

# AMERADA HESS CORPORATION

732-750-6000  
732-750-6105 (FAX)

1 HESS PLAZA  
WOODBIDGE, NJ 07095-0961

September 30, 2005

Mr. Peter Miller  
Bureau of Spill Prevention and Response  
New York State Department of Environmental Conservation  
6274 East Avon-Lima Road  
Avon, New York 14414

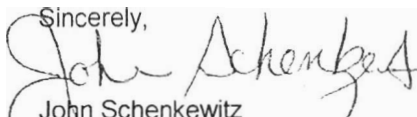
**Via: CERTIFIED MAIL # 7002 2410 0003 9868 6323**  
**RETURN RECEIPT REQUESTED**

**Re: 2005 Third Quarter Hydrogeologic Status Report**  
**Closed Hess Station # 32458**  
**1314 Fairport Road**  
**Fairport, New York**  
**NYSDEC Spill #97-01135**

Dear Mr. Miller:

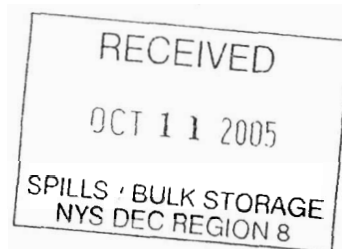
Amerada Hess Corporation (Hess) is pleased to submit this Hydrogeologic Status Report for the above-referenced site. The report has been prepared by Shaw Environmental, Inc. and Geologic Services Corporation, and contains data obtained during the third quarter of 2005. The next sampling event is scheduled for October 2005.

Attached, please find a diskette, which contains the electronic version of this report for the NYSDEC eDOCs initiative. If you have any questions, please contact Meagan Gabe of Quantum Management Group, Inc. at (732) 750-6482 or the undersigned at (732) 750-6616.

Sincerely,  
  
John Schenkewitz  
Remediation Coordinator

Enclosure

cc: Shaw Environmental, Inc., Rensselaer (w/o Enclosure)  
Brian Kelly – GSC (w/ Enclosure)  
Meagan Gabe – Quantum (w/o Enclosure)



**AMERADA HESS CORPORATION  
SITE STATUS REPORT**

**Site Address:** Closed Hess Station #32458  
1314 Fairport Road  
Fairport, New York

**Hess Contact:** John Schenkewitz

**Regulatory Agency:** NYSDEC Region 8

**Regulatory Contact:** Peter Miller

**Case No:** 97-01135

**Consultant:** GSC/Kleinfelder/Shaw Environmental

**Project Manager / Environmental Scientist:**

Brian M. Kelly/Eric Chastain, Pat Storz

**Report Date:** September 2005.

**Current Site Status:** Closed Hess Station.

**Monitoring Period:** May through July 2005.

**Work Performed:** Gauged 11 and sampled 13 monitoring wells on July 14, 2005.  
Operation and maintenance (O&M) events were conducted on May 5, 12, and 27, 2005; June 7 and 23, 2005; and July 12 and 26, 2005.

**Groundwater Monitoring:**

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Number of Wells:                   | 15                                  |
| Containing LPH:                    | 0                                   |
| Gauging Frequency:                 | Quarterly                           |
| Sampling Frequency:                | Quarterly                           |
| Groundwater Depth:                 | 7.34 feet to 10.70 feet below grade |
| Groundwater Flow:                  | Generally northwest                 |
| Groundwater Gradient:              | 0.0322 feet per foot                |
| Maximum BTEX Concentration:        | 7,645.2 µg/L (MW-11)                |
| Maximum MTBE Concentration:        | 195 µg/L (MW-3R)                    |
| Maximum Naphthalene Concentration: | 452 µg/L (MW-1)                     |

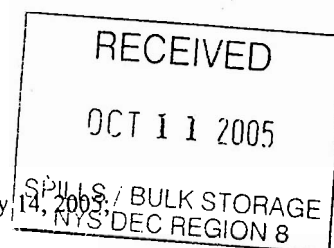
**Potential Sensitive Receptors:** The Monroe County Water Authority and the Monroe County Department of Health indicate that there are no potable water supply wells in the vicinity of the site. The Erie Canal is located approximately 1,500 feet east of the site.

**Remedial Activities:** A Groundwater Extraction and Treatment System (PTS) has been operating in conjunction with a Soil Vapor Extraction (SVE) System since May 3, 2004. Since system start-up, the PTS has treated approximately 276,000 gallons of groundwater. Moreover, since start-up, the SVE system has removed approximately 733 pounds of total petroleum hydrocarbons (TPH).

As shown in Table 1, BTEX and MTBE concentrations are generally decreasing across the site since the remediation system activation and no LPH has been detected.

**Current Plans/Proposals** Continual optimization of the remediation system is planned during bi-monthly operation and maintenance events. The next groundwater sampling event is scheduled for October 2005.

Dissolved concentrations of BTEX and MTBE at monitoring wells MW-4 and MW-5 have been below New York State Department of Environmental



Conservation (NYSDEC) Ambient Water Quality Standards and Guidance Values for numerous consecutive quarterly groundwater sampling events. As such, on August 24, 2005, the NYSDEC approved removal of these wells from the monitoring well network.

|                             |                    |                                                                               |
|-----------------------------|--------------------|-------------------------------------------------------------------------------|
| <b>List of Attachments:</b> | <b>Tables:</b>     | Table 1 – Historical Summary of Groundwater Data                              |
|                             |                    | Table 2 – Groundwater Extraction and Treatment System Analytical Data         |
|                             |                    | Table 3 – Historical Soil Vapor Extraction System Analytical Data Summary     |
|                             |                    | Table 4 – Monitoring Well Sampling Schedule                                   |
|                             | <b>Figures:</b>    | Figure 1 – Locus Plan                                                         |
|                             |                    | Figure 2 – Hydrocarbon Distribution/Groundwater Contour Map                   |
|                             |                    | Figure 3 – Groundwater Extraction and Treatment System Flow Rate              |
|                             |                    | Figure 4 – Groundwater Extraction and Treatment System Influent Concentration |
|                             |                    | Figure 5 – Groundwater Extraction and Treatment System Mass Removal           |
|                             |                    | Figure 6 – Soil Vapor Extraction System Flow Rate                             |
|                             |                    | Figure 7 – Soil Vapor Extraction System Influent Vapor Concentration          |
|                             |                    | Figure 8 – Soil Vapor Extraction System Mass Removal                          |
|                             | <b>Appendices:</b> | Appendix A – Laboratory Sample Analytical Report and Chain of Custody         |

## TABLES

**Table 1**  
**Historical Summary of Groundwater Data**  
**Closed Hess Station #32458**  
**Fairport, New York**

| Well ID                | Sample Date | Top of Casing <sup>a</sup><br>(feet) | Depth to<br>Water <sup>b</sup> (ftg) | Depth to Product/<br>Thickness (feet) | Water Table<br>Elevation (feet) | Benzene | Toluene | Ethylbenzene | Total<br>Xylenes <sup>c</sup> | Total<br>BTEX <sup>d</sup> | MTBE <sup>e</sup> | Napthalene |
|------------------------|-------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------|---------|---------|--------------|-------------------------------|----------------------------|-------------------|------------|
| MW-1                   | 11/18/98    | NG                                   | NG                                   | NP                                    | NA                              | --      | --      | --           | --                            | 32,722                     | <100              | 5.1        |
|                        | 11/17/99    | 93.96                                | 11.50                                | NP                                    | 82.46                           | --      | --      | --           | --                            | 30,620                     | <200              | ND         |
|                        | 02/22/00    | 93.96                                | 10.35                                | NP                                    | 83.61                           | --      | --      | --           | --                            | 25,486.8                   | ND                | 467        |
|                        | 05/23/00    | 93.96                                | 7.26                                 | NP                                    | 86.70                           | --      | --      | --           | --                            | 22,340                     | 150               | 660        |
|                        | 08/29/00    | 93.96                                | 10.31                                | NP                                    | 83.65                           | --      | --      | --           | --                            | 20,780                     | ND                | 710        |
|                        | 11/20/00    | 93.96                                | 10.68                                | NP                                    | 83.28                           | --      | --      | --           | --                            | 21,770                     | 130               | 610        |
|                        | 02/19/01    | 93.96                                | 8.10                                 | NP                                    | 85.86                           | --      | --      | --           | --                            | 24,760                     | 180               | 670        |
|                        | 05/21/01    | 93.96                                | 8.70                                 | NP                                    | 85.26                           | --      | --      | --           | --                            | 19,350                     | 90                | 610        |
|                        | 08/15/01    | 93.96                                | 12.57                                | NP                                    | 81.39                           | --      | --      | --           | --                            | 20,910                     | 500               | 400        |
|                        | 11/14/01    | 93.96                                | 11.91                                | NP                                    | 82.05                           | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|                        | 02/07/02    | 93.96                                | 8.88                                 | NP                                    | 85.08                           | 4,300   | 540     | 5,600        | 19,600                        | 30,040                     | <50               | 1,200      |
|                        | 06/11/02    | 93.96                                | 7.62                                 | NP                                    | 86.34                           | 3,700   | 310     | 3,700        | 11,700                        | 19,410                     | 170               | 860        |
|                        | 09/09/02    | 93.96                                | 12.16                                | NP                                    | 81.80                           | 5,700   | 360     | 4,000        | 11,200                        | 21,260                     | 200               | 730        |
|                        | 12/11/02    | 93.96                                | 10.50                                | NP                                    | 83.46                           | 4,600   | 350     | 5,100        | 15,600                        | 25,650                     | <200              | 2,500      |
|                        | 03/18/03    | 93.96                                | 7.52                                 | NP                                    | 86.44                           | 1,500   | 300     | 3,900        | 11,400                        | 17,100                     | 160               | 900        |
|                        | 06/18/03    | 93.96                                | 7.87                                 | NP                                    | 86.09                           | 4,200   | 140     | 2,600        | 6,700                         | 13,640                     | <100              | 460        |
|                        | 09/22/03*   | 98.39                                | 11.19                                | NP                                    | 87.20                           | 5,500   | 140     | 3,700        | 7,100                         | 15,440                     | 120               | 590        |
|                        | 12/01/03    | 98.39                                | 7.65                                 | NP                                    | 90.74                           | 3,000   | 190     | 2,000        | 7,800                         | 12,990                     | <100              | 720        |
|                        | 03/30/04    | 98.39                                | 6.07                                 | NP                                    | 92.32                           | 4,100   | 170     | 3,300        | 8,900                         | 16,470                     | 110               | 660        |
|                        | 07/13/04*   | 98.33                                | 7.87                                 | NP                                    | 90.46                           | 4,800   | 120     | 2,000        | 5,340                         | 12,260                     | 160               | 310        |
|                        | 10/07/04    | 98.33                                | 9.05                                 | NP                                    | 89.28                           | 3,500   | 75      | 1,700        | 4,120                         | 9,395                      | 110               | 320        |
|                        | 01/12/05    | 98.33                                | 6.25                                 | NP                                    | 92.08                           | 120     | 2.6     | ND           | 161                           | 283.6                      | 25                | 97         |
|                        | 04/19/05    | 98.33                                | 6.48                                 | NP                                    | 91.85                           | 1,140   | 51.4    | 78.6         | 1,611                         | 2,881                      | 162               | 153        |
|                        | 07/14/05    | 98.33                                | 10.17                                | NP                                    | 88.16                           | 1,600   | 74.2    | 1,500        | 4,471                         | 7,645.2                    | 71.2              | 452        |
| MW-2                   | 11/18/98    | NA                                   | NG                                   | NA                                    | NA                              | --      | --      | --           | --                            | 1,188.2                    | ND                | 88.6       |
|                        | 11/17/99    | NA                                   | 10.60                                | NP                                    | NA                              | --      | --      | --           | --                            | 1,738                      | ND                | 23.3       |
|                        | 02/22/00    | NA                                   | 9.33                                 | NP                                    | NA                              | --      | --      | --           | --                            | 1,176.9                    | ND                | 58.4       |
|                        | 05/23/00    | NA                                   | 7.69                                 | NP                                    | NA                              | --      | --      | --           | --                            | 4,870                      | 410               | 330        |
|                        | 08/29/00    | NA                                   | 8.35                                 | NP                                    | NA                              | --      | --      | --           | --                            | 521                        | 10                | 39         |
|                        | 11/20/00    | NA                                   | 9.55                                 | NP                                    | NA                              | --      | --      | --           | --                            | 558                        | ND                | ND         |
| Well destroyed 11/2000 |             |                                      |                                      |                                       |                                 |         |         |              |                               |                            |                   |            |
| MW-2R                  | 05/21/01    | 94.10                                | 8.65                                 | NP                                    | 85.45                           | --      | --      | --           | --                            | 64,500                     | 4,100             | 810        |
|                        | 08/15/01    | 94.10                                | 11.91                                | NP                                    | 82.19                           | --      | --      | --           | --                            | 320,500                    | 5,200             | 4,500      |
|                        | 11/14/01    | 94.10                                | 12.57                                | 11.55/1.02                            | 81.53*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|                        | 02/07/02    | 94.10                                | 8.76                                 | 8.39/0.37                             | 85.34*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|                        | 06/11/02    | 94.10                                | 7.45                                 | 7.45/0.01                             | 86.65*                          | 20,000  | 46,000  | 13,000       | 70,000                        | 149,000                    | 2,200             | 6,300      |
|                        | 09/09/02    | 94.10                                | 12.95                                | 11.92/1.03                            | 81.15*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|                        | 12/11/02    | 94.10                                | 10.39                                | 10.10/0.29                            | 83.91*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|                        | 03/18/03    | 94.10                                | 8.08                                 | 7.14/0.94                             | 86.68*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|                        | 06/18/03    | 94.10                                | 10.01                                | 7.22/2.79                             | 86.04*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|                        | 09/22/03*   | 98.50                                | 13.78                                | 11.82/1.96                            | 86.09*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|                        | 12/01/03    | 98.50                                | 8.47                                 | 7.35/1.12                             | 90.81*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|                        | 03/30/04    | 98.50                                | 7.18                                 | 6.17/1.01                             | 92.03*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|                        | 07/13/04*   | 98.66                                | 9.31                                 | NP                                    | 89.35                           | 7,400   | 18,000  | 8,700        | 79,000                        | 113,100                    | 700               | 7,200      |
|                        | 10/07/04    | 98.66                                | 9.08                                 | NP                                    | 89.58                           | 7,000   | 4,300   | 2,400        | 23,100                        | 36,800                     | <500              | 1,600      |
|                        | 01/12/05    | 98.66                                | 7.11                                 | NP                                    | 91.55                           | 130     | <50     | <50          | 3,500                         | 3,630                      | <50               | 220        |
|                        | 04/19/05    | 98.66                                | 6.19                                 | NP                                    | 92.47                           | 19      | 82.3    | <10          | 1,891                         | 1,992                      | 32.7              | 127        |
|                        | 07/14/05    | 98.66                                | 7.79                                 | NP                                    | 90.87                           | DRY     | DRY     | DRY          | DRY                           | DRY                        | DRY               | DRY        |

Table 1  
 Historical Summary of Groundwater Data  
 Closed Hess Station #32458  
 Fairport, New York

| Well ID | Sample Date | Top of Casing*<br>(feet) | Depth to<br>Water <sup>a</sup> (ftg) | Depth to Product/<br>Thickness (feet) | Water Table<br>Elevation (feet) | Benzene | Toluene | Ethylbenzene | Total<br>Xylenes <sup>c</sup> | Total<br>BTEx <sup>c</sup> | MTBE <sup>c</sup> | Naphthalene |
|---------|-------------|--------------------------|--------------------------------------|---------------------------------------|---------------------------------|---------|---------|--------------|-------------------------------|----------------------------|-------------------|-------------|
| MW-3R   | 05/23/00    | 93.84                    | 6.66                                 | NP                                    | 87.18                           | --      | --      | --           | --                            | 87.700                     | 4700              | 570         |
|         | 08/28/00    | 93.84                    | 9.93                                 | NP                                    | 83.91                           | --      | --      | --           | --                            | 62.300                     | 3,300             | 1,800       |
|         | 11/20/00    | 93.84                    | 10.01                                | NP                                    | 83.83                           | --      | --      | --           | --                            | 28.400                     | 2000              | 540         |
|         | 02/19/01    | 93.84                    | 7.34                                 | NP                                    | 86.50                           | --      | --      | --           | --                            | 65.600                     | 4100              | 660         |
|         | 05/21/01    | 93.84                    | 8.25                                 | NP                                    | 85.59                           | --      | --      | --           | --                            | 59.100                     | 3,600             | 760         |
|         | 08/15/01    | 93.84                    | 11.95                                | NP                                    | 81.89                           | --      | --      | --           | --                            | 54.400                     | 4000              | 910         |
|         | 11/14/01    | 93.84                    | 11.36                                | NP                                    | 82.48                           | --      | --      | --           | --                            | 75.000                     | 4,600             | 5,700       |
|         | 02/07/02    | 93.84                    | 7.63                                 | NP                                    | 86.21                           | 5.900   | 38.000  | 2.900        | 19.200                        | 66.000                     | 4,500             | 920         |
|         | 06/11/02    | 93.84                    | 6.85                                 | NP                                    | 86.99                           | 2.300   | 29.000  | 2.900        | 16.400                        | 50.600                     | 1,400             | 1,400       |
|         | 09/09/02    | 93.84                    | 11.84                                | NP                                    | 81.90                           | 2.900   | 36.000  | 3.200        | 17.500                        | 59.600                     | 3,200             | 570         |
|         | 12/11/02    | 93.84                    | 9.49                                 | NP                                    | 84.35                           | 3.500   | 26.000  | 4.800        | 24.100                        | 56.400                     | 1,200             | 3,400       |
|         | 03/18/03    | 93.84                    | 5.82                                 | NP                                    | 88.02                           | 3.600   | 50.000  | 8.700        | 52.000                        | 114.300                    | 1,100             | 3,200       |
|         | 06/18/03    | 93.84                    | 7.47                                 | 7.37/0.10                             | 86.44*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS          |
|         | 09/22/03*   | 98.57                    | 11.05                                | NP                                    | 87.52                           | 3.300   | 15.000  | 3.000        | 16.500                        | 37.800                     | 1,600             | 650         |
|         | 12/01/03    | 98.57                    | 5.08                                 | NP                                    | 93.49                           | 1.500   | 8.600   | 2.100        | 10.300                        | 22.500                     | 420               | 550         |
|         | 03/30/04    | 98.57                    | 3.72                                 | NP                                    | 94.85                           | 560     | 8.400   | 1.500        | 12.800                        | 23.260                     | <100              | 1,000       |
|         | 07/13/04*   | 97.43                    | 8.12                                 | NP                                    | 89.31                           | 3.100   | 230     | 820          | 3.940                         | 6.090                      | 170               | 300         |
|         | 10/07/04    | 97.43                    | 6.27                                 | NP                                    | 91.16                           | 790     | 520     | 290          | 3.240                         | 4.840                      | 71                | 240         |
|         | 01/12/05    | 97.43                    | 5.11                                 | NP                                    | 92.32                           | 250     | <50     | <50          | 990                           | 1.240                      | <50               | 130         |
|         | 04/19/05    | 97.43                    | 4.71                                 | NP                                    | 92.72                           | 51.3    | 9.2     | ND           | 71.1                          | 131.6                      | 51.6              | 13.3        |
|         | 07/14/05    | 97.43                    | 9.05                                 | NP                                    | 88.38                           | 109     | 475     | 761          | 1.740                         | 3.085                      | 195               | 150         |
| MW-4    | 11/18/98    | 92.86                    | NG                                   | NP                                    | NA                              | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 11/17/99    | 92.86                    | 9.76                                 | NP                                    | 83.10                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 02/22/00    | 92.86                    | 7.00                                 | NP                                    | 85.86                           | --      | --      | --           | --                            | 0.99                       | ND                | ND          |
|         | 05/23/00    | 92.86                    | 5.63                                 | NP                                    | 87.23                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 08/29/00    | 92.86                    | 8.68                                 | NP                                    | 84.20                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 11/20/00    | 92.86                    | 9.10                                 | NP                                    | 83.76                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 02/19/01    | 92.86                    | 6.25                                 | NP                                    | 86.61                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 05/21/01    | 92.86                    | 7.20                                 | NP                                    | 85.66                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 08/15/01    | 92.86                    | 10.72                                | NP                                    | 82.14                           | --      | --      | --           | --                            | 7.5                        | ND                | 2.20        |
|         | 11/14/01    | 92.86                    | 10.38                                | NP                                    | 82.48                           | --      | --      | --           | --                            | 5.0                        | ND                | 20          |
|         | 02/07/02    | 92.86                    | 6.60                                 | NP                                    | 86.26                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 06/11/02    | 92.86                    | 6.01                                 | NP                                    | 86.85                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 09/09/02    | 92.86                    | 10.81                                | NP                                    | 82.05                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 12/11/02    | 92.86                    | 8.89                                 | NP                                    | 83.97                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 03/18/03    | 92.86                    | 4.85                                 | NP                                    | 88.01                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 06/18/03    | 92.86                    | 6.35                                 | NP                                    | 86.51                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 09/22/03*   | 97.54                    | 9.69                                 | NP                                    | 87.95                           | ND      | ND      | ND           | 1.2                           | 1.2                        | ND                | ND          |
|         | 12/01/03    | 97.54                    | 5.64                                 | NP                                    | 92.00                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 03/30/04    | 97.54                    | 4.50                                 | NP                                    | 93.14                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 07/13/04*   | 97.63                    | 7.90                                 | NP                                    | 89.73                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 10/07/04    | 97.63                    | 7.52                                 | NP                                    | 90.11                           | ND      | 2.6     | ND           | 7.8                           | 10.4                       | ND                | 11          |
|         | 01/12/05    | 97.63                    | 5.01                                 | NP                                    | 92.62                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 04/19/05    | 97.63                    | 5.48                                 | NP                                    | 92.15                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |
|         | 07/14/05    | 97.63                    | 9.16                                 | NP                                    | 88.47                           | ND      | ND      | ND           | ND                            | ND                         | ND                | ND          |

Table 1  
Historical Summary of Groundwater Data  
Closed Hess Station #32458  
Fairport, New York

| Well ID | Sample Date           | Top of Casing <sup>a</sup><br>(feet) | Depth to<br>Water <sup>b</sup><br>(ftg) | Depth to<br>Thickness (feet) | Depth to Product/<br>Elevation (feet) | Water Table<br>Elevation (feet) | Benzene | Toluene | Ethylbenzene | Xylenes <sup>c</sup> | Total<br>BTEX <sup>d</sup> | MTBE <sup>e</sup> | Naphthalene |
|---------|-----------------------|--------------------------------------|-----------------------------------------|------------------------------|---------------------------------------|---------------------------------|---------|---------|--------------|----------------------|----------------------------|-------------------|-------------|
| MW-5    | 11/18/98              | 91.45                                | NA                                      | NA                           | NA                                    | NA                              | —       | —       | —            | —                    | 1.5                        | ND                | ND          |
|         | 11/17/99              | 91.45                                | 8.45                                    | NP                           | 83.00                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 02/22/00              | 91.45                                | 6.87                                    | NP                           | 84.58                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 05/23/00              | 91.45                                | 3.68                                    | NP                           | 87.77                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 08/29/00              | 91.45                                | 7.52                                    | NP                           | 83.93                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 11/20/00              | 91.45                                | 7.49                                    | NP                           | 83.96                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 02/19/01              | 91.45                                | 4.36                                    | NP                           | 87.09                                 | —                               | —       | —       | —            | —                    | 1.6                        | ND                | ND          |
|         | 05/21/01              | 91.45                                | 6.00                                    | NP                           | 85.45                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 08/15/01              | 91.45                                | 10.15                                   | NP                           | 81.30                                 | —                               | —       | —       | —            | —                    | 28.8                       | ND                | 1.2         |
|         | 11/14/01              | 91.45                                | 8.99                                    | NP                           | 82.46                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 09/09/02              | 91.45                                | 10.18                                   | NP                           | 81.27                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 12/11/02              | 91.45                                | 7.39                                    | NP                           | 84.06                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 03/18/03              | 91.45                                | 3.82                                    | NP                           | 87.53                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 06/18/03              | 91.45                                | 4.82                                    | NP                           | 86.63                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 09/22/03 <sup>a</sup> | 98.55                                | 8.70                                    | NP                           | 89.85                                 | ND                              | ND      | ND      | ND           | 1.2                  | ND                         | ND                | 1.1         |
|         | 12/01/03              | 98.55                                | 2.82                                    | NP                           | 95.73                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 03/30/04              | 98.55                                | 2.51                                    | NP                           | 96.04                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 07/13/04 <sup>a</sup> | 98.54                                | 5.89                                    | NP                           | 92.65                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 10/07/04              | 98.54                                | 6.33                                    | NP                           | 92.21                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
|         | 01/12/05              | 98.54                                | 3.61                                    | NP                           | 94.93                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | ND          |
| MW-6    | 04/19/05              | 98.54                                | 3.80                                    | NP                           | 94.74                                 | ND                              | ND      | ND      | ND           | ND                   | ND                         | ND                | 33.1        |
|         | 07/14/05              | 98.54                                | 7.98                                    | NP                           | 90.56                                 | 1.34                            | 1.50    | ND      | ND           | 1.14                 | 3.98                       | 1.24              | ND          |
|         | 07/14/05              | 98.21                                | 10.70                                   | NP                           | 87.51                                 | ND                              | ND      | ND      | ND           | 1.16                 | 1.16                       | ND                | ND          |
|         | 04/18/05              | 98.21                                | 6.16                                    | NP                           | 92.05                                 | ND                              | 34.3    | 149     | 805          | 888.3                | 17.3                       | 203               | 87          |
|         | 01/12/05              | 98.21                                | 6.49                                    | NP                           | 91.72                                 | 20                              | 4.2     | 379     | 333          | 477.2                | 3.3                        | 81                | 81          |
|         | 10/07/04              | 98.21                                | 8.86                                    | NP                           | 89.35                                 | 2.3                             | 6.4     | 20      | 249          | 277.7                | 1.4                        | 31                | 31          |
|         | 07/13/04 <sup>a</sup> | 98.21                                | 9.00                                    | NP                           | 89.21                                 | 2.5                             | 4.8     | 62      | 211          | 280.4                | ND                         | 2.7               | 330         |
|         | 03/30/04              | 98.22                                | 4.78                                    | NP                           | 93.44                                 | ND                              | 9.6     | ND      | 12.7         | 22.3                 | ND                         | 660               | 500         |
|         | 12/01/03              | 98.22                                | 7.08                                    | NP                           | 91.14                                 | <35                             | <50     | 330     | 1,720        | 2,050                | <50                        | 900               | 570         |
|         | 09/22/03 <sup>a</sup> | 98.22                                | 11.15                                   | NP                           | 87.07                                 | <35                             | <50     | 650     | 4,500        | 5,150                | <50                        | 780               | 780         |
|         | 06/18/03              | 93.51                                | 7.36                                    | NP                           | 86.15                                 | <35                             | <50     | 260     | 1,000        | 1,260                | <50                        | 2,000             | 2,000       |
|         | 03/18/03              | 93.51                                | 6.75                                    | NP                           | 86.76                                 | 81                              | 40      | 1,400   | 4,900        | 6,421                | 56                         | 870               | 870         |
|         | 12/11/02              | 93.51                                | 10.48                                   | NP                           | 83.03                                 | <70                             | <100    | 850     | 6,800        | 7,650                | <100                       | 780               | 780         |
|         | 09/09/02              | 93.51                                | 12.20                                   | NP                           | 81.31                                 | <35                             | <50     | 920     | 7,400        | 8,320                | 55                         | 870               | 870         |
|         | 06/11/02              | 93.51                                | 6.96                                    | NP                           | 86.55                                 | <50                             | 190     | 740     | 3,300        | 4,230                | 56                         | 2,000             | 2,000       |
|         | 02/07/02              | 93.51                                | 8.27                                    | NP                           | 85.24                                 | 89                              | 120     | 3,900   | 17,300       | 21,409               | <50                        | 1,600             | 1,600       |
|         | 11/14/01              | 93.51                                | 12.02                                   | NP                           | 81.49                                 | —                               | —       | —       | —            | 15,691               | 44                         | 800               | 800         |
|         | 08/15/01              | 93.51                                | 12.12                                   | NP                           | 81.39                                 | —                               | —       | —       | —            | 10,270               | 110                        | 370               | 370         |
|         | 05/21/01              | 93.51                                | 8.50                                    | NP                           | 85.01                                 | —                               | —       | —       | —            | 4,326                | 44                         | 870               | 870         |
|         | 02/18/01              | 93.51                                | 7.56                                    | NP                           | 85.95                                 | —                               | —       | —       | —            | 11,983               | 150                        | 1,100             | 1,100       |
|         | 11/20/00              | 93.51                                | 10.58                                   | NP                           | 82.93                                 | —                               | —       | —       | —            | 12,880               | 130                        | 1,000             | 1,000       |
|         | 08/29/00              | 93.51                                | 10.17                                   | NP                           | 83.34                                 | —                               | —       | —       | —            | 16,110               | 210                        | 920               | 920         |
|         | 05/23/00              | 93.51                                | 6.64                                    | NP                           | 86.87                                 | —                               | —       | —       | —            | 14,040               | 230                        | 920               | 920         |

**Table 1**  
**Historical Summary of Groundwater Data**  
**Closed Hess Station #32458**  
**Fairport, New York**

| Well ID | Sample Date | Top of Casing <sup>1</sup><br>(feet) | Depth to<br>Water <sup>3</sup> (ftg) | Depth to Product/<br>Thickness (feet) | Water Table<br>Elevation (feet) | Benzene | Toluene | Ethylbenzene | Total<br>Xylenes <sup>2</sup> | Total<br>BTEX <sup>2</sup> | MTBE <sup>2</sup> | Napthalene |
|---------|-------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------|---------|---------|--------------|-------------------------------|----------------------------|-------------------|------------|
| MW-7    | 05/23/00    | 93.95                                | 5.93                                 | NP                                    | 88.02                           | --      | --      | --           | --                            | 536                        | 20                | 69         |
|         | 08/29/00    | 93.95                                | 10.50                                | NP                                    | 83.45                           | --      | --      | --           | --                            | 1,581                      | 67                | 210        |
|         | 11/20/00    | 93.95                                | 10.80                                | NP                                    | 83.15                           | --      | --      | --           | --                            | 2,424                      | 85                | 170        |
|         | 02/19/01    | 93.95                                | 7.85                                 | NP                                    | 86.10                           | --      | --      | --           | --                            | 260.3                      | 61                | 29         |
|         | 05/21/01    | 93.95                                | 8.70                                 | NP                                    | 85.25                           | --      | --      | --           | --                            | 3,120                      | 860               | ND         |
|         | 08/15/01    | 93.95                                | 12.55                                | NP                                    | 81.40                           | --      | --      | --           | --                            | 1,999                      | 300               | 14         |
|         | 11/14/01    | 93.95                                | 12.32                                | NP                                    | 81.63                           | --      | --      | --           | --                            | NS                         | NS                | NS         |
|         | 02/07/02    | 93.95                                | 8.61                                 | NP                                    | 85.34                           | 5,300   | 760     | 5,100        | 16,300                        | 27,460                     | 1,300             | 1500       |
|         | 06/11/02    | 93.95                                | 7.39                                 | NP                                    | 86.56                           | 79      | <50     | 940          | 2,770                         | 3,789                      | 120               | 670        |
|         | 09/09/02    | 93.95                                | 12.71                                | NP                                    | 81.24                           | 1,000   | 150     | 2,400        | 5,870                         | 9,420                      | 360               | 640        |
|         | 12/11/02    | 93.95                                | 10.91                                | NP                                    | 83.04                           | <140    | 1,100   | 25,000       | 75,300                        | 101,400                    | 3,000             | 20,000     |
|         | 03/18/03    | 93.95                                | 7.28                                 | NP                                    | 86.69                           | 260     | 6,700   | 15,000       | 44,500                        | 66,460                     | 2,700             | 10,000     |
|         | 06/18/03    | 93.95                                | 8.41                                 | 8.19/0.22                             | 85.69*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|         | 09/22/03*   | 98.67                                | 11.88                                | 11.72/0.16                            | 86.90*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|         | 12/01/03    | 98.67                                | NG                                   | NA                                    | NA                              | NS*     | NS*     | NS*          | NS*                           | NS*                        | NS*               | NS*        |
|         | 03/30/04    | 98.67                                | 6.02                                 | NP                                    | 92.85                           | 180     | 43      | 1,400        | 4,730                         | 6,353                      | 61                | 740        |
|         | 07/13/04*   | 98.94                                | 8.24                                 | NP                                    | 90.70                           | 3,300   | 180     | 1,300        | 3,920                         | 8,700                      | 220               | 250        |
|         | 10/07/04    | 98.94                                | 9.63                                 | NP                                    | 89.31                           | 2,300   | 110     | 650          | 3,270                         | 6,330                      | 150               | 220        |
|         | 01/12/05    | 98.94                                | 5.54                                 | NP                                    | 93.40                           | 5.2     | ND      | ND           | 5.9                           | 11.1                       | 3.5               | 4.8        |
|         | 04/19/05    | 98.94                                | 6.88                                 | NP                                    | 92.06                           | 96.3    | 27.9    | 284          | 604.4                         | 1,012.6                    | 41.2              | 149        |
|         | 07/14/05    | 98.94                                | 9.90                                 | NP                                    | 89.04                           | 56.9    | 65.1    | 570          | 1,585                         | 2,277                      | 32.4              | 18.9       |
| MW-8    | 08/15/01    | 94.22                                | 12.63                                | NP                                    | 81.59                           | --      | --      | --           | --                            | 61,900                     | 210               | 1,400      |
|         | 11/14/01    | 94.22                                | 12.30                                | NP                                    | 81.92                           | --      | --      | --           | --                            | 65,300                     | 73                | 1,000      |
|         | 02/07/02    | 94.22                                | 7.97                                 | NP                                    | 86.25                           | 32,000  | 7,200   | 3,400        | 26,100                        | 67,700                     | <50               | 1,100      |
|         | 06/11/02    | 94.22                                | 8.01                                 | NP                                    | 86.21                           | 14,000  | 8,700   | 3,400        | 22,700                        | 48,800                     | 330               | 1,400      |
|         | 09/09/02    | 94.22                                | 12.92                                | 12.73/0.19                            | 81.30*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|         | 12/11/02    | 94.22                                | 11.28                                | 10.94/0.34                            | 83.18*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|         | 03/18/03    | 94.22                                | 7.76                                 | NP                                    | 86.46                           | 15,000  | 5,400   | 4,000        | 21,300                        | 45,700                     | 240               | 610        |
|         | 06/18/03    | 94.22                                | 8.60                                 | 8.37/0.23                             | 85.78*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|         | 09/22/03*   | 98.97                                | 12.17                                | 11.87/0.30                            | 87.01*                          | NS      | NS      | NS           | NS                            | NS                         | NS                | NS         |
|         | 12/01/03    | 98.97                                | 6.01                                 | NP                                    | 92.96                           | 10,000  | 3,000   | 1,800        | 13,600                        | 28,400                     | <200              | 520        |
|         | 03/30/04    | 98.97                                | 4.62                                 | NP                                    | 94.35                           | 10,000  | 2,200   | 2,900        | 22,400                        | 37,500                     | <200              | 1,000      |
|         | 07/13/04*   | 97.28                                | 6.81                                 | NP                                    | 90.47                           | 2,400   | 160     | <50          | 3,460                         | 6,020                      | 170               | 240        |
|         | 10/07/04    | 97.28                                | 7.83                                 | NP                                    | 89.45                           | 5,100   | 580     | 630          | 7,400                         | 13,710                     | 160               | 310        |
|         | 01/12/05    | 97.28                                | 5.28                                 | NP                                    | 92.00                           | 280     | <50     | <50          | 1,020                         | 1,300                      | <50               | 120        |
|         | 04/19/05    | 97.28                                | 5.37                                 | NP                                    | 91.91                           | 607     | 59      | ND           | 3,206                         | 3,872                      | 62.3              | 132        |
|         | 07/14/05    | 97.28                                | NG                                   | NP                                    | NA                              | DRY     | DRY     | DRY          | DRY                           | DRY                        | DRY               | DRY        |



**Table 1**  
**Historical Summary of Groundwater Data**  
**Closed Hess Station #32458**  
**Fairport, New York**

| Well ID | Sample Date           | Top of Casing <sup>1</sup><br>(feet) | Depth to<br>Water <sup>2</sup> (fbg) | Depth to Product/<br>Thickness (feet) | Water Table<br>Elevation (feet) | Benzene | Toluene | Ethylbenzene | Total<br>Xylenes <sup>4</sup> | Total<br>BTEX <sup>5</sup> | MTBE <sup>6</sup> | Naphthalene |
|---------|-----------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------|---------|---------|--------------|-------------------------------|----------------------------|-------------------|-------------|
| MW-9    | 09/09/02              | 90.94                                | 9.95                                 | NP                                    | 80.99                           | ND      | 9.8     | 47           | 201.6                         | 258.4                      | 50                | 26          |
|         | 12/11/02              | 90.94                                | 8.01                                 | NP                                    | 82.93                           | <350    | 960     | 11,000       | 26,300                        | 38,260                     | 3,800             | 8,900       |
|         | 03/18/03              | 90.94                                | 2.82                                 | NP                                    | 88.12                           | <35     | 1,800   | 3,500        | 8,260                         | 13,560                     | 910               | 1,800       |
|         | 06/18/03              | 90.94                                | 4.81                                 | NP                                    | 86.13                           | <140    | <200    | 1,600        | 3,400                         | 5,000                      | 340               | 850         |
|         | 08/22/03 <sup>a</sup> | 95.19                                | 8.76                                 | 8.70/0.06                             | 86.47 <sup>a</sup>              | NS      | NS      | NS           | NS                            | NS                         | NS                | NS          |
|         | 12/01/03              | 95.19                                | 2.77                                 | NP                                    | 92.42                           | <70     | <100    | 610          | 2,140                         | 2,750                      | <100              | 450         |
|         | 03/30/04              | 95.19                                | 2.24                                 | NP                                    | 92.95                           | <3.5    | 10      | 240          | 1,362                         | 1,612                      | 58                | 210         |
|         | 07/13/04 <sup>a</sup> | 95.18                                | 5.38                                 | NP                                    | 89.80                           | 6.1     | 26      | 120          | 605                           | 757.1                      | 16                | 93          |
|         | 10/07/04              | 95.18                                | 6.41                                 | NP                                    | 88.77                           | ND      | 7.2     | 200          | 368                           | 575.2                      | 46                | 83          |
|         | 01/12/05              | 95.18                                | 2.80                                 | NP                                    | 92.38                           | ND      | 13.0    | 1.2          | 11.6                          | 25.8                       | 8.9               | 48          |
|         | 04/19/05              | 95.18                                | 3.58                                 | NP                                    | 91.60                           | ND      | 14.8    | ND           | ND                            | 14.8                       | 9.1               | ND          |
|         | 07/14/05              | 95.18                                | 7.34                                 | NP                                    | 87.84                           | 4.24    | 65.9    | ND           | 51.9                          | 122.0                      | 26.9              | 46.7        |
| MW-10   | 09/22/03 <sup>a</sup> | 98.77                                | 11.32                                | NP                                    | 87.45                           | 150     | <20     | 1,900        | 1,322                         | 3,372                      | 140               | 350         |
|         | 12/01/03              | 98.77                                | 5.67                                 | NP                                    | 93.10                           | 77      | <20     | 1,000        | 881                           | 1,958                      | 58                | 190         |
|         | 03/30/04              | 98.77                                | 4.46                                 | NP                                    | 94.31                           | 42      | 17      | <10          | 881                           | 940                        | 18                | 160         |
|         | 07/13/04 <sup>a</sup> | 96.77                                | 6.27                                 | NP                                    | 90.50                           | 3,500   | 250     | 450          | 4,400                         | 8,600                      | 170               | 320         |
|         | 10/07/04              | 96.77                                | 7.52                                 | NP                                    | 89.25                           | 1,500   | 66      | 600          | 800                           | 2,966                      | 160               | 200         |
|         | 01/12/05              | 96.77                                | 4.95                                 | NP                                    | 91.82                           | 370     | 48      | 310          | 940                           | 1,668                      | 45                | 120         |
|         | 04/19/05              | 96.77                                | 4.89                                 | NP                                    | 91.88                           | 60.9    | 7.2     | ND           | 66.3                          | 134.4                      | 68.2              | ND          |
|         | 07/14/05              | 96.77                                | NG                                   | NP                                    | NA                              | 648     | 43.6    | 294          | 1,138                         | 2,123.6                    | 144               | 116         |
|         |                       |                                      |                                      |                                       |                                 |         |         |              |                               |                            |                   |             |
| MW-11   | 09/22/03 <sup>a</sup> | 98.95                                | 11.60                                | NP                                    | 87.35                           | 5,300   | 590     | 1,600        | 13,000                        | 20,490                     | 130               | 480         |
|         | 12/01/03              | 98.95                                | 5.99                                 | NP                                    | 92.96                           | 5,200   | 2,100   | 1,500        | 10,400                        | 19,200                     | <100              | 380         |
|         | 03/30/04              | 98.95                                | 4.84                                 | NP                                    | 94.11                           | 3,500   | 1,400   | 520          | 11,700                        | 17,120                     | 130               | 510         |
|         | 07/13/04 <sup>a</sup> | 97.46                                | 7.21                                 | NP                                    | 90.25                           | 2,200   | 180     | 38           | 3,240                         | 5,658                      | 140               | 250         |
|         | 10/07/04              | 97.46                                | 7.96                                 | NP                                    | 89.50                           | 2,100   | 300     | 1,300        | 5,600                         | 9,300                      | 91                | 310         |
|         | 01/12/05              | 97.46                                | 5.70                                 | NP                                    | 91.76                           | 260     | 12      | ND           | 910                           | 1,182                      | 33                | 100         |
|         | 04/19/05              | 97.46                                | 5.43                                 | NP                                    | 92.03                           | 566     | 106     | 205          | 3,298                         | 4,175                      | 308               | 228         |
|         | 07/14/05              | 97.46                                | NG                                   | NP                                    | NA                              | 649     | 33.0    | 208          | 1,189                         | 2,079.0                    | 41.5              | 156         |
| MW-12   | 09/22/03 <sup>a</sup> | 98.59                                | 10.99                                | NP                                    | 87.60                           | 2,700   | 2,400   | 870          | 7,300                         | 13,270                     | 340               | 320         |
|         | 12/01/03              | 98.59                                | 5.47                                 | NP                                    | 93.12                           | 4,600   | 7,800   | 1,100        | 11,300                        | 24,800                     | 240               | 340         |
|         | 03/30/04              | 98.59                                | 4.38                                 | NP                                    | 94.21                           | 3,200   | 7,400   | 1,200        | 11,900                        | 23,700                     | 130               | 340         |
|         | 07/13/04 <sup>a</sup> | 97.30                                | 7.83                                 | NP                                    | 89.47                           | 2,300   | 290     | 1,400        | 3,340                         | 7,330                      | 140               | 360         |
|         | 10/07/04              | 97.30                                | 7.63                                 | NP                                    | 89.67                           | 1,100   | 950     | 670          | 4,480                         | 7,200                      | 160               | 250         |
|         | 01/12/05              | 97.30                                | 5.24                                 | NP                                    | 92.06                           | 250     | <25     | <25          | 880                           | 1,130                      | 34                | 100         |
|         | 04/19/05              | 97.30                                | 5.18                                 | NP                                    | 92.12                           | <3.5    | ND      | ND           | 72.9                          | 72.9                       | 14.9              | 22.8        |
|         | 07/14/05              | 97.30                                | NG                                   | NP                                    | NA                              | 531     | 29.1    | 107          | 770                           | 1,437.1                    | 33.9              | 104         |

Table 1  
Historical Summary of Groundwater Data  
Closed Hess Station #32458  
Fairport, New York

| Well ID | Sample Date           | Top of Casing <sup>a</sup><br>(feet) | Depth to<br>Water <sup>b</sup> (ftg) | Depth to<br>Thickness (feet) | Water Table<br>Elevation (feet) | Benzene | Toluene | Ethylbenzene | Total<br>Xylenes <sup>c</sup> | Total<br>BTEX <sup>d</sup> | MTBE <sup>e</sup> | Naphthalene |
|---------|-----------------------|--------------------------------------|--------------------------------------|------------------------------|---------------------------------|---------|---------|--------------|-------------------------------|----------------------------|-------------------|-------------|
| MW-13   | 07/13/04 <sup>f</sup> | 97.46                                | 8.38                                 | NP                           | 89.08                           | 83      | 49      | 2,400        | 4,110                         | 6,642                      | 43                | 660         |
|         | 10/07/04              | 97.46                                | 8.65                                 | NP                           | 88.81                           | 10      | 5.4     | 240          | 402                           | 657.4                      | 8.5               | 49          |
|         | 01/12/05              | 97.46                                | 6.75                                 | NP                           | 90.71                           | 110     | 21      | 1,100        | 1,271                         | 2,502                      | 35                | 260         |
|         | 04/19/05              | 97.46                                | 6.17                                 | NP                           | 91.29                           | 99.5    | 79      | 1,130        | 3,468                         | 4,776.5                    | 145               | 320         |
|         | 07/14/05              | 97.46                                | 9.97                                 | NP                           | 87.49                           | 59.2    | 43.0    | 1,420        | 2,503                         | 4,025.2                    | 55.8              | 435         |
| MW-14   | 07/13/04 <sup>f</sup> | 96.75                                | 7.87                                 | NP                           | 88.88                           | 36      | 26      | 450          | 2,150                         | 2,662                      | 46                | 730         |
|         | 10/07/04              | 96.75                                | 8.35                                 | NP                           | 88.40                           | 42      | 16      | 1,200        | 1,180                         | 2,438                      | 100               | 190         |
|         | 01/12/05              | 96.75                                | 6.03                                 | NP                           | 90.72                           | 40      | 11      | 140          | 416                           | 607                        | 37                | 230         |
|         | 04/19/05              | 96.75                                | 5.71                                 | NP                           | 91.04                           | 15.7    | 16.3    | 165          | 1,151                         | 1,348                      | 81.1              | 235         |
|         | 07/14/05              | 96.75                                | 9.64                                 | NP                           | 87.11                           | 24.5    | <10     | 643          | 794                           | 1,461.5                    | 50.7              | 286         |
| MW-15   | 07/13/04 <sup>f</sup> | 96.12                                | 7.29                                 | NP                           | 88.83                           | 17      | 7.6     | 2.0          | 2.5                           | 29.1                       | 24                | 11          |
|         | 10/07/04              | 96.12                                | 8.41                                 | NP                           | 87.71                           | <3.5    | 7.8     | 290          | 30                            | 327.8                      | 80                | 89          |
|         | 01/12/05              | 96.12                                | 5.02                                 | NP                           | 91.10                           | ND      | 12      | 380          | ND                            | 392                        | 23                | 120         |
|         | 04/19/05              | 96.12                                | 5.56                                 | NP                           | 90.56                           | <3.5    | 11.6    | 272          | ND                            | 283.6                      | 74.2              | 115         |
|         | 07/14/05              | 96.12                                | 9.57                                 | NP                           | 86.55                           | <3.5    | ND      | 299          | 34.5                          | 333.5                      | 50.5              | 139         |

Notes:

All constituent concentrations are presented in micrograms per liter (µg/L).  
 NYSDEC Standards - New York State Department of Environmental Conservation  
 Ambient Water Quality Standards and Guidance Values, June 1998 and Addendum 2000.  
 a - Relative to an arbitrary benchmark.  
 b - Measured from top of inside casing.  
 c - Sum of m, p-Xylenes and o-Xylenes.  
 d - Sum of Benzene, Toluene, Ethylbenzene, and Total Xylenes.  
 e - Methyl tertiary butyl ether.  
 fg - Feet below grade.  
 -- Refer to historical status reports for Benzene, Toluene, Ethylbenzene, and Xylenes concentrations.  
 ^ - Monitoring wells resurveyed by GSC.

DRY  
 \*  
 - Insufficient water column to collect representative sample.  
 - Groundwater elevation corrected due to SPH.  
 Corrected groundwater elevation = water elevation + (0.7 x product thickness).  
 - Not applicable.  
 - Not detected above reporting detection limit.  
 - Not detected, reporting limit greater than NYSDEC Guidance Value.  
 - Not sampled due to liquid phase hydrocarbons.  
 - Well not gauged.  
 - No liquid phase hydrocarbons noted in well.  
 - Not sampled; well obstructed.  
 - Value exceeds NYSDEC Ambient Water Quality Standards and Guidance Values.

**Table 2**  
**Groundwater Extraction and Treatment System Analytical Data**

**Closed Hess Station No. 32458**  
**1314 Fairport Road**  
**Fairport, New York**

| Sample Location | Sample Date | Benzene | Toluene | Ethylbenzene | Total Xylenes* | Total BTEX** | MTBE | Naphthalene |
|-----------------|-------------|---------|---------|--------------|----------------|--------------|------|-------------|
| <b>Influent</b> | 4-May-04    | 2,820   | 5,060   | 2,440        | 9,130          | 19,450       | 128  | 450         |
|                 | 5-May-04    | 3,230   | 1,690   | 1,700        | 6,780          | 13,400       | 36   | 446         |
|                 | 6-May-04    | 2,620   | 903     | 1,820        | 4,910          | 10,253       | 132  | 534         |
|                 | 18-May-04   | 4,400   | 1,100   | 2,600        | 8,200          | 16,300       | 320  | 360         |
|                 | 27-May-04   | 2,270   | <592    | 1,600        | 5,460          | 9,922        | 51   | NC          |
|                 | 4-Jun-04    | 2,720   | 732     | 1,720        | 6,010          | 11,182       | 52   | NC          |
|                 | 17-Jun-04   | 2,690   | 377     | 2,110        | 4,890          | 10,067       | 60   | NC          |
|                 | 13-Jul-04   | 3,470   | 250.0   | 2,250        | 4,690          | 10,660       | 162  | NC          |
|                 | 12-Aug-04   | 2,290   | 303.0   | 1,490        | 5,060          | 9,143        | 39   | NC          |
|                 | 9-Sep-04    | 1,330   | 231.0   | 1,050        | 3,090          | 5,701        | 89   | NC          |
|                 | 8-Oct-04    | 3,090   | 409.0   | 1,780        | 4,990          | 10,269       | 118  | NC          |
|                 | 3-Nov-04    | 1,250   | 191.0   | 1,530        | 3,350          | 6,321        | 79   | NC          |
|                 | 8-Dec-04    | 1,740   | 192.0   | 1,660        | 3,270          | 6,862        | 96.4 | NC          |
|                 | 13-Jan-05   | 1,350   | 141.0   | 1,370        | 3,090          | 5,951        | 50.0 | NC          |
|                 | 1-Feb-05    | 1,810   | 168.0   | 1,860        | 2,240          | 6,078        | 59.7 | NC          |
|                 | 4-Mar-05    | 2,030   | 129.0   | 2,340        | 5,100          | 9,599        | <35  | NC          |
|                 | 5-Apr-05    | 1,060   | 95.0    | 1,540        | 3,690          | 6,385        | <23  | NC          |
|                 | 12-May-05   | 1,320   | 172.0   | 1,740        | 3,130          | 6,362        | 50.7 | NC          |
|                 | 23-Jun-05   | 1,950   | 84.1    | 2,190        | 3,790          | 8,014        | 47.7 | NC          |
|                 | 11-Jul-05   | 1,220   | 81.4    | 1,820        | 3,370          | 6,491        | 37.8 | NC          |

**Table 2**  
**Groundwater Extraction and Treatment System Analytical Data**

**Closed Hess Station No. 32458**  
**1314 Fairport Road**  
**Fairport, New York**

| Sample Location                           | Sample Date | Benzene | Toluene | Ethylbenzene | Total Xylenes* | Total BTEX** | MTBE | Naphthalene |
|-------------------------------------------|-------------|---------|---------|--------------|----------------|--------------|------|-------------|
| Midfluent-1                               | 4-May-04    | 12.7    | 20.8    | 8.2          | 40             | 82           | 1.5  | 5           |
|                                           | 5-May-04    | NC      | NC      | NC           | NC             | NC           | NC   | NC          |
|                                           | 6-May-04    | NC      | NC      | NC           | NC             | NC           | NC   | NC          |
|                                           | 18-May-04   | <1.0    | <1.0    | <1.0         | 3.4            | <6           | <1.0 | <1.0        |
|                                           | 27-May-04   | 1.4     | 1.9     | 2.6          | 10.9           | 17           | <1.0 | NC          |
|                                           | 4-Jun-04    | 9.9     | 4.8     | 4.9          | 25.1           | 45           | <1.0 | NC          |
|                                           | 17-Jun-04   | 3.9     | 1.7     | 3.2          | 10.6           | 19           | <1.0 | NC          |
|                                           | 13-Jul-04   | 1.3     | 3.1     | 1.1          | 2.8            | 8            | <1.0 | NC          |
|                                           | 12-Aug-04   | <1.0    | 0.2     | <1.0         | <1.0           | <3           | <1.0 | NC          |
|                                           | 9-Sep-04    | <0.4    | 1.2     | <1.0         | 0.92           | <4           | <1.0 | NC          |
|                                           | 8-Oct-04    | 0.99    | 1.0     | 0.40         | 1.6            | <4           | <1.0 | NC          |
|                                           | 3-Nov-04    | <1.0    | 1.0     | <1.0         | <1.0           | <4           | <1.0 | NC          |
|                                           | 8-Dec-04    | 4.0     | 1.3     | 2.7          | 7.5            | 16           | <1.0 | NC          |
|                                           | 13-Jan-05   | <1.0    | <1.0    | <1.0         | <1.0           | <4           | <1.0 | NC          |
|                                           | 1-Feb-05    | <26.0   | <2.1    | <11.9        | <53.5          | <94          | <2.3 | NC          |
| Midfluent-1 removed from sampling network |             |         |         |              |                |              |      |             |
| Midfluent-2                               | 4-May-04    | <1.0    | <1.0    | <1.0         | <1.0           | BDL          | <1.0 | <2.0        |
|                                           | 5-May-04    | NC      | NC      | NC           | NC             | NC           | NC   | NC          |
|                                           | 6-May-04    | NC      | NC      | NC           | NC             | NC           | NC   | NC          |
|                                           | 18-May-04   | <1.0    | <1.0    | <1.0         | <1.0           | BDL          | <1.0 | <2.0        |
|                                           | 27-May-04   | <1.0    | <1.0    | <1.0         | <1.0           | BDL          | <1.0 | NC          |
|                                           | 4-Jun-04    | <1.0    | 0.5     | <1.0         | 0.4            | <3           | <1.0 | NC          |
|                                           | 17-Jun-04   | <1.0    | <1.0    | <1.0         | <1.0           | BDL          | <1.0 | NC          |
|                                           | 13-Jul-04   | <1.0    | <1.0    | <1.0         | <1.0           | BDL          | <1.0 | NC          |
|                                           | 12-Aug-04   | <1.0    | <1.0    | <1.0         | <1.0           | BDL          | <1.0 | NC          |
|                                           | 9-Sep-04    | <1.0    | <1.0    | <1.0         | <1.0           | BDL          | <1.0 | NC          |
|                                           | 8-Oct-04    | <1.0    | <1.0    | <1.0         | <1.0           | BDL          | <1.0 | NC          |
|                                           | 3-Nov-04    | <1.0    | <1.0    | <1.0         | <1.0           | BDL          | <1.0 | NC          |
|                                           | 8-Dec-04    | <1.0    | <1.0    | <1.0         | <1.0           | BDL          | <1.0 | NC          |
|                                           | 13-Jan-05   | <1.0    | <1.0    | <1.0         | <1.0           | BDL          | <1.0 | NC          |
|                                           | 1-Feb-05    | 2.7     | 0.42    | 1.3          | 3.3            | 8            | 0.70 | NC          |
| Midfluent-2 removed from sampling network |             |         |         |              |                |              |      |             |

**Table 2**  
**Groundwater Extraction and Treatment System Analytical Data**

**Closed Hess Station No. 32458**  
**1314 Fairport Road**  
**Fairport, New York**

| Sample Location                                            | Sample Date | Benzene  | Toluene  | Ethylbenzene | Total Xylenes* | Total BTEX** | MTBE      | Naphthalene |
|------------------------------------------------------------|-------------|----------|----------|--------------|----------------|--------------|-----------|-------------|
| System Effluent                                            | 4-May-04    | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | <2.0        |
|                                                            | 5-May-04    | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | <2.0        |
|                                                            | 6-May-04    | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | <2.0        |
|                                                            | 18-May-04   | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | <2.0        |
|                                                            | 27-May-04   | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | NC          |
|                                                            | 4-Jun-04    | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | NC          |
|                                                            | 17-Jun-04   | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | NC          |
|                                                            | 13-Jul-04   | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | NC          |
|                                                            | 12-Aug-04   | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | NC          |
|                                                            | 9-Sep-04    | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | NC          |
|                                                            | 8-Oct-04    | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | NC          |
|                                                            | 3-Nov-04    | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | NC          |
|                                                            | 8-Dec-04    | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | NC          |
|                                                            | 13-Jan-05   | <1.0     | <1.0     | <1.0         | <1.0           | BDL          | <1.0      | NC          |
|                                                            | 1-Feb-05    | 0.61     | <1.0     | 0.69         | 2.0            | 4.3          | <1.0      | NC          |
|                                                            | 4-Mar-05    | <1.0     | <1.0     | <1.0         | 0.56           | 3.6          | <1.0      | NC          |
|                                                            | 5-Apr-05    | <1.0     | <1.0     | <1.0         | <1.0           | <4.0         | <1.0      | NC          |
|                                                            | 12-May-05   | <1.0     | <1.0     | <1.0         | <1.0           | <4.0         | <1.0      | NC          |
|                                                            | 23-Jun-05   | <1.0     | <1.0     | <1.0         | <1.0           | <4.0         | <1.0      | NC          |
|                                                            | 11-Jul-05   | <1.0     | <1.0     | <1.0         | <1.0           | <4.0         | <1.0      | NC          |
| <b>NYSDEC Stipulation Agreement Water Discharge Limits</b> |             | <b>1</b> | <b>5</b> | <b>5</b>     | <b>5</b>       |              | <b>10</b> | <b>10</b>   |

**Notes:**

All constituent concentrations are presented in micrograms per liter (ug/L);

\* - Summation of ortho, meta and para-xylenes;

\*\* - Summation of compounds that were detected above the laboratory method reporting limit;

BTEX - benzene, toluene, ethylbenzene, and total xylenes;

MTBE - methyl tertiary-butyl ether;

BDL - below detection limit; and

NC - sample not collected.

**LOC KLEINFELDER**  
*Employee-owned*

**Table 3**  
**Historical Soil Vapor Extraction System Analytical Data Summary**

Closed Hess Station No. 32458  
1314 Fairport Road  
Fairport, New York

| Date      | Parameter     | NYSDEC Ambient Air<br>Quality Standards* | Effluent (mg/m3) | Air Flow<br>(SCFM) |
|-----------|---------------|------------------------------------------|------------------|--------------------|
| 6-May-04  | Benzene       | 26.486                                   | 26               | 143.7              |
|           | Toluene       | NA                                       | <0.19            |                    |
|           | Ethylbenzene  | NA                                       | <0.22            |                    |
|           | Total Xylenes | NA                                       | 1.0              |                    |
|           | MTBE          | NA                                       | <0.18            |                    |
| 27-May-04 | Benzene       | 15.892                                   | 6.4              | 253.7              |
|           | Toluene       | NA                                       | 40.3             |                    |
|           | Ethylbenzene  | NA                                       | 6.1              |                    |
|           | Total Xylenes | NA                                       | 40               |                    |
|           | MTBE          | NA                                       | 0.90             |                    |
| 17-Jun-04 | Benzene       | 15.892                                   | 0.99             | 284.3              |
|           | Toluene       | NA                                       | 6.4              |                    |
|           | Ethylbenzene  | NA                                       | 1.0              |                    |
|           | Total Xylenes | NA                                       | 13               |                    |
|           | MTBE          | NA                                       | <0.18            |                    |
| 13-Jul-04 | Benzene       | 19.864                                   | 1.10             | 168.5              |
|           | Toluene       | NA                                       | 4.10             |                    |
|           | Ethylbenzene  | NA                                       | 0.48             |                    |
|           | Total Xylenes | NA                                       | 20               |                    |
|           | MTBE          | NA                                       | <0.18            |                    |
| 12-Aug-04 | Benzene       | 19.864                                   | <0.080           | 171.2              |
|           | Toluene       | NA                                       | 0.29             |                    |
|           | Ethylbenzene  | NA                                       | <0.22            |                    |
|           | Total Xylenes | NA                                       | 6.5              |                    |
|           | MTBE          | NA                                       | <0.18            |                    |
| 9-Sep-04  | Benzene       | 26.468                                   | 1.3              | 144.3              |
|           | Toluene       | NA                                       | 1.5              |                    |
|           | Ethylbenzene  | NA                                       | 1.5              |                    |
|           | Total Xylenes | NA                                       | 8.3              |                    |
|           | MTBE          | NA                                       | 1.8              |                    |
| 8-Oct-04  | Benzene       | 19.864                                   | <0.080           | 169.2              |
|           | Toluene       | NA                                       | <0.19            |                    |
|           | Ethylbenzene  | NA                                       | <0.22            |                    |
|           | Total Xylenes | NA                                       | <0.22            |                    |
|           | MTBE          | NA                                       | <0.18            |                    |
| 3-Nov-04  | Benzene       | 26.486                                   | <0.080           | 125.9              |
|           | Toluene       | NA                                       | <0.19            |                    |
|           | Ethylbenzene  | NA                                       | <0.22            |                    |
|           | Total Xylenes | NA                                       | <0.22            |                    |
|           | MTBE          | NA                                       | <0.18            |                    |
| 8-Dec-04  | Benzene       | 26.486                                   | <0.080           | 132.0              |
|           | Toluene       | NA                                       | <0.19            |                    |
|           | Ethylbenzene  | NA                                       | <0.22            |                    |
|           | Total Xylenes | NA                                       | <0.22            |                    |
|           | MTBE          | NA                                       | <0.18            |                    |

**Table 3**  
**Historical Soil Vapor Extraction System Analytical Data Summary**

Closed Hess Station No. 32458  
1314 Fairport Road  
Fairport, New York

| Date      | Parameter     | NYSDEC Ambient Air Quality Standards* | Effluent (mg/m3) | Air Flow (SCFM) |
|-----------|---------------|---------------------------------------|------------------|-----------------|
| 13-Jan-05 | Benzene       | 26.486                                | <0.080           | 130.3           |
|           | Toluene       | NA                                    | <0.19            |                 |
|           | Ethylbenzene  | NA                                    | <0.22            |                 |
|           | Total Xylenes | NA                                    | <0.22            |                 |
|           | MTBE          | NA                                    | <0.18            |                 |
| 1-Feb-05  | Benzene       | 26.486                                | 0.15             | 132.4           |
|           | Toluene       | NA                                    | NA               |                 |
|           | Ethylbenzene  | NA                                    | NA               |                 |
|           | Total Xylenes | NA                                    | NA               |                 |
|           | MTBE          | NA                                    | NA               |                 |
| 4-Mar-05  | Benzene       | 26.486                                | 0.23             | 141.2           |
|           | Toluene       | NA                                    | NA               |                 |
|           | Ethylbenzene  | NA                                    | NA               |                 |
|           | Total Xylenes | NA                                    | NA               |                 |
|           | MTBE          | NA                                    | NA               |                 |
| 5-Apr-05  | Benzene       | 26.486                                | 0.26             | 148.2           |
|           | Toluene       | NA                                    | <0.19            |                 |
|           | Ethylbenzene  | NA                                    | <0.22            |                 |
|           | Total Xylenes | NA                                    | 0.87             |                 |
|           | MTBE          | NA                                    | <0.18            |                 |
| 12-May-05 | Benzene       | 26.486                                | 0.14             | 148.3           |
|           | Toluene       | NA                                    | NA               |                 |
|           | Ethylbenzene  | NA                                    | NA               |                 |
|           | Total Xylenes | NA                                    | NA               |                 |
|           | MTBE          | NA                                    | NA               |                 |
| 7-Jun-05  | Benzene       | 26.486                                | 0.09             | 138.4           |
|           | Toluene       | NA                                    | NA               |                 |
|           | Ethylbenzene  | NA                                    | NA               |                 |
|           | Total Xylenes | NA                                    | NA               |                 |
|           | MTBE          | NA                                    | NA               |                 |
| 12-Jul-05 | Benzene       | 26.486                                | <0.080           | 137.5           |
|           | Toluene       | NA                                    | <0.19            |                 |
|           | Ethylbenzene  | NA                                    | <0.22            |                 |
|           | Total Xylenes | NA                                    | 0.87             |                 |
|           | MTBE          | NA                                    | <0.18            |                 |

**Notes:**

\* - NYSDEC Ambient Air Quality Standards using a 25' stack height;

NA - Not Applicable;

mg/m3 - milligrams per cubic meter;

SCFM - Standard cubic feet per minute;

< - value less than reporting limit.

 **KLEINFELDER**  
Employee-owned

Table 4  
Monitoring Well Sampling Schedule  
Closed Hess Station #32458  
Fairport, New York

| Groundwater<br>Sampling Months | Monitoring Well ID |       |       |      |      |      |      |      |
|--------------------------------|--------------------|-------|-------|------|------|------|------|------|
|                                | MW-1               | MW-2R | MW-3R | MW-4 | MW-5 | MW-6 | MW-7 | MW-8 |
| January                        | X                  | X     | X     | X    | X    | X    | X    | X    |
| April                          | X                  | X     | X     | X    | X    | X    | X    | X    |
| July                           | X                  | X     | X     | X    | X    | X    | X    | X    |
| October                        | X                  | X     | X     | X    | X    | X    | X    | X    |

| Groundwater<br>Sampling Months | Monitoring Well ID |       |       |       |       |       |       |  |
|--------------------------------|--------------------|-------|-------|-------|-------|-------|-------|--|
|                                | MW-9               | MW-10 | MW-11 | MW-12 | MW-13 | MW-14 | MW-15 |  |
| January                        | X                  | X     | X     | X     | X     | X     | X     |  |
| April                          | X                  | X     | X     | X     | X     | X     | X     |  |
| July                           | X                  | X     | X     | X     | X     | X     | X     |  |
| October                        | X                  | X     | X     | X     | X     | X     | X     |  |

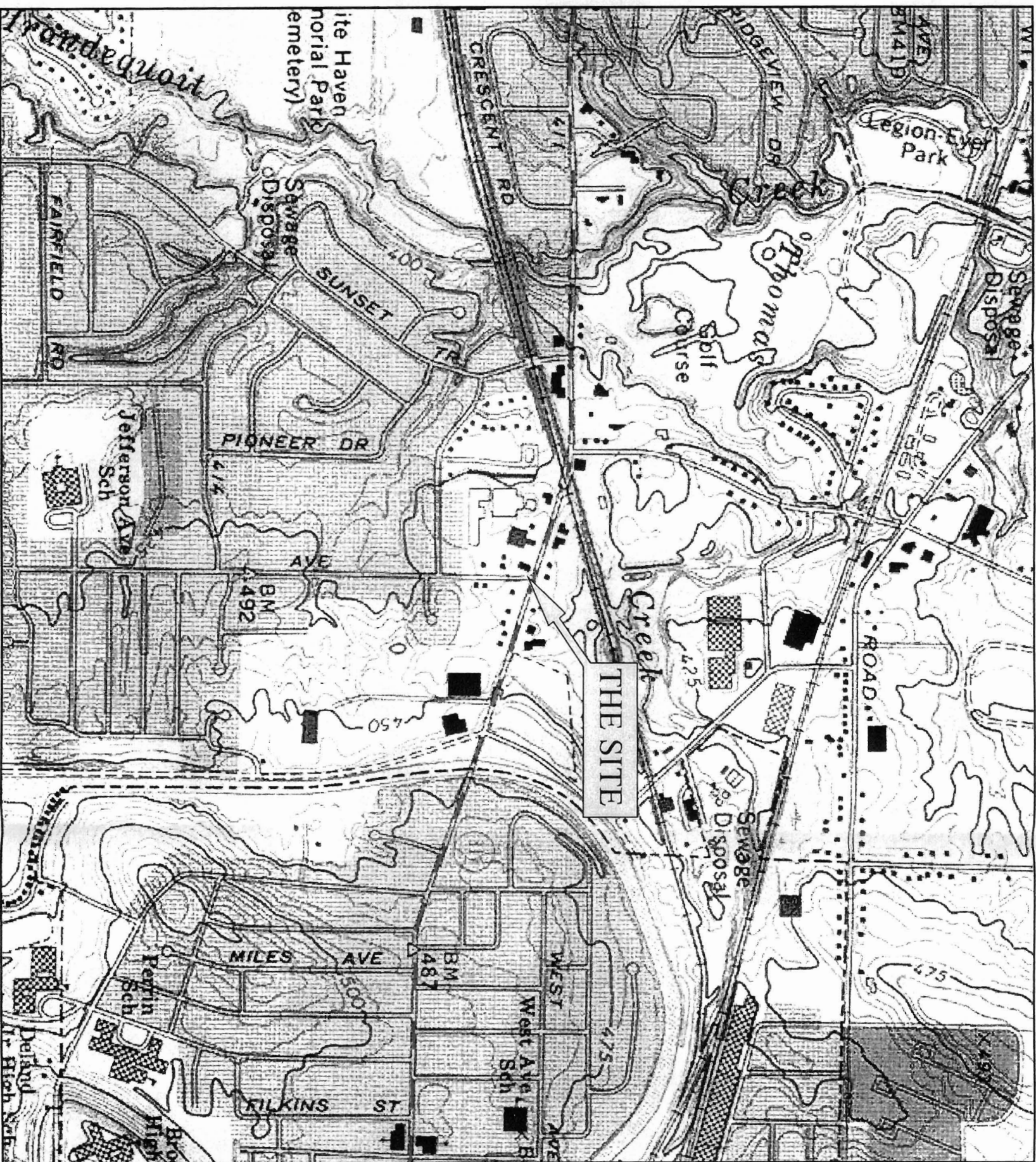
**NOTES:**

All wells sampled EPA 602: BTEX, MTBE & Naphthalene;  
Quarterly Hydrogeologic Status Reports submitted in March,  
X - Denotes well sampled.

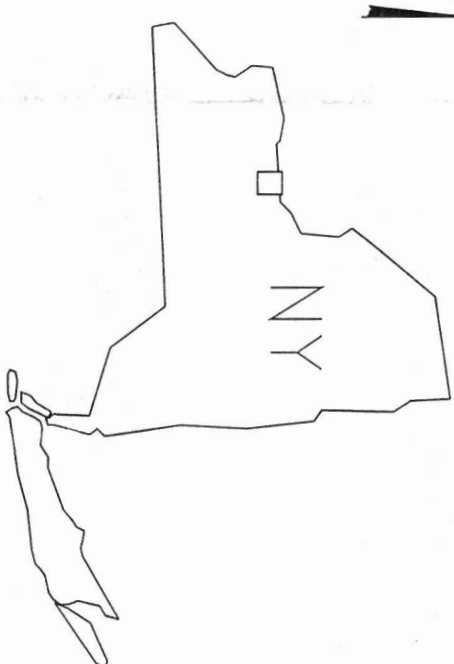
and December.



## FIGURES



LATITUDE: 43°06'04" N  
LONGITUDE: 77°27'44" W

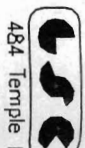


### QUADRANGLE LOCATION

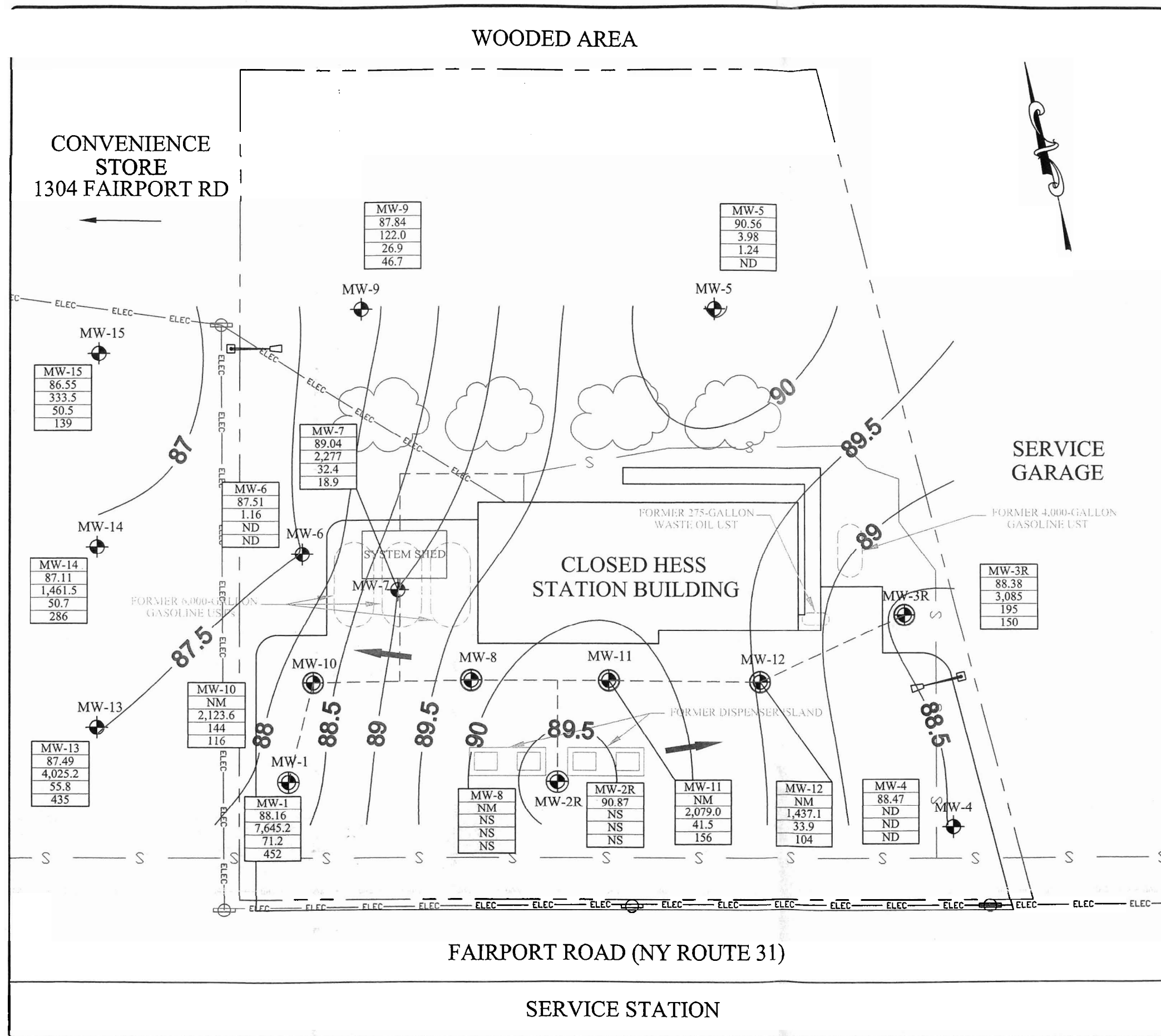
### FIGURE 1 LOCUS PLAN

CLOSED HISS STATION No. 3245B  
1314 FAIRPORT ROAD  
FAIRPORT, NEW YORK

|             |                   |                 |                            |
|-------------|-------------------|-----------------|----------------------------|
| DRAWN BY:   | JG                | SCALE:          | 1" = 900'                  |
| REVISED BY: | -                 | PROJECT NUMBER: | 0201708AA                  |
| CHECKED BY: | -                 | SOURCE:         | USGS 7.5' Topographic Map, |
| DATE:       | FEBRUARY 12, 2002 |                 | NY Quad                    |



**GEOLOGIC SERVICES CORPORATION**  
Hydrogeologists and Environmental Scientists  
484 Temple Hill Rd., Suite 100 New Windsor, NY 12553 (845)561-9890



**FIGURE 2**  
**HYDROCARBON DISTRIBUTION/**  
**GROUNDWATER CONTOUR MAP**

**CLOSED HESS STATION No. 32458**  
**1314 FAIRPORT ROAD**  
**FAIRPORT, NEW YORK**

|             |                    |                                |                  |
|-------------|--------------------|--------------------------------|------------------|
| DRAWN BY:   | JG                 | SCALE:                         | 1 inch = 22 feet |
| REVISED BY: | JL                 | PROJECT NUMBER:                | 0201708          |
| CHECKED BY: |                    | SOURCE:                        |                  |
| DATE:       | SEPTEMBER 14, 2005 | GSC/KLEINFELDER FIELD RESEARCH |                  |

## **APPENDIX A**

### **Laboratory Sample Analytical Report and Chain of Custody**

TOXIKON CORPORATION  
15 WIGGINS AVENUE  
BEDFORD, MA 01730  
TEL: (781) 275-3330

July 25, 2005

Patrick Storz  
SHAW E&I  
367 AMERICAN OIL ROAD  
RENSSELAER, NY 12144  
TEL: 518-462-8202  
FAX: 518-436-7882

RE: Hess 32458 - Fairport

Order No.: 0507187

Dear Patrick Storz:

Toxikon Corporation received 13 samples on 7/19/2005 for the analyses presented in the following report.

Unless noted in the report, there were no problems with the analyses and all data for associated QC met EPA or laboratory specifications.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

John D. Verban

---

*Certifications:* MA: MA 064, , CT: PH 0563, MD: 185, RI: LAO00055  
NELAC - NY: 10778, NJ: MA 538, NH: 2040, PA 68-461

## Toxikon Corporation

Date: 25-Jul-05

**CLIENT:** SHAW E&I  
**Project:** Hess 32458 - Fairport  
**Lab Order:** 0507187

### Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Tag Number | Collection Date       | Date Received |
|---------------|------------------|------------|-----------------------|---------------|
| 0507187-01A   | MW-4             |            | 7/14/2005 11:15:00 AM | 7/19/2005     |
| 0507187-02A   | MW-5             |            | 7/14/2005 12:15:00 PM | 7/19/2005     |
| 0507187-03A   | MW-7             |            | 7/14/2005 12:30:00 PM | 7/19/2005     |
| 0507187-04A   | MW-6             |            | 7/14/2005 12:20:00 PM | 7/19/2005     |
| 0507187-05A   | MW-1             |            | 7/14/2005 11:40:00 AM | 7/19/2005     |
| 0507187-06A   | MW-3R            |            | 7/14/2005 11:25:00 AM | 7/19/2005     |
| 0507187-07A   | MW-9             |            | 7/14/2005 12:10:00 PM | 7/19/2005     |
| 0507187-08A   | MW-10            |            | 7/14/2005 11:45:00 AM | 7/19/2005     |
| 0507187-09A   | MW-11            |            | 7/14/2005 11:30:00 AM | 7/19/2005     |
| 0507187-10A   | MW-12            |            | 7/14/2005 11:20:00 AM | 7/19/2005     |
| 0507187-11A   | MW-13            |            | 7/14/2005 11:50:00 AM | 7/19/2005     |
| 0507187-12A   | MW-14            |            | 7/14/2005 11:55:00 AM | 7/19/2005     |
| 0507187-13A   | MW-15            |            | 7/14/2005 12:00:00 PM | 7/19/2005     |

# Toxikon Corporation

Date: 25-Jul-05

**CLIENT:** SHAW E&I  
**Lab Order:** 0507187  
**Project:** Hess 32458 - Fairport  
**Lab ID:** 0507187-01A

**Client Sample ID:** MW-4  
**Tag Number:**  
**Collection Date:** 7/14/2005 11:15:00 AM  
**Matrix:** GROUNDWATER

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed        |
|----------------------------|--------|-------------|------|-------|----|----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | Analyst: <b>EPC</b>  |
| Benzene                    | ND     | 0.700       |      | µg/L  | 1  | 7/21/2005 6:32:00 AM |
| Ethylbenzene               | ND     | 1.00        |      | µg/L  | 1  | 7/21/2005 6:32:00 AM |
| m,p-Xylene                 | ND     | 1.00        |      | µg/L  | 1  | 7/21/2005 6:32:00 AM |
| Methyl tert-butyl ether    | ND     | 1.00        |      | µg/L  | 1  | 7/21/2005 6:32:00 AM |
| Naphthalene                | ND     | 1.00        |      | µg/L  | 1  | 7/21/2005 6:32:00 AM |
| o-Xylene                   | ND     | 1.00        |      | µg/L  | 1  | 7/21/2005 6:32:00 AM |
| Toluene                    | ND     | 1.00        |      | µg/L  | 1  | 7/21/2005 6:32:00 AM |

**Qualifiers**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
RL - Reporting Limit

# Toxikon Corporation

Date: 25-Jul-05

|                   |                       |                          |                       |
|-------------------|-----------------------|--------------------------|-----------------------|
| <b>CLIENT:</b>    | SHAW E&I              | <b>Client Sample ID:</b> | MW-5                  |
| <b>Lab Order:</b> | 0507187               | <b>Tag Number:</b>       |                       |
| <b>Project:</b>   | Hess 32458 - Fairport | <b>Collection Date:</b>  | 7/14/2005 12:15:00 PM |
| <b>Lab ID:</b>    | 0507187-02A           | <b>Matrix:</b>           | GROUNDWATER           |

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed        |
|----------------------------|--------|-------------|------|-------|----|----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | Analyst: <b>EPC</b>  |
| Benzene                    | 1.34   | 0.700       |      | µg/L  | 1  | 7/20/2005 9:16:00 AM |
| Ethylbenzene               | ND     | 1.00        |      | µg/L  | 1  | 7/20/2005 9:16:00 AM |
| m,p-Xylene                 | ND     | 1.00        |      | µg/L  | 1  | 7/20/2005 9:16:00 AM |
| Methyl tert-butyl ether    | 1.24   | 1.00        |      | µg/L  | 1  | 7/20/2005 9:16:00 AM |
| Naphthalene                | ND     | 1.00        |      | µg/L  | 1  | 7/20/2005 9:16:00 AM |
| o-Xylene                   | 1.14   | 1.00        |      | µg/L  | 1  | 7/20/2005 9:16:00 AM |
| Toluene                    | 1.50   | 1.00        |      | µg/L  | 1  | 7/20/2005 9:16:00 AM |

|                   |                                                     |                                                     |
|-------------------|-----------------------------------------------------|-----------------------------------------------------|
| <b>Qualifiers</b> | ND - Not Detected at the Reporting Limit            | S - Spike Recovery outside accepted recovery limits |
|                   | J - Analyte detected below quantitation limits      | R - RPD outside accepted recovery limits            |
|                   | B - Analyte detected in the associated Method Blank | E - Value above quantitation range                  |
|                   | * - Value exceeds Maximum Contaminant Level         | RL - Reporting Limit                                |



# Toxikon Corporation

Date: 25-Jul-05

|                   |                       |                          |                       |
|-------------------|-----------------------|--------------------------|-----------------------|
| <b>CLIENT:</b>    | SHAW E&I              | <b>Client Sample ID:</b> | MW-7                  |
| <b>Lab Order:</b> | 0507187               | <b>Tag Number:</b>       |                       |
| <b>Project:</b>   | Hess 32458 - Fairport | <b>Collection Date:</b>  | 7/14/2005 12:30:00 PM |
| <b>Lab ID:</b>    | 0507187-03A           | <b>Matrix:</b>           | GROUNDWATER           |

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed        |
|----------------------------|--------|-------------|------|-------|----|----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | Analyst: <b>EPC</b>  |
| Benzene                    | 56.9   | 3.50        |      | µg/L  | 5  | 7/21/2005 8:24:00 AM |
| Ethylbenzene               | 570    | 5.00        |      | µg/L  | 5  | 7/21/2005 8:24:00 AM |
| m,p-Xylene                 | 1470   | 5.00        |      | µg/L  | 5  | 7/21/2005 8:24:00 AM |
| Methyl tert-butyl ether    | 32.4   | 5.00        |      | µg/L  | 5  | 7/21/2005 8:24:00 AM |
| Naphthalene                | 18.9   | 5.00        |      | µg/L  | 5  | 7/21/2005 8:24:00 AM |
| o-Xylene                   | 115    | 5.00        |      | µg/L  | 5  | 7/21/2005 8:24:00 AM |
| Toluene                    | 65.1   | 5.00        |      | µg/L  | 5  | 7/21/2005 8:24:00 AM |

|                   |                                                     |                                                     |
|-------------------|-----------------------------------------------------|-----------------------------------------------------|
| <b>Qualifiers</b> | ND - Not Detected at the Reporting Limit            | S - Spike Recovery outside accepted recovery limits |
|                   | J - Analyte detected below quantitation limits      | R - RPD outside accepted recovery limits            |
|                   | B - Analyte detected in the associated Method Blank | E - Value above quantitation range                  |
|                   | * - Value exceeds Maximum Contaminant Level         | RL - Reporting Limit                                |

**Toxikon Corporation**

Date: 25-Jul-05

**CLIENT:** SHAW E&I  
**Lab Order:** 0507187  
**Project:** Hess 32458 - Fairport  
**Lab ID:** 0507187-04A

**Client Sample ID:** MW-6  
**Tag Number:**  
**Collection Date:** 7/14/2005 12:20:00 PM  
**Matrix:** GROUNDWATER

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed         |
|----------------------------|--------|-------------|------|-------|----|-----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | Analyst: <b>EPC</b>   |
| Benzene                    | ND     | 0.700       |      | µg/L  | 1  | 7/21/2005 11:28:00 AM |
| Ethylbenzene               | ND     | 1.00        |      | µg/L  | 1  | 7/21/2005 11:28:00 AM |
| m,p-Xylene                 | ND     | 1.00        |      | µg/L  | 1  | 7/21/2005 11:28:00 AM |
| Methyl tert-butyl ether    | ND     | 1.00        |      | µg/L  | 1  | 7/21/2005 11:28:00 AM |
| Naphthalene                | ND     | 1.00        |      | µg/L  | 1  | 7/21/2005 11:28:00 AM |
| o-Xylene                   | 1.16   | 1.00        |      | µg/L  | 1  | 7/21/2005 11:28:00 AM |
| Toluene                    | ND     | 1.00        |      | µg/L  | 1  | 7/21/2005 11:28:00 AM |

**Qualifiers**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
RL - Reporting Limit

**Toxikon Corporation**

Date: 25-Jul-05

|                   |                       |                          |                       |
|-------------------|-----------------------|--------------------------|-----------------------|
| <b>CLIENT:</b>    | SHAW E&I              | <b>Client Sample ID:</b> | MW-1                  |
| <b>Lab Order:</b> | 0507187               | <b>Tag Number:</b>       |                       |
| <b>Project:</b>   | Hess 32458 - Fairport | <b>Collection Date:</b>  | 7/14/2005 11:40:00 AM |
| <b>Lab ID:</b>    | 0507187-05A           | <b>Matrix:</b>           | GROUNDWATER           |

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed        |
|----------------------------|--------|-------------|------|-------|----|----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | Analyst: <b>EPC</b>  |
| Benzene                    | 1600   | 14.0        |      | µg/L  | 20 | 7/19/2005 2:41:00 PM |
| Ethylbenzene               | 1500   | 20.0        |      | µg/L  | 20 | 7/19/2005 2:41:00 PM |
| m,p-Xylene                 | 4060   | 20.0        |      | µg/L  | 20 | 7/19/2005 2:41:00 PM |
| Methyl tert-butyl ether    | 71.2   | 20.0        | B    | µg/L  | 20 | 7/19/2005 2:41:00 PM |
| Naphthalene                | 452    | 20.0        |      | µg/L  | 20 | 7/19/2005 2:41:00 PM |
| o-Xylene                   | 411    | 20.0        |      | µg/L  | 20 | 7/19/2005 2:41:00 PM |
| Toluene                    | 74.2   | 20.0        |      | µg/L  | 20 | 7/19/2005 2:41:00 PM |

|                   |                                                     |                                                     |
|-------------------|-----------------------------------------------------|-----------------------------------------------------|
| <b>Qualifiers</b> | ND - Not Detected at the Reporting Limit            | S - Spike Recovery outside accepted recovery limits |
|                   | J - Analyte detected below quantitation limits      | R - RPD outside accepted recovery limits            |
|                   | B - Analyte detected in the associated Method Blank | E - Value above quantitation range                  |
|                   | * - Value exceeds Maximum Contaminant Level         | RL - Reporting Limit                                |

**Toxikon Corporation**

Date: 25-Jul-05

**CLIENT:** SHAW E&I  
**Lab Order:** 0507187  
**Project:** Hess 32458 - Fairport  
**Lab ID:** 0507187-06A

**Client Sample ID:** MW-3R  
**Tag Number:**  
**Collection Date:** 7/14/2005 11:25:00 AM  
**Matrix:** GROUNDWATER

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed        |
|----------------------------|--------|-------------|------|-------|----|----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | Analyst: <b>EPC</b>  |
| Benzene                    | 109    | 0.700       |      | µg/L  | 1  | 7/20/2005 9:54:00 AM |
| Ethylbenzene               | 761    | 1.00        |      | µg/L  | 1  | 7/20/2005 9:54:00 AM |
| m,p-Xylene                 | 1470   | 1.00        |      | µg/L  | 1  | 7/20/2005 9:54:00 AM |
| Methyl tert-butyl ether    | 195    | 1.00        |      | µg/L  | 1  | 7/20/2005 9:54:00 AM |
| Naphthalene                | 150    | 1.00        |      | µg/L  | 1  | 7/20/2005 9:54:00 AM |
| o-Xylene                   | 270    | 1.00        |      | µg/L  | 1  | 7/20/2005 9:54:00 AM |
| Toluene                    | 475    | 1.00        |      | µg/L  | 1  | 7/20/2005 9:54:00 AM |

**Qualifiers**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
RL - Reporting Limit

**Toxikon Corporation****Date:** 25-Jul-05

**CLIENT:** SHAW E&I  
**Lab Order:** 0507187  
**Project:** Hess 32458 - Fairport  
**Lab ID:** 0507187-07A

**Client Sample ID:** MW-9  
**Tag Number:**  
**Collection Date:** 7/14/2005 12:10:00 PM  
**Matrix:** GROUNDWATER

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed         |
|----------------------------|--------|-------------|------|-------|----|-----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | Analyst: EPC          |
| Benzene                    | 4.24   | 0.700       |      | µg/L  | 1  | 7/20/2005 10:33:00 AM |
| Ethylbenzene               | ND     | 1.00        |      | µg/L  | 1  | 7/20/2005 10:33:00 AM |
| m,p-Xylene                 | 44.2   | 1.00        |      | µg/L  | 1  | 7/20/2005 10:33:00 AM |
| Methyl tert-butyl ether    | 26.9   | 1.00        |      | µg/L  | 1  | 7/20/2005 10:33:00 AM |
| Naphthalene                | 46.7   | 1.00        |      | µg/L  | 1  | 7/20/2005 10:33:00 AM |
| o-Xylene                   | 7.75   | 1.00        |      | µg/L  | 1  | 7/20/2005 10:33:00 AM |
| Toluene                    | 65.9   | 1.00        |      | µg/L  | 1  | 7/20/2005 10:33:00 AM |

**Qualifiers**    ND - Not Detected at the Reporting Limit  
                  J - Analyte detected below quantitation limits  
                  B - Analyte detected in the associated Method Blank  
                  \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
RL - Reporting Limit

# Toxikon Corporation

Date: 25-Jul-05

|                   |                       |                          |                       |
|-------------------|-----------------------|--------------------------|-----------------------|
| <b>CLIENT:</b>    | SHAW E&I              | <b>Client Sample ID:</b> | MW-10                 |
| <b>Lab Order:</b> | 0507187               | <b>Tag Number:</b>       |                       |
| <b>Project:</b>   | Hess 32458 - Fairport | <b>Collection Date:</b>  | 7/14/2005 11:45:00 AM |
| <b>Lab ID:</b>    | 0507187-08A           | <b>Matrix:</b>           | GROUNDWATER           |

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed         |
|----------------------------|--------|-------------|------|-------|----|-----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | Analyst: <b>EPC</b>   |
| Benzene                    | 648    | 0.700       |      | µg/L  | 1  | 7/20/2005 11:11:00 AM |
| Ethylbenzene               | 294    | 1.00        |      | µg/L  | 1  | 7/20/2005 11:11:00 AM |
| m,p-Xylene                 | 1010   | 1.00        |      | µg/L  | 1  | 7/20/2005 11:11:00 AM |
| Methyl tert-butyl ether    | 144    | 1.00        |      | µg/L  | 1  | 7/20/2005 11:11:00 AM |
| Naphthalene                | 116    | 1.00        |      | µg/L  | 1  | 7/20/2005 11:11:00 AM |
| o-Xylene                   | 128    | 1.00        |      | µg/L  | 1  | 7/20/2005 11:11:00 AM |
| Toluene                    | 43.6   | 1.00        |      | µg/L  | 1  | 7/20/2005 11:11:00 AM |

|                   |                                                     |                                                     |
|-------------------|-----------------------------------------------------|-----------------------------------------------------|
| <b>Qualifiers</b> | ND - Not Detected at the Reporting Limit            | S - Spike Recovery outside accepted recovery limits |
|                   | J - Analyte detected below quantitation limits      | R - RPD outside accepted recovery limits            |
|                   | B - Analyte detected in the associated Method Blank | E - Value above quantitation range                  |
|                   | * - Value exceeds Maximum Contaminant Level         | RL - Reporting Limit                                |

**Toxikon Corporation**

Date: 25-Jul-05

|                   |                       |                          |                       |
|-------------------|-----------------------|--------------------------|-----------------------|
| <b>CLIENT:</b>    | SHAW E&I              | <b>Client Sample ID:</b> | MW-11                 |
| <b>Lab Order:</b> | 0507187               | <b>Tag Number:</b>       |                       |
| <b>Project:</b>   | Hess 32458 - Fairport | <b>Collection Date:</b>  | 7/14/2005 11:30:00 AM |
| <b>Lab ID:</b>    | 0507187-09A           | <b>Matrix:</b>           | GROUNDWATER           |

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed        |
|----------------------------|--------|-------------|------|-------|----|----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | <b>Analyst: EPC</b>  |
| Benzene                    | 649    | 7.00        |      | µg/L  | 10 | 7/21/2005 9:01:00 AM |
| Ethylbenzene               | 208    | 10.0        |      | µg/L  | 10 | 7/21/2005 9:01:00 AM |
| m,p-Xylene                 | 1070   | 10.0        |      | µg/L  | 10 | 7/21/2005 9:01:00 AM |
| Methyl tert-butyl ether    | 41.5   | 10.0        |      | µg/L  | 10 | 7/21/2005 9:01:00 AM |
| Naphthalene                | 156    | 10.0        |      | µg/L  | 10 | 7/21/2005 9:01:00 AM |
| o-Xylene                   | 119    | 10.0        |      | µg/L  | 10 | 7/21/2005 9:01:00 AM |
| Toluene                    | 33.0   | 10.0        |      | µg/L  | 10 | 7/21/2005 9:01:00 AM |

|                   |                                                     |                                                     |
|-------------------|-----------------------------------------------------|-----------------------------------------------------|
| <b>Qualifiers</b> | ND - Not Detected at the Reporting Limit            | S - Spike Recovery outside accepted recovery limits |
|                   | J - Analyte detected below quantitation limits      | R - RPD outside accepted recovery limits            |
|                   | B - Analyte detected in the associated Method Blank | E - Value above quantitation range                  |
|                   | * - Value exceeds Maximum Contaminant Level         | RL - Reporting Limit                                |

# Toxikon Corporation

Date: 25-Jul-05

**CLIENT:** SHAW E&I  
**Lab Order:** 0507187  
**Project:** Hess 32458 - Fairport  
**Lab ID:** 0507187-10A

**Client Sample ID:** MW-12  
**Tag Number:**  
**Collection Date:** 7/14/2005 11:20:00 AM  
**Matrix:** GROUNDWATER

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed        |
|----------------------------|--------|-------------|------|-------|----|----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | Analyst: <b>EPC</b>  |
| Benzene                    | 531    | 1.40        |      | µg/L  | 2  | 7/21/2005 9:38:00 AM |
| Ethylbenzene               | 107    | 2.00        |      | µg/L  | 2  | 7/21/2005 9:38:00 AM |
| m,p-Xylene                 | 669    | 2.00        |      | µg/L  | 2  | 7/21/2005 9:38:00 AM |
| Methyl tert-butyl ether    | 33.9   | 2.00        |      | µg/L  | 2  | 7/21/2005 9:38:00 AM |
| Naphthalene                | 104    | 2.00        |      | µg/L  | 2  | 7/21/2005 9:38:00 AM |
| o-Xylene                   | 101    | 2.00        |      | µg/L  | 2  | 7/21/2005 9:38:00 AM |
| Toluene                    | 29.1   | 2.00        |      | µg/L  | 2  | 7/21/2005 9:38:00 AM |

**Qualifiers**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
RL - Reporting Limit



**Toxikon Corporation****Date:** 25-Jul-05

**CLIENT:** SHAW E&I  
**Lab Order:** 0507187  
**Project:** Hess 32458 - Fairport  
**Lab ID:** 0507187-11A

**Client Sample ID:** MW-13  
**Tag Number:**  
**Collection Date:** 7/14/2005 11:50:00 AM  
**Matrix:** GROUNDWATER

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed        |
|----------------------------|--------|-------------|------|-------|----|----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | Analyst: <b>EPC</b>  |
| Benzene                    | 59.2   | 14.0        |      | µg/L  | 20 | 7/20/2005 1:47:00 PM |
| Ethylbenzene               | 1420   | 20.0        |      | µg/L  | 20 | 7/20/2005 1:47:00 PM |
| m,p-Xylene                 | 2320   | 20.0        |      | µg/L  | 20 | 7/20/2005 1:47:00 PM |
| Methyl tert-butyl ether    | 55.8   | 20.0        |      | µg/L  | 20 | 7/20/2005 1:47:00 PM |
| Naphthalene                | 435    | 20.0        |      | µg/L  | 20 | 7/20/2005 1:47:00 PM |
| o-Xylene                   | 183    | 20.0        |      | µg/L  | 20 | 7/20/2005 1:47:00 PM |
| Toluene                    | 43.0   | 20.0        |      | µg/L  | 20 | 7/20/2005 1:47:00 PM |

**Qualifiers**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
RL - Reporting Limit

**Toxikon Corporation**

Date: 25-Jul-05

**CLIENT:** SHAW E&I  
**Lab Order:** 0507187  
**Project:** Hess 32458 - Fairport  
**Lab ID:** 0507187-12A

**Client Sample ID:** MW-14  
**Tag Number:**  
**Collection Date:** 7/14/2005 11:55:00 AM  
**Matrix:** GROUNDWATER

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed        |
|----------------------------|--------|-------------|------|-------|----|----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | Analyst: <b>EPC</b>  |
| Benzene                    | 24.5   | 7.00        |      | µg/L  | 10 | 7/20/2005 2:24:00 PM |
| Ethylbenzene               | 643    | 10.0        |      | µg/L  | 10 | 7/20/2005 2:24:00 PM |
| m,p-Xylene                 | 692    | 10.0        |      | µg/L  | 10 | 7/20/2005 2:24:00 PM |
| Methyl tert-butyl ether    | 50.7   | 10.0        |      | µg/L  | 10 | 7/20/2005 2:24:00 PM |
| Naphthalene                | 286    | 10.0        |      | µg/L  | 10 | 7/20/2005 2:24:00 PM |
| o-Xylene                   | 102    | 10.0        |      | µg/L  | 10 | 7/20/2005 2:24:00 PM |
| Toluene                    | ND     | 10.0        |      | µg/L  | 10 | 7/20/2005 2:24:00 PM |

**Qualifiers**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range  
RL - Reporting Limit

**Toxikon Corporation****Date:** 25-Jul-05

**CLIENT:** SHAW E&I  
**Lab Order:** 0507187  
**Project:** Hess 32458 - Fairport  
**Lab ID:** 0507187-13A

**Client Sample ID:** MW-15  
**Tag Number:**  
**Collection Date:** 7/14/2005 12:00:00 PM  
**Matrix:** GROUNDWATER

| Analyses                   | Result | RL          | Qual | Units | DF | Date Analyzed        |
|----------------------------|--------|-------------|------|-------|----|----------------------|
| <b>PURGEABLE AROMATICS</b> |        | <b>E602</b> |      |       |    | Analyst: <b>EPC</b>  |
| Benzene                    | ND     | 3.50        |      | µg/L  | 5  | 7/20/2005 3:01:00 PM |
| Ethylbenzene               | 299    | 5.00        |      | µg/L  | 5  | 7/20/2005 3:01:00 PM |
| m,p-Xylene                 | 34.5   | 5.00        |      | µg/L  | 5  | 7/20/2005 3:01:00 PM |
| Methyl tert-butyl ether    | 50.5   | 5.00        |      | µg/L  | 5  | 7/20/2005 3:01:00 PM |
| Naphthalene                | 139    | 5.00        |      | µg/L  | 5  | 7/20/2005 3:01:00 PM |
| o-Xylene                   | ND     | 5.00        |      | µg/L  | 5  | 7/20/2005 3:01:00 PM |
| Toluene                    | ND     | 5.00        |      | µg/L  | 5  | 7/20/2005 3:01:00 PM |

**Qualifiers**  
ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
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S - Spike Recovery outside accepted recovery limits  
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15 Wiggins Ave., Bedford, MA 01730  
Telephone: (781) 275-3330  
Fax: (781) 275-7478

# CHAIN OF CUSTODY RECORD

WORK ORDER #: 05-07-187

DUE DATE : 7-26-05

COMPANY: Shaw E&I  
ADDRESS: 367 American Oil Rd.  
Rensselaer, NY 12144  
PHONE #: (518) 462-8202 FAX #: (518) 436-7882  
P.O. #: \_\_\_\_\_  
PROJECT MANAGER: P. Storz  
PROJECT ID/LOCATION: 32458 Fairport

SAMPLE TYPE CONTAINER TYPE  
1. WASTEWATER P - PLASTIC  
2. SOIL G - GLASS  
3. SLUDGE V - VOA  
4. OIL  
5. DRINKING WATER  
6. WATER (GW/MW/SW)  
7. OTHER (SPECIFY)

## ANALYSES

| TOXIKON # | SAMPLE IDENTIFICATION | SAMPLE TYPE | CONTAINER |      |   | SAMPLING |      | PRESERVATIVE |                     |  |  |  |  |  |  |  |  |  |  |  | SPECIAL INSTRUCTIONS/COMMENTS |
|-----------|-----------------------|-------------|-----------|------|---|----------|------|--------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|-------------------------------|
|           |                       |             | SIZE      | TYPE | # | DATE     | TIME |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |
| 1         | MW-4                  | GW          | 40ml      | V    | 2 | 7/14/05  | 1115 | HCl          | 602 BTX, MTBE, Vnap |  |  |  |  |  |  |  |  |  |  |  |                               |
| 2         | MW-5                  |             |           |      |   |          | 1215 |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |
| 3         | MW-7                  |             |           |      |   |          | 1230 |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |
| 4         | MW-6                  |             |           |      |   |          | 1230 |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |
| 5         | MW-1                  |             |           |      |   |          | 1140 |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |
| 6         | MW-3R                 |             |           |      |   |          | 1125 |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |
| 7         | MW-9                  |             |           |      |   |          | 1210 |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |
| 8         | MW-10                 |             |           |      |   |          | 1145 |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |
| 9         | MW-11                 |             |           |      |   |          | 1130 |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |
| 10        | MW-12                 |             |           |      |   |          | 1120 |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |
| 11        | MW-13                 |             |           |      |   |          | 1150 |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |
| 12        | MW-14                 |             |           |      |   |          | 1155 |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |
| 13        | MW-15                 |             |           |      |   |          | 1200 |              |                     |  |  |  |  |  |  |  |  |  |  |  |                               |

SAMPLED BY:

DATE: 7-14-05  
TIME: 1115

QUOTATION #:

RELINQUISHED BY:

DATE: 7-18-05  
TIME: 1700

RECEIVED BY:

DATE: - - -  
TIME: - - -

RELINQUISHED BY:

DATE: 7-19-05  
TIME: 9-30

RECEIVED FOR LAB BY:

DATE: 7-19-05  
TIME: 9-30

METHOD OF SHIPMENT

COOLER TEMPERATURE  
40C

☐ RUSH ..... BUSINESS DAY TURN AROUND

☒ ROUTINE AHC 14 day

Sample disposal information

Are there any other known or suspected contaminants in these samples other than those listed above?

Yes \_\_\_\_\_ No X If Yes, 1st Known \_\_\_\_\_