            | 109               | 77-130                |
| Isopropylbenzene        | 10.0                      |                                   | 11.2                            | 112               | 58-148                |
| 1,1,2,2-Tetrachloroetha | 10.0                      |                                   | 11.4                            | 114               | 76-125                |
| Bromobenzene            | 10.0                      |                                   | 10.7                            | 107               | 76-124                |
| 1,2,3-Trichloropropane  | 10.0                      |                                   | 11.0                            | 110               | 57-140                |
| n-Propylbenzene         | 10.0                      |                                   | 10.8                            | 108               | 72-119                |
| 2-Chlorotoluene         | 10.0                      |                                   | 10.7                            | 107               | 75-120                |
| 1,3,5-Trimethylbenzene  | 10.0                      |                                   | 11.0                            | 110               | 76-116                |
| 4-Chlorotoluene         | 10.0                      |                                   | 10.7                            | 107               | 78-116                |
| tert-Butylbenzene       | 10.0                      |                                   | 12.6                            | 126*              | 71-115                |
| 1,2,4-Trimethylbenzene  | 10.0                      |                                   | 11.0                            | 110               | 77-117                |
| sec-Butylbenzene        | 10.0                      |                                   | 11.2                            | 112               | 67-117                |

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

COMMENTS:

FORM 3  
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1854

Matrix Spike - Sample No.: VIULCS

| COMPOUND                | SPIKE<br>ADDED<br>(mg/m3) | SAMPLE<br>CONCENTRATION<br>(ug/L) | LCS<br>CONCENTRATION<br>(mg/m3) | LCS<br>%<br>REC # | QC.<br>LIMITS<br>REC. |
|-------------------------|---------------------------|-----------------------------------|---------------------------------|-------------------|-----------------------|
| =====                   | =====                     | =====                             | =====                           | =====             | =====                 |
| 4-Isopropyltoluene      | 10.0                      |                                   | 11.3                            | 113               | 68-118                |
| 1,3-Dichlorobenzene     | 10.0                      |                                   | 10.8                            | 108               | 80-116                |
| 1,4-Dichlorobenzene     | 10.0                      |                                   | 10.6                            | 106               | 80-114                |
| n-Butylbenzene          | 10.0                      |                                   | 11.7                            | 117               | 58-121                |
| 1,2-Dichlorobenzene     | 10.0                      |                                   | 10.6                            | 106               | 81-116                |
| 1,2-Dibromo-3-chloropro | 10.0                      |                                   | 11.4                            | 114               | 71-126                |
| 1,2,4-Trichlorobenzene  | 10.0                      |                                   | 11.3                            | 113               | 67-114                |
| Hexachlorobutadiene     | 10.0                      |                                   | 11.2                            | 112*              | 50-111                |
| Naphthalene             | 10.0                      |                                   | 11.3                            | 113               | 58-133                |
| 1,2,3-Trichlorobenzene  | 10.0                      |                                   | 10.9                            | 109               | 64-118                |

# Column to be used to flag recovery and RPD values with an asterisk

\* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 4 out of 66 outside limits

COMMENTS:

---



---

4A  
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBK1U

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: ME1854

Lab File ID: V1I1332

Lab Sample ID: MB-27466

Date Analyzed: 12/11/06

Time Analyzed: 1145

GC Column: DB-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: V1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

|    | EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | TIME<br>ANALYZED |
|----|-------------------|------------------|----------------|------------------|
|    | =====             | =====            | =====          | =====            |
| 01 | V1ULCS            | LCS-27466        | V1I1333        | 1259             |
| 02 | SVE-EFFLUENT      | E1854-01A        | V1I1334        | 1411             |
| 03 |                   |                  |                |                  |
| 04 |                   |                  |                |                  |
| 05 |                   |                  |                |                  |
| 06 |                   |                  |                |                  |
| 07 |                   |                  |                |                  |
| 08 |                   |                  |                |                  |
| 09 |                   |                  |                |                  |
| 10 |                   |                  |                |                  |
| 11 |                   |                  |                |                  |
| 12 |                   |                  |                |                  |
| 13 |                   |                  |                |                  |
| 14 |                   |                  |                |                  |
| 15 |                   |                  |                |                  |
| 16 |                   |                  |                |                  |
| 17 |                   |                  |                |                  |
| 18 |                   |                  |                |                  |
| 19 |                   |                  |                |                  |
| 20 |                   |                  |                |                  |
| 21 |                   |                  |                |                  |
| 22 |                   |                  |                |                  |
| 23 |                   |                  |                |                  |
| 24 |                   |                  |                |                  |
| 25 |                   |                  |                |                  |
| 26 |                   |                  |                |                  |
| 27 |                   |                  |                |                  |
| 28 |                   |                  |                |                  |
| 29 |                   |                  |                |                  |
| 30 |                   |                  |                |                  |

COMMENTS:

# Mitkem Corporation

01/Dec/06 14:17

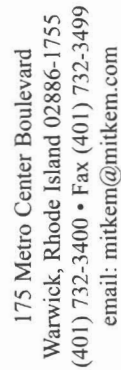
WorkOrder: E1854

Client ID: OBG  
 Project: National Heatset  
 Location:  
 Comments: Level 2 for air samples

Case:  
 SDG:  
 PO: HEATSET

Report Level: ASP-B  
 EDD: CLF  
 HC Due: 12/22/06  
 Fax Due: 12/15/06

| Sample ID | Client Sample ID | Collection Date  | Date Recv'd | Matrix | Test Code | Lab Test Comments | Hold                     | MS                       | SEL                      | Storage |
|-----------|------------------|------------------|-------------|--------|-----------|-------------------|--------------------------|--------------------------|--------------------------|---------|
| E1854-01A | SVE-EFFLUENT     | 11/29/2006 10:00 | 12/01/2006  | Air    | TO14      |                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | VOA     |



## CHAIN-OF-CUSTODY RECORD

[illegible]

WHITE: LABORATORY COPY  
YELLOW: REPORT COPY  
PINK: CLIENT'S COPY

## MITKEM CORPORATION

## Sample Condition Form

Page \_\_\_\_ of \_\_\_\_

|                                                    |  |                        |  |                      |                                |                                  |                                            |          |
|----------------------------------------------------|--|------------------------|--|----------------------|--------------------------------|----------------------------------|--------------------------------------------|----------|
| Received By: <u>RL</u>                             |  | Reviewed By: <u>KP</u> |  | Date: <u>12/1/06</u> |                                | MITKEM Workorder #: <u>E1857</u> |                                            |          |
| Client Project: <u>NATIONAL HEATSET</u>            |  |                        |  | Client: <u>OBG</u>   |                                |                                  | Soil Headspace<br>or Air Bubbles<br>≥ 1/4" |          |
|                                                    |  | Lab Sample ID          |  | Preservation (pH)    |                                | VOA Matrix                       |                                            |          |
|                                                    |  |                        |  | HNO <sub>3</sub>     | H <sub>2</sub> SO <sub>4</sub> | HCl                              | NaOH                                       |          |
| 1) Cooler Sealed <u>Yes</u> / No                   |  | <u>E1857 01</u>        |  |                      |                                |                                  |                                            | <u>A</u> |
| 2) Custody Seal(s) <u>Present</u> / Absent         |  |                        |  |                      |                                |                                  |                                            |          |
| <u>Coolers</u> / Bottles                           |  |                        |  |                      |                                |                                  |                                            |          |
| <u>Intact</u> / Broken                             |  |                        |  |                      |                                |                                  |                                            |          |
| 3) Custody Seal Number(s) <u>NA</u>                |  |                        |  |                      |                                |                                  |                                            |          |
|                                                    |  |                        |  |                      |                                |                                  |                                            |          |
|                                                    |  |                        |  |                      |                                |                                  |                                            |          |
| 4) Chain-of-Custody <u>Present</u> / Absent        |  |                        |  |                      |                                |                                  |                                            |          |
|                                                    |  |                        |  |                      |                                |                                  |                                            |          |
| 5) Cooler Temperature <u>AMB</u>                   |  |                        |  |                      |                                |                                  |                                            |          |
| Coolant Condition                                  |  |                        |  |                      |                                |                                  |                                            |          |
|                                                    |  |                        |  |                      |                                |                                  |                                            |          |
| 6) Airbill(s) <u>Present</u> / Absent              |  |                        |  |                      |                                |                                  |                                            |          |
| Airbill Number(s) <u>FED EX</u>                    |  |                        |  |                      |                                |                                  |                                            |          |
| <u>8583 5717 8100</u>                              |  |                        |  |                      |                                |                                  |                                            |          |
|                                                    |  |                        |  |                      |                                |                                  |                                            |          |
|                                                    |  |                        |  |                      |                                |                                  |                                            |          |
| 7) Sample Bottles <u>Intact</u> / Broken / Leaking |  |                        |  |                      |                                |                                  |                                            |          |
|                                                    |  |                        |  |                      |                                |                                  |                                            |          |
| 8) Date Received <u>12/1/06</u>                    |  |                        |  |                      |                                |                                  |                                            |          |
|                                                    |  |                        |  |                      |                                |                                  |                                            |          |
| 9) Time Received <u>09:45</u>                      |  |                        |  |                      |                                |                                  |                                            |          |
|                                                    |  |                        |  |                      |                                |                                  |                                            |          |
| Preservative Name/Lot No:                          |  |                        |  |                      |                                |                                  |                                            |          |
|                                                    |  |                        |  |                      |                                |                                  |                                            |          |
|                                                    |  |                        |  |                      |                                |                                  |                                            |          |
|                                                    |  |                        |  |                      |                                |                                  |                                            |          |

VOA Matrix Key:

US = Unpreserved Soil    A = Air

UA = Unpreserved Aqu.    H = HCl

M = MeOH    E = Encore

N = NaHSO<sub>4</sub>    F = Freeze

See Sample Condition Notification/Corrective Action Form    yes / no

Rad OK    yes/ no

**Last Page of Data Report**