



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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June 7, 2005

Mr. Jon Raymond
Pentair Water
293 Wright Street
Delavan, WI 53115

FID # 265091640

Dear Mr. Raymond:

I have reviewed the Annual Progress Report covering the period January 1 through December 31, 2004, for the source area remedial action at the Pentair Water, formerly Sta-Rite Industries, Inc, facility at Delavan, Wisconsin.

I concur with the recommendations in the March 14, 2005 report subject to the following conditions:

1. The groundwater extraction system consisting of extraction wells EX-1, EX-2R, EX-3, EX-4, EX-5, EX-6 and EX-7 remain in operation.
2. One additional round of sampling at SES be performed in 2005 resulting in the possible construction of a new permanent well being located there in 2006.

I am confident that the proposed operating changes will continue to provide acceptable results and look forward to another year of improvement at the site.

Please contact me at 920-892-8756 Ex. 3028 if you have any questions or comments.

Thomas A. Wentland
Waste Management Engineer
Remediation and Redevelopment Section

Cc/ Mr. Mark Manthey, GeoTrans

March 14, 2005
(4169.002)

Mr. Thomas Wentland
Waste Management Engineer
Wisconsin Department of Natural Resources
P.O. Box 408
Plymouth, WI 53073-0408

RE: Annual Progress Report, Source Area Remedial Action, Pentair Water Facility, Delavan, Wisconsin

Dear Mr. Wentland:

Enclosed is the Annual Progress Report for the source area remedial action at the Pentair Water (formerly Sta-Rite Industries, Inc.) facility in Delavan, Wisconsin.

SITE NAME/ACTIVITY:

Contract No. SF-90-02
Delavan Municipal Well #4
Delavan, Wisconsin
Source Remediation

DATE: March 14, 2005

PERIOD: January 1 through December 31, 2004

The format of this report follows the Wisconsin Department of Natural Resources (WDNR) "Guidance for Design, Installation, and Operation of Soil Venting Systems," WDNR Emergency and Remedial Response Section, July 1993, PUBL-SW185-93.

Please note, it is recommended that the dual soil vapor extraction/groundwater extraction (SVE/GWE) wells in the Chip Storage Extraction System (CSES) area and Southeast Extraction System (SES) area be decommissioned as the remedial action in these areas is complete. It is also recommended that SVE in the former sump area be permanently shut down and the SVE wells decommissioned as the mass of volatile organic compound (VOC) impacts remaining in the soil above the water table is estimated to be less than five pounds and operation of the SVE system to address the small amount of residual VOC impacts that remain is not practical. The existing groundwater extraction system on the Delavan facility will prevent the residual groundwater impacts that remain in the CSES, SES and former sump areas from migrating off-site.

Pentair Water
Progress Report #13
Page 2

The recommendations contained in the enclosed progress report will be implemented by Pentair Water pending written approval of these actions by the WDNR. If you require additional information or have any questions regarding these matters, please contact Jon Raymond or me at your convenience.

Sincerely,

GEOTRANS, INC.



Mark A. Manthey, P.G.
Senior Hydrogeologist
mmanthey@geotransinc.com



Encs.

cc: Jon Raymond (2 copies), Pentair Water
Henry Nehls-Lowe/Wisconsin Division of Health, Madison

SUMMARY OF PROGRESS MADE THIS REPORTING PERIOD

The dual soil vapor extraction/groundwater extraction (SVE/GWE) remediation system at the Pentair Water (formerly Sta-Rite Industries, Inc.) Delavan facility consists of three legs, which are shown on Figure 1. The first leg of the SVE/GWE remediation system addressed the impacts at the former chip storage area southeast of Plant 1 and is referred to as the chip storage extraction system (CSES). The second leg remediated the impacts found in the southeast corner of the Pentair Water facility property and is referred to as the southeast extraction system (SES). The third leg, which is only an SVE system, remediated soil impacts at the former location of a sump that was located adjacent to the north wall of Plant 2 of the Pentair Water Delavan facility and is referred to as the former sump area.

SVE from the CSES and SES legs were discontinued on March 18, 2002 per the recommendation made in the February 1999 through April 2001 progress report (GeoTrans, Inc., July 6, 2001), which was approved by the Wisconsin Department of Natural Resources (WDNR) in a letter dated February 13, 2002. No groundwater was extracted from the dual SVE/GWE wells in the SES area since 2002 because none of the submersible pumps in the dual SVE/GWE wells were operational. Fine-grained sediment that entered the wells during the operation of the dual SVE/GWE system clogged the well screens and caused the pumps in the dual SVE/GWE wells to fail. Attempts to remove the submersible pumps from the dual SVE/GWE wells in the SES area in 2003 were unsuccessful due to the presence of the fine-grained sediment in the wells. Groundwater extraction from the dual SVE/GWE wells in the CSES area was also stopped on December 23, 2003. The suspension of groundwater extraction from the SES and CSES areas was approved by the WDNR in a letter dated April 22, 2004.

SVE from the third leg of the dual SVE/GWE system, which is located in the former sump source area, was discontinued on December 9, 2003 per the recommendation made in the 2003 Annual

Progress Report for the Delavan facility (GeoTrans, March 29, 2004). SVE was stopped because soil sample analytical results for soil samples collected from the former sump source area in 2003 indicated there were only approximately four pounds of VOC impacts remaining in the soil above the water table. This recommendation was approved by the WDNR in a letter dated April 22, 2004.

In accordance with the recommendation made in the May 2001 through December 2002 progress report (GeoTrans, January 28, 2003), a groundwater investigation was performed in the CSES and SES areas in 2003. Four temporary monitor wells (TW-303, TW-304, TW-305 and TW-306) were installed in and around the SES area and two rounds of groundwater samples were collected from the temporary monitor wells to document the degree and extent of residual groundwater impacts. The locations of the temporary monitor wells are shown on Figure 1. Three temporary monitor wells were also to be installed around the CSES, but the wells were unable to be installed in this area due to the presence of cobbles and boulders at depth. Because the temporary monitor wells were unable to be installed around the CSES area, two rounds of groundwater samples were collected from the operational SVE/GWE wells in the CSES and from existing monitor well MW-1026, which is located approximately 113 feet downgradient of the CSES, instead. Groundwater samples were also collected from the temporary monitor wells installed in the SES area during this reporting period on September 17, 2004. The groundwater analytical results from the groundwater investigation conducted in the CSES and SES areas and the sampling round conducted in September 2004 show trichloroethene (TCE) is the only contaminant present above its Chapter NR140 enforcement standard (ES) in both areas.

Groundwater samples have also been collected from the monitor wells and groundwater extraction wells that are part of the groundwater monitoring program for the Delavan facility. The analytical results from 2004 show stabilized or continued declining VOC concentrations in groundwater both at Plant 1 and Plant 2.

Groundwater samples are supposed to be collected semi-annually from select monitor wells and extraction wells located on the Delavan facility property. However, the first sampling round, which was supposed to be conducted in the first half of 2004, was mistakenly not performed by Pentair Water personnel. Also, monitor wells TW-1 and MW-1027, which are part of the groundwater monitoring program for the Delavan facility, were not sampled in 2004 because the Pentair Water personnel performing the groundwater sampling was working off an old sampling list that did not include these monitor wells. Two groundwater-sampling rounds will be conducted by Pentair Water personnel in 2005. Groundwater samples will also be collected from monitor wells TW-1 and MW-1027 in 2005.

The analytical results for the soil and groundwater samples collected from the site during this reporting period are summarized on Tables 1, 2 and 3 and Figure 1. Laboratory results for soil and groundwater monitoring conducted during this reporting period are included in Appendices A and B. A soil boring log and borehole abandonment form for the borehole installed in the former sump area during this reporting period are provided in Appendix C.

Cumulative VOC Removal Results

None of the legs of the dual SVE/GWE system were operated during the reporting period from January 1, 2004 through December 31, 2004; therefore, no additional VOC mass was removed from the CSES, SES and former sump areas in 2004 via the dual SVE/GWE system. Since system initiation on June 16, 1994 through December 23, 2003, which is the day that groundwater extraction from the dual SVE/GWE system was discontinued, the groundwater extracted from the CSES and the SES source areas has removed an estimated 146 pounds of VOCs. An estimated 1,840 pounds of VOCs have been removed in the vapor phase from the CSES, SES and former sump areas. As stated above, SVE from the CSES and SES areas was discontinued on March 18, 2002 and SVE

from the former sump area was stopped on December 9, 2003. A total of 1,986 pounds of VOCs was removed in 114 months of operation of the dual SVE/GWE remediation system.

FORMER SUMP SOURCE AREA SOIL SAMPLING

Soil samples were collected from the former sump source area during this reporting period to confirm the results of the soil samples collected from the former sump area in 2003 and document the progress of the soil remediation. Soil samples were collected from one location in the former sump area on October 8, 2004 using the Geoprobe® direct-push sampling system (Figure 1). Portions of the soil samples collected from the Geoprobe® boring were screened in the field for the presence of ionizable VOCs using a photoionization detector (PID). The Geoprobe® boring installed in the former sump area was advanced to approximately 28 feet below ground surface (bgs) and soil samples collected from 16 feet bgs, 20 feet bgs, 24 feet bgs, 26 feet bgs and 28 feet bgs were submitted for laboratory analysis of VOCs by EPA Method SW846 8260B. Copies of the laboratory analytical reports are provided in Appendix A. Copies of the borehole log and borehole abandonment form for the Geoprobe® boring installed in the former sump area during this reporting period are provided in Appendix C.

Historical soil sample analytical results from the former sump source area are summarized on Table 1. The historical soil analytical data indicate VOC impacts in the soil, especially the most volatile compounds, TCE and tetrachloroethene (PCE), have been significantly reduced by the remedial action activities conducted in the former sump area, which included SVE and heated SVE. The analytical results from 2003 and 2004 indicate low-level VOC impacts remain in the soil above the water table in the former sump area.

Soil Performance Standards for the Former Sump Source Area

The U.S. Environmental Protection Agency (EPA) guidance documents entitled *Soil Screening Guidance: User's Guide* (July 1996) and *Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites* (March 2001) were used to calculate soil performance standards based on protection of groundwater for TCE, 1,1,1-trichloroethane (TCA), PCE and cis-1,2-dichloroethene (DCE). A soil performance standard was calculated for DCE, which is a breakdown product of TCE, because it has been detected in the soil samples collected from the former sump area at concentrations equal to or greater than TCE and PCE.

The soil/water partitioning equation and mass-limit equation presented in the July 1996 EPA guidance document were used to calculate site-specific soil performance standards for TCE, TCA, PCE and DCE. Default values provided in the July 1996 EPA guidance document for fraction of organic carbon in soil, water-filled soil porosity, dry soil bulk density, soil particle density, soil porosity, air-filled soil porosity, infiltration rate and exposure duration were used in the equations or used to calculate parameters used in the equations. Chemical-specific values provided in Appendix C of the March 2001 EPA guidance document for the soil/organic carbon partition coefficient and Henry's Law Constant were used to calculate values for some of the parameters used in the equations. Site-specific values used in the equations or used to calculate values for some of the parameters used in the equations included aquifer hydraulic conductivity, hydraulic gradient, length of source parallel to groundwater flow, depth of the source and aquifer thickness. The equations, default values, chemical-specific values and site-specific values used to calculate the soil performance standards are provided in Appendix D.

The site-specific soil performance standards calculated for TCE, TCA, PCE and DCE are listed on Table 4. As Table 4 shows, the soil performance standards calculated using the mass-limit equation are higher than values calculated using the soil/water partitioning equation for all four compounds.

The July 1996 EPA guidance document recommends that if values are calculated using both equations, the values should be compared for each chemical and the higher of the two values should be selected. Generic soil performance standards for 110 compounds calculated using the soil/water partitioning equation and default values for the aquifer properties are listed in Appendix A of the March 2001 EPA guidance document and are also included on Table 4. As Table 4 shows, the generic soil performance standards for TCE, TCA and PCE are higher than the values calculated using site-specific data. The generic soil performance standard for DCE is higher than the site-specific value calculated using the soil/water partitioning equation, but lower than the site-specific value calculated using the mass-limit equation.

The analytical results for the soil samples collected from the former sump area during this reporting period were compared to the generic soil performance standards and higher of the two site-specific soil performance standards. The following pertains to the soil samples collected from the Geoprobe® boring installed near the former location of the sump on October 8, 2004:

- ◆ The generic and site-specific soil performance standards for TCE and PCE were exceeded in the soil samples collected at 16 feet bgs, 20 feet bgs, 24 feet bgs, 26 feet bgs and 28 feet bgs.
- ◆ The generic and site-specific soil performance standards for DCE were exceeded in the soil sample collected at 28 feet bgs.
- ◆ TCA was detected in the soil samples collected at 16 feet bgs and 26 feet bgs, but the concentrations in both soil samples were below its generic and site-specific soil performance standards.

Contaminant Mass Estimate

The mass of VOC impacts that remain in the soil above the water table in the former sump area was calculated using an estimated volume of 18,900 cubic feet for the impacted soil and the analytical results for the soil samples collected from the Geoprobe® boring installed near the former location of the sump on October 8, 2004. The calculations used to estimate the mass of VOC impacts remaining in the former sump area are provided in Appendix D. Based on these calculations, the mass of VOC impacts remaining in the former sump area is estimated to be approximately 4.5 pounds. The mass of VOC impacts calculated using the 2004 analytical results is essentially the same as the four pounds of VOC impacts that was calculated from the analytical data obtained from the soil samples collected in the former sump area in 2003.

GROUNDWATER

Groundwater extraction from the SES area was stopped in 2002 and groundwater extraction from the CSES area was discontinued in 2003. Residual groundwater impacts originating from the SES and former sump source areas are controlled by extraction wells EX-1 and EX-7, which were installed prior to and operated separately from the dual SVE/GWE system. Groundwater downgradient of the CSES source area is controlled by the previously installed EX-2R, EX-3, EX-4, EX-5, and EX-6 extraction wells.

Groundwater Sampling

Groundwater samples were collected from the monitor wells and groundwater extraction wells that are part of the Delavan facility groundwater monitoring program in September 2004. A grab water sample was also collected from the storm sewer (sample identification SS-1) in which the

groundwater pumped from the seven Delavan facility extraction wells is discharged. The storm sewer water sample was collected by Pentair Water personnel on April 5, 2004. No groundwater samples were collected from monitor wells TW-1, which was added to the monitoring program in 2001, and MW-1026, which was supposed to be added to the monitoring program in 2004, because the Pentair Water personnel performing the groundwater sampling rounds was working off an old sampling list that did not include these monitor wells. Groundwater samples will be collected from TW-1 and MW-1026 by Pentair Water personnel in 2005. Groundwater sampling at the Delavan facility will be performed semi-annually in 2005, in accordance with the groundwater monitoring program for the site.

Groundwater analytical data from the site monitor wells and extraction wells are presented in Appendix B and summarized in Tables 2 and 3. Total VOC concentrations for the sampling events completed in 2004 are also listed next to each monitor well and extraction well on Figure 1. Time versus concentration plots were prepared and graphed for contaminant concentrations in the most highly impacted wells near Plant 1 and Plant 2 and are included as Figures 2 through 8.

The following summarizes the trends in water quality at site monitoring points.

Plant 1: Three monitor wells and two extraction wells were sampled during this reporting period. Contaminants of concern are TCA and TCE. Groundwater samples were not collected from MW-1026 during this reporting period.

PCE: PCE was not detected in any of the Plant 1 wells sampled during this reporting period.

TCA: The groundwater sample collected from monitor well TW-4 exceeded the NR 140 Preventive Action Limit (PAL) of 40 ug/L for TCA. The remaining wells

sampled during this reporting period were below groundwater quality standards for TCA.

TCE: TCE concentrations exceeded the NR 140 ES of 5.0 ug/L in the groundwater samples collected from monitor wells MW-1027 and TW-4 and extraction wells EX-2 and EX-3 during this reporting period. The PAL for TCE (0.5 ug/L) was exceeded in the groundwater sample collected from monitor well D-25R.

A comparison of the 2003 analytical results to the 2004 analytical results reveal the following trends for TCE:

- ◆ TCE concentrations in MW-1027 decreased slightly from 230 to 200 ug/L in 2003 to 170 ug/L in 2004.
- ◆ TCE concentrations in TW-4 decreased slightly from 89 ug/L in 2003 to 39 ug/L in 2004.
- ◆ At monitor well D-25R, TCE concentrations show no significant change between the 2003 and 2004 sampling round with reported TCE concentrations at 4.6 ug/L and 7.7 ug/L for the 2003 samples and 3.3 ug/L for the 2004 sample.
- ◆ The TCE concentration in extraction well EX-2R increased from 2.9 ug/L in 2003 to 25 ug/L in 2004.

- ◆ The TCE concentration in extraction well EX-3 decreased from 46 ug/L in 2003 to 17 ug/L in 2004.

Plant 2: Five monitor wells, four temporary monitor wells and two extraction wells were sampled during this reporting period. Contaminants of concern are PCE, TCE, and TCA. Groundwater samples were not collected from monitor well TW-1 during this reporting period.

TCA: TCA was detected below its PAL of 40 ug/L in the groundwater samples collected from temporary monitor wells TW-303 and TW-306 at concentrations of 1.8 ug/L and 6.1 ug/L respectively (Table 3). TW-303 is located in the SES source area and TW-306 is located downgradient of the SES area. No TCA was detected in any of the other groundwater samples collected from the Plant 2 temporary monitor wells, monitor wells or extraction wells.

TCE: The Chapter NR140 ES for TCE of 5.0 ug/L was exceeded in the groundwater samples collected from temporary monitor wells TW-303 and TW-306, monitor well D-15, and extraction well EX-7. The PAL for TCE was exceeded in the groundwater samples collected from monitor wells MW-2005, TW-3 and D-18 and extraction well EX-1. No TCE was detected in the groundwater samples collected from temporary monitor well TW-304 and TW-305 and monitor well MW-2004 during this reporting period.

A comparison of the 2003 analytical results to the 2004 analytical results reveal the following trends for TCE:

- ◆ The TCE concentration in monitor well D-18 decreased from 20 ug/L in 2003 to 1.9 ug/L in 2004.
- ◆ No TCE was detected in the groundwater samples collected from monitor well MW-2004 in 2003 and 2004. TCE has not been detected in MW-2004 since the July 1998 sampling round.
- ◆ The TCE concentration in monitor well MW-2005 increases slightly from 0.87 ug/L in 2003 to 1.3 ug/L in 2004.
- ◆ TCE impacts in monitor well D-15 showed no significant change in concentrations between 2003 and 2004 (39 to 29 ug/L in 2003 and 36 ug/L in 2004).
- ◆ TCE concentrations in monitor well TW-3 also showed no significant change between 2003 and 2004 (2.6 to 2.0 ug/L in 2003 and 2.6 ug/L in 2004).
- ◆ TCE concentrations in the groundwater samples collected from extraction well EX-7 showed a slight increase from 26 to 30 ug/L in 2003 to 36 ug/L in 2004.

PCE: The Chapter NR 140 ES for PCE (5.0 ug/L) was exceeded in the groundwater samples collected from monitor wells MW-2005 and D-15 and extraction well EX-7. The PAL of 0.5 ug/L for PCE was exceeded in groundwater samples collected from temporary monitor well TW-306, monitor wells TW-3 and D-18 and extraction well EX-1.

A comparison of the 2003 analytical results to the 2004 analytical results reveal the following trends for PCE:

- ◆ PCE concentrations in monitor well D-18 decreased from 9.1 ug/L in 2003 to 3.4 ug/L in 2004.
- ◆ No PCE was detected in the groundwater samples collected from monitor well MW-2004 in 2003 and 2004. PCE has not been detected in MW-2004 since the August 1996 sampling round.
- ◆ PCE impacts in monitor well MW-2005 increased from 6.0 ug/L in 2003 to 17 ug/L in 2004.
- ◆ PCE concentrations in monitor well D-15 increased slightly from 11 to 7.5 ug/L in 2003 to 18 ug/L in 2004.
- ◆ PCE concentrations in monitor well TW-3 showed little change between 2003 (2.8 to 2.5 ug/L) and 2004 (2.6 ug/L).
- ◆ Reported PCE concentrations in extraction well EX-7 were at similar levels between the two 2003 sampling rounds (no detection to 20 ug/L) and the September 2004 sampling round (25 ug/L).

CONCLUSIONS AND RECOMMENDATIONS

Conclusions

Groundwater

Significant reductions in VOC impacts at site monitor wells have been observed since the remedial action began. While VOC removal from the dual SVE/GWE wells in the CSES and SES areas was stopped in 2003, hydraulic control of the contaminant plume is maintained by pumping from the seven groundwater extraction wells located on the Delavan facility property (EX-1, EX-2R, EX-3, EX-4, ES-5, EX-6 and EX-7).

Soil

The analytical data from the soil sampling round conducted in the former sump source area on October 8, 2004 indicate soil impacts above generic and site-specific performance standards remain in the vicinity of the former location of the sump. However, based on the analytical results for the soil samples collected from the former sump area in 2003 and 2004 and the estimated volume of impacted soil, less than five pounds of VOC impacts remain in the soil above the water table in this area.

Recommendations

SVE System in the Former Sump Area

The analytical data obtained from the soil sampling round conducted in October 2004 confirmed the results from the 2003 sampling rounds and show that there is less than five pounds of VOC

impacts remaining in the soil above the water table in the former sump area. Because it is estimated that less than five pounds of VOC impacts remain in the soil above the water table in the former sump area, it is recommended that SVE in the former sump area be permanently discontinued and the SVE wells be decommissioned. Operation of the SVE system in the former sump area to address the small amount of residual VOC impacts remaining in the soil above the water table is not practical.

Dual SVE/GWE Systems in the CSES and SES Areas

It is recommended that groundwater extraction from the dual SVE/GWE wells in the CSES and SES areas be permanently discontinued and that the dual SVE/GWE wells in both areas be decommissioned. The groundwater investigation conducted in the CSES and SES areas during the 2003 reporting period and the analytical results for the groundwater samples collected in 2004 from the temporary monitor wells located in and downgradient of the SES area indicate TCE is the only contaminant present in the groundwater at concentrations above applicable Chapter NR140 ESs in both areas. The existing groundwater extraction wells that are operating on the Pentair Water Delavan facility (EX-1, EX-2R, ES-3, EX-4, EX-5, EX-6 and EX-7) will capture the residual TCE impacts in the CSES and SES areas before they migrate off-site.

Groundwater Monitoring

One additional round of groundwater samples will be collected from the temporary monitor wells located in and around the SES area in 2005. The analytical data from the 2005 sampling round will be compared to the analytical data from previous sampling rounds. If the analytical data from the 2005 sampling round indicate TCE concentrations in the groundwater in the vicinity of the SES area still exceed the Chapter NR140 ES of 5.0 ug/L, a new water table monitor well will be installed at the location of the temporary well that has the highest VOC impacts. The new water table monitor

well will be used to monitor the residual groundwater impacts in the SES area. The temporary monitor wells will then be decommissioned and well abandonment forms will be completed for each temporary monitor well.

The new water table monitor well will be installed and developed in accordance with Chapter NR141 of the Wisconsin Administrative Code and the well will be added to the groundwater monitoring program for the Pentair Water Delavan facility. Groundwater samples will be collected semi-annually from the new monitor well and submitted for laboratory analyses of TCE, TCA and PCE. The revised monitoring program is presented on Table 5.

FIGURES

- Figure 1. Site Layout and total VOC concentrations for Site Groundwater Monitoring Points
- Figure 2. Plant 1 Trichloroethene (TCE) Concentration Changes
- Figure 3. Plant 1 1,1,1-Trichloroethane (TCA) Concentration Changes
- Figure 4. Plant 1 Total VOC Concentration Changes
- Figure 5. Plant 2 Trichloroethene (TCE) Concentration Changes
- Figure 6. Plant 2 1,1,1-Trichloroethane (TCA) Concentration Changes
- Figure 7. Plant 2 Tetrachloroethene (PCE) Concentration Changes
- Figure 8. Plant 2 Total VOC Concentration Changes

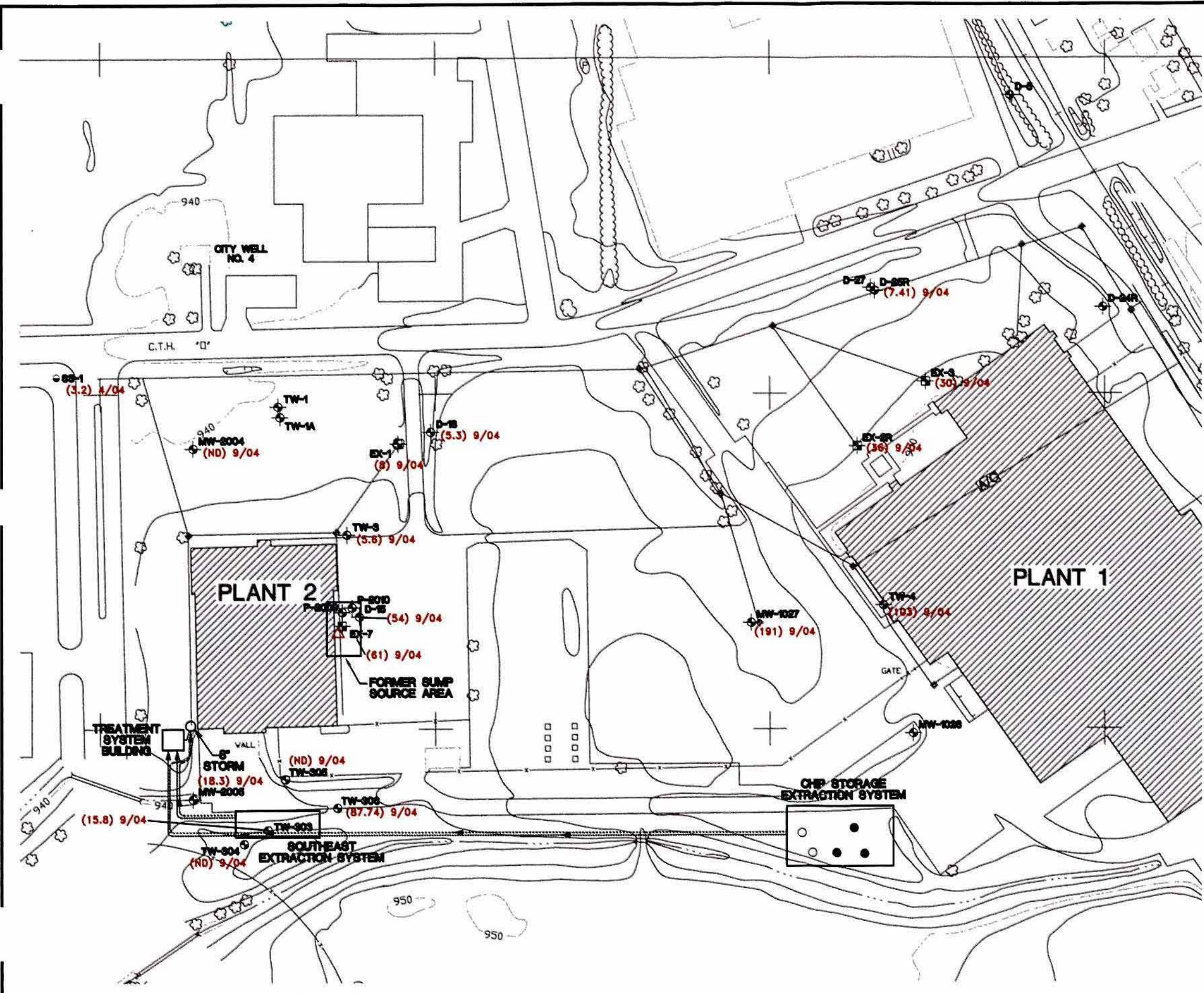
TABLES

- Table 1. Summary of Soil Sample Analytical Results, Sump Area Investigation
- Table 2. Summary of Groundwater Monitoring Analytical Results
- Table 3. Summary of Groundwater Analytical Results from CSES and SES Areas Groundwater Investigation
- Table 4. Site-Specific and Generic Soil Performance Standards for Former Sump Source Area
- Table 5. Proposed Groundwater Monitoring Program

APPENDICES

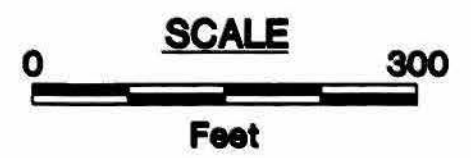
- Appendix A. Soil Sample Analytical Results
- Appendix B. Groundwater Monitoring Analytical Results.
- Appendix C. Soil Boring Logs and Borehole Abandonment Forms
- Appendix D. Calculations

FIGURES



EXPLANATION

- APPROXIMATE LOCATION OF GEOPROBE BORING
- MW-2004 MONITOR WELL LOCATION AND DESIGNATION
- EX-3 EXTRACTION WELL LOCATION AND DESIGNATION
- SS-1 STORM SEWER SAMPLE LOCATION AND DESIGNATION
- P-2009 PIEZOMETER LOCATION AND DESIGNATION
- TW-303 TEMPORARY MONITOR WELL LOCATION AND DESIGNATION
- SURVEYED EXTRACTION WELL LOCATION AND DESIGNATION
- APPROXIMATE LOCATION OF DUAL EXTRACTION WELL (NOT SURVEYED)
- (191) 9/04 TOTAL VOCs CONCENTRATION (ug/L) FROM APRIL 2004 (4/04) OR SEPTEMBER 2004 (9/04) SAMPLING ROUND
- (ND) NO VOCs DETECTED



| | |
|---|----------------|
| STA-RITE INDUSTRIES, INC. DELAVAN, WISCONSIN SITE LAYOUT AND TOTAL VOCs CONCENTRATIONS FOR GROUNDWATER MONITORING POINTS | DATE: 2/21/05 |
| | DESIGNED: HJW |
| GeoTrans, Inc. <small>A TETRA TECH COMPANY</small> | CHECKED: MAM |
| | APPROVED: MAM |
| | DRAWN: HJW |
| | PROJ: 4188.002 |

Figure 1

BASE MAP FROM AREO-METRIC ENGINEERING, 4/16/88.

Figure 2. Plant 1 Trichloroethene (TCE) Concentration Changes
 ES = 5 ug/L, PAL = 0.5 ug/L

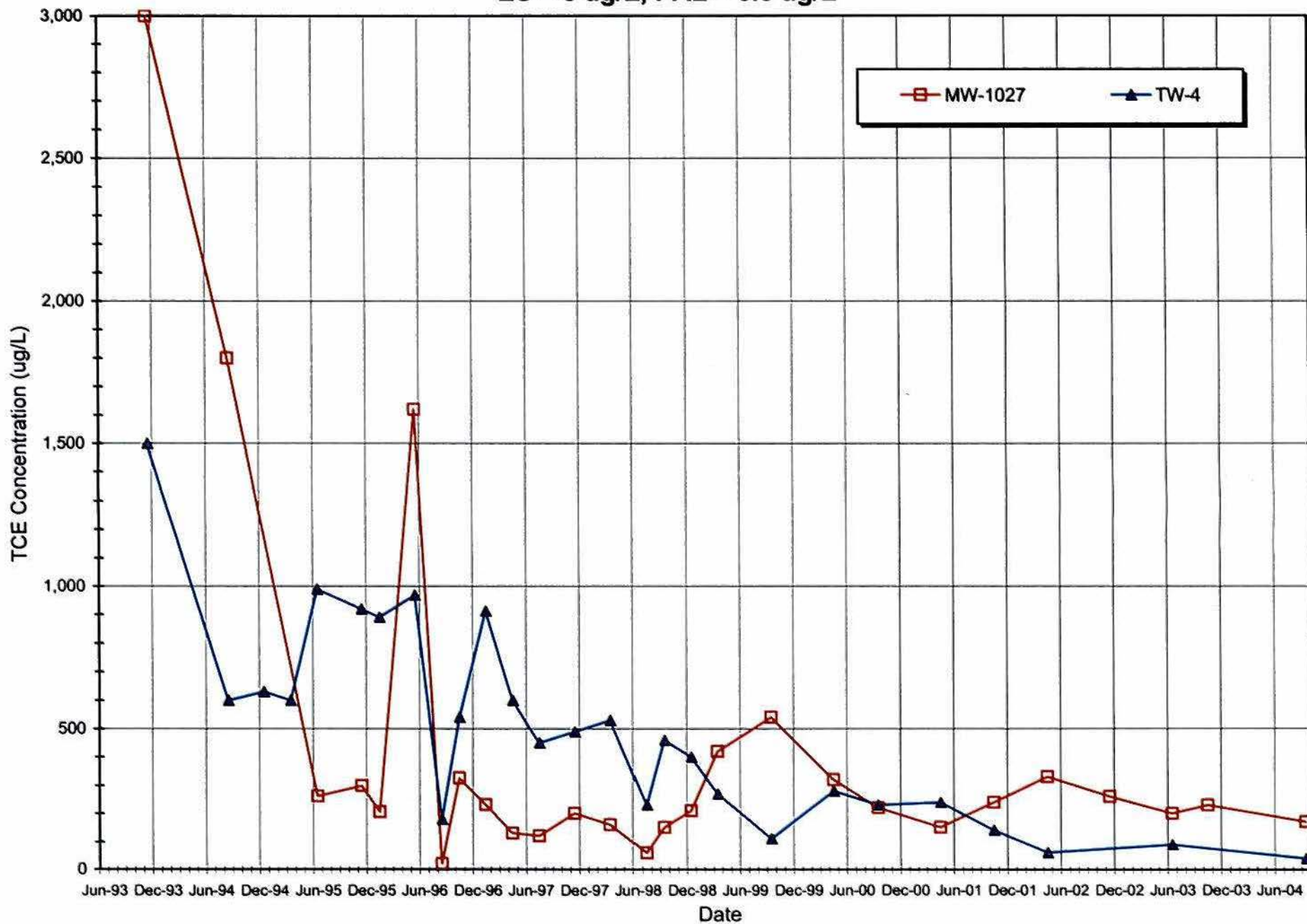


Figure 3. Plant 1 1,1,1-Trichloroethane (TCA) Concentration Changes
ES = 200 ug/L, PAL = 40 ug/L

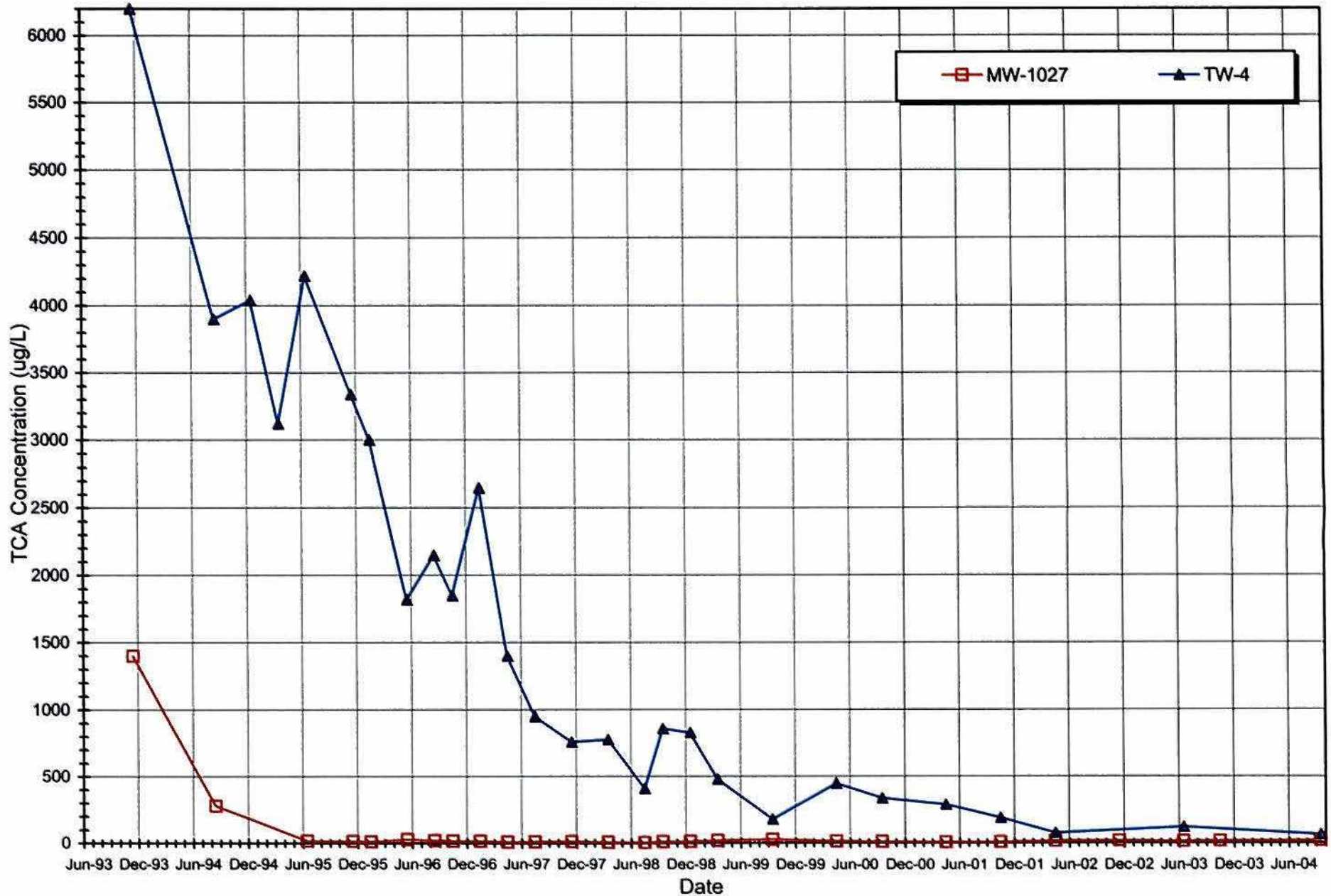


Figure 4. Plant 1 Total VOC Concentration Changes

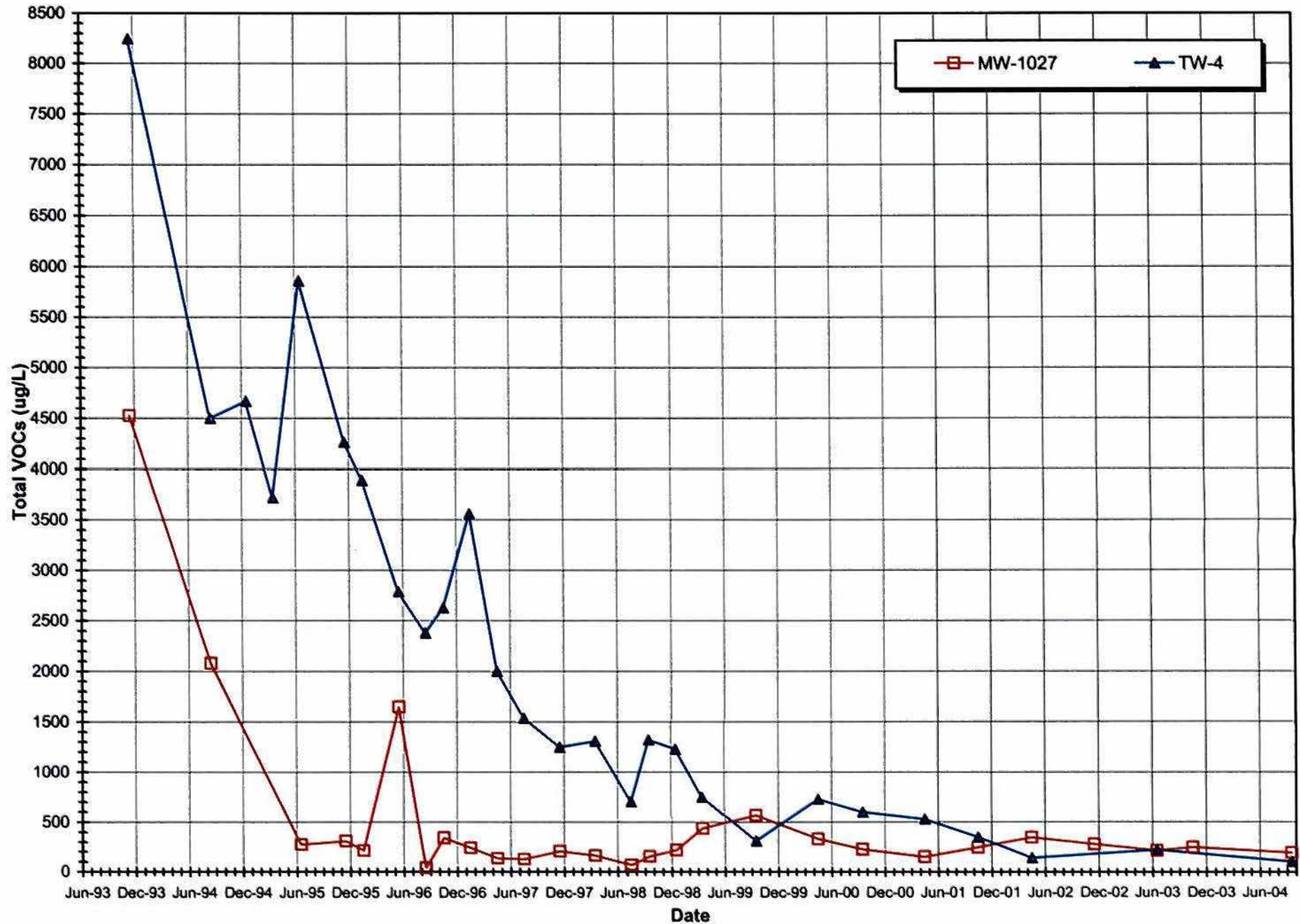


Figure 5. Plant 2 Trichloroethene (TCE) Concentration Changes
ES = 5 ug/L, PAL = 0.5 ug/L

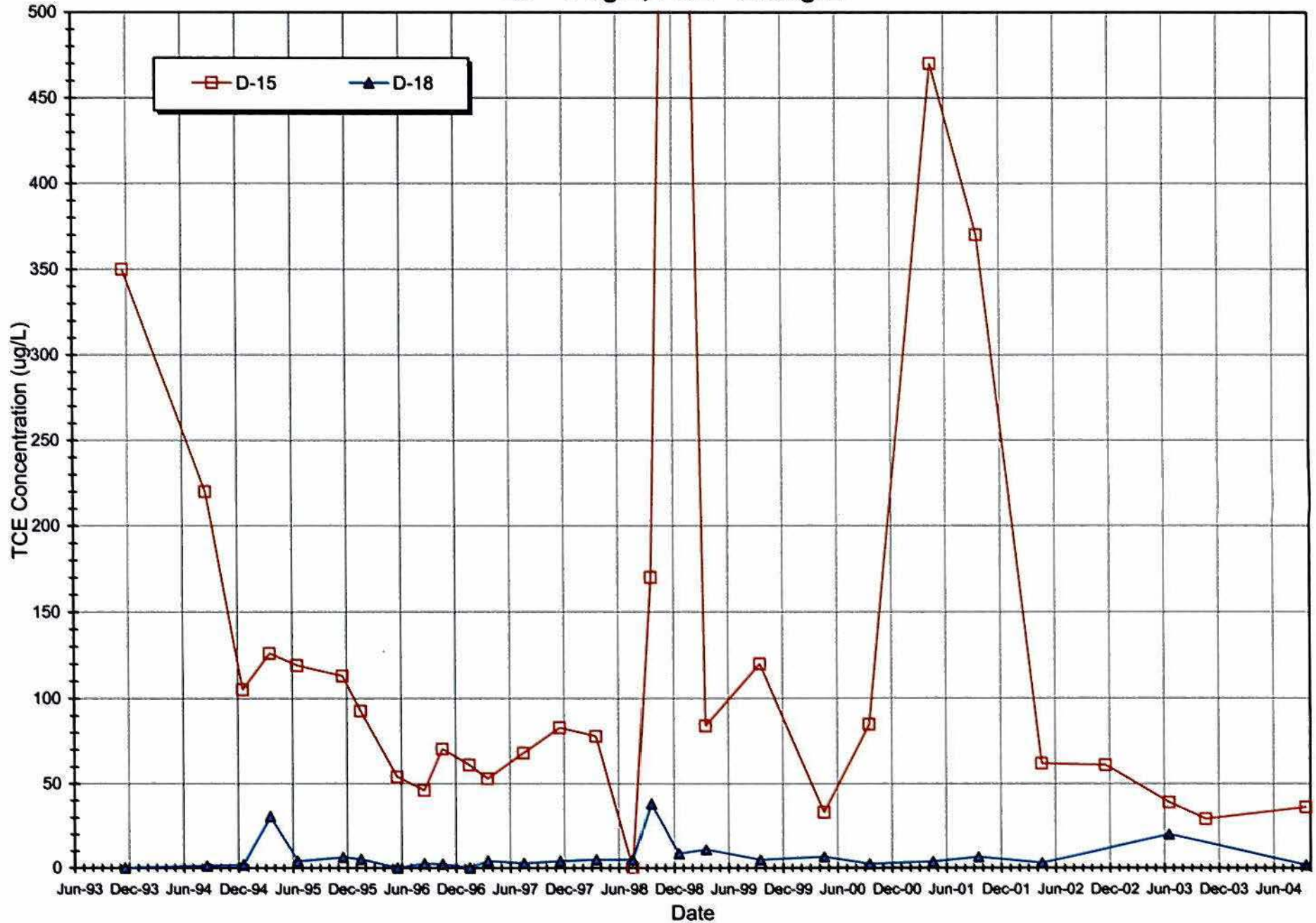


Figure 6. Plant 2 1,1,1-Trichloroethane (TCA) Concentration Changes
ES = 200 ug/L, PAL = 40 ug/L

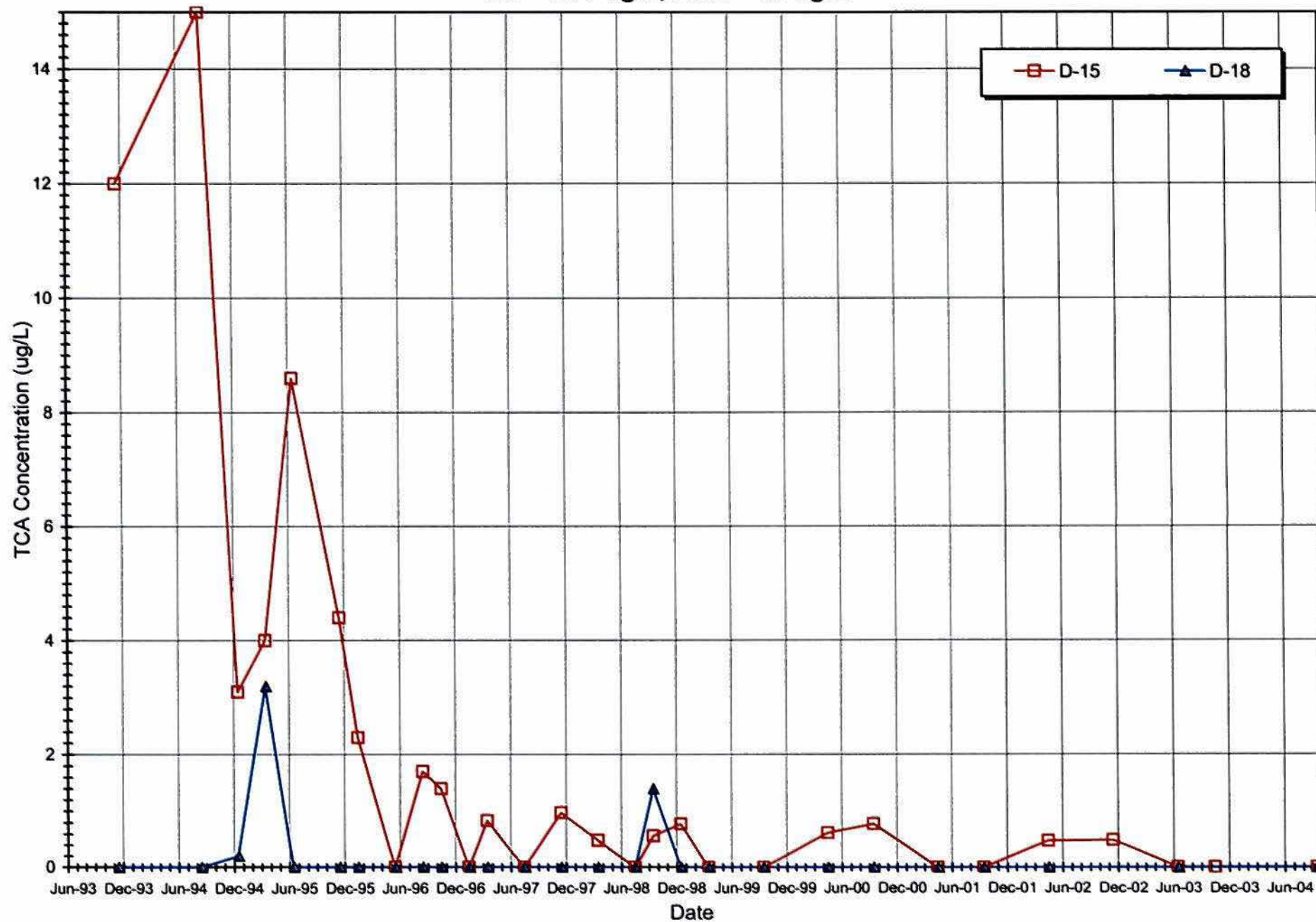


Figure 7. Plant 2 Tetrachloroethene (PCE) Concentration Changes
ES = 5 ug/L, PAL = 0.5 ug/L

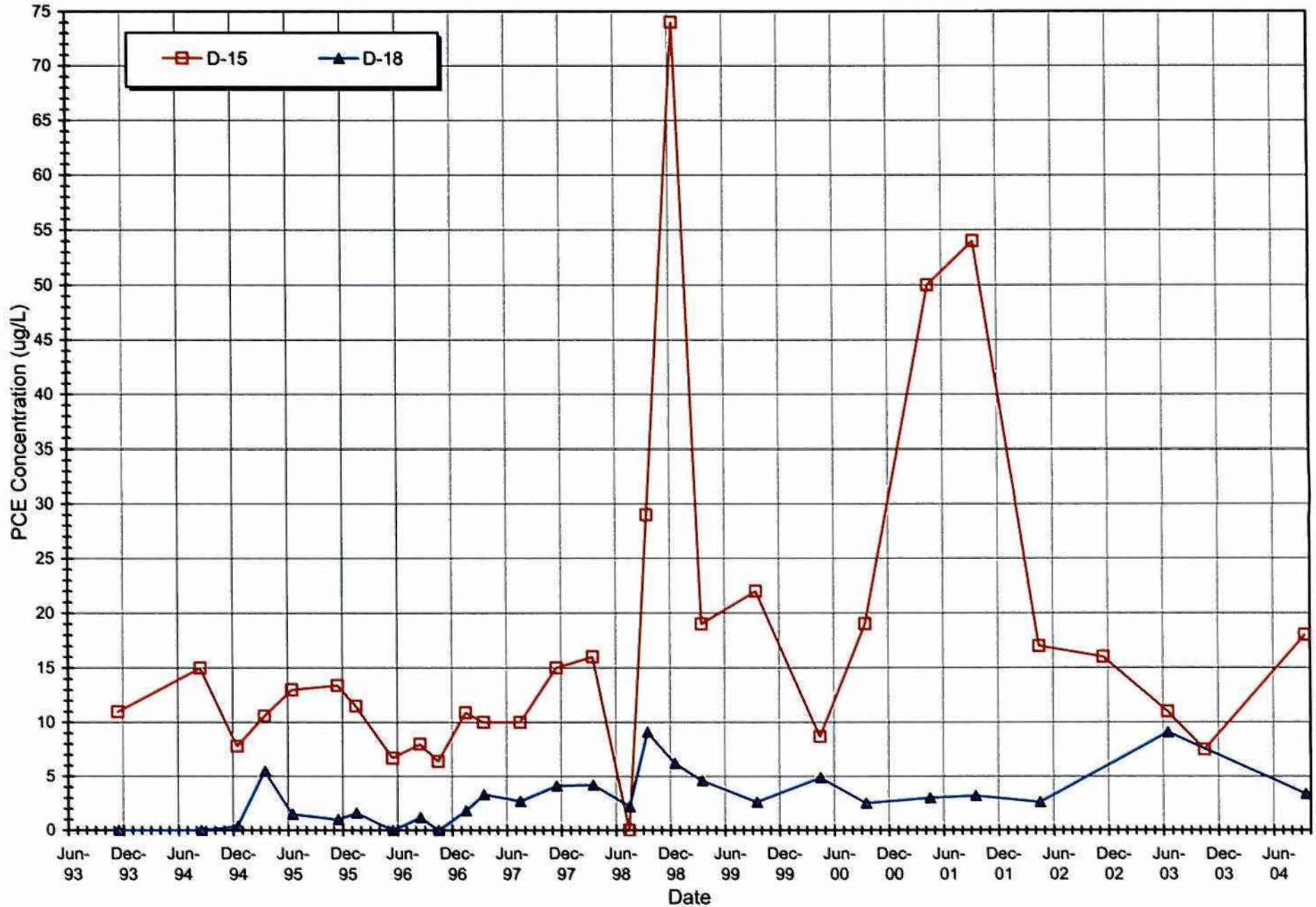
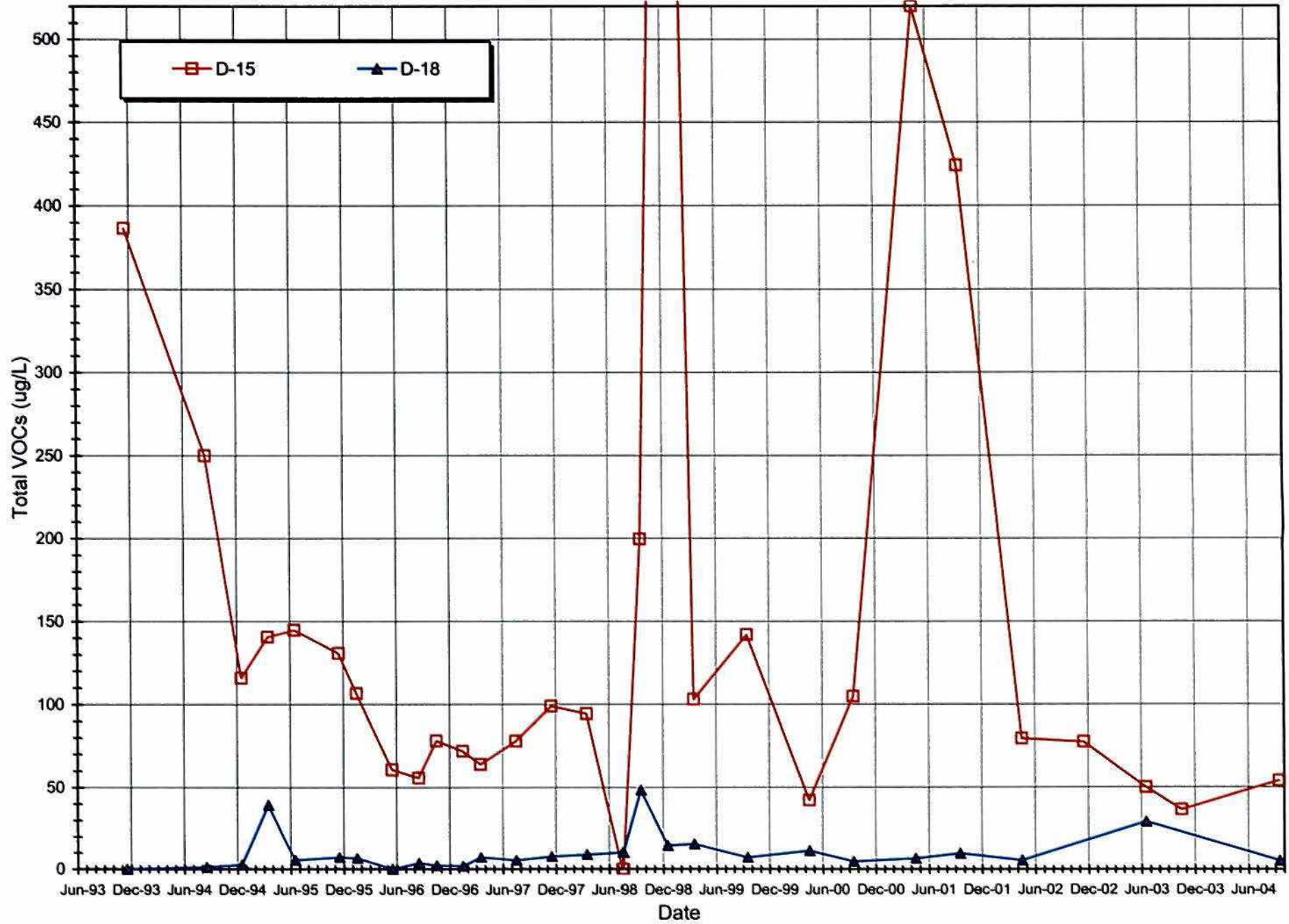


Figure 8. Plant 2 Total VOC Concentration Changes



TABLES

Table 1. Summary of Soil Sample Analytical Results, Sump Area Investigation
 Sta-Rite Industries, Delavan Wisconsin

| Sample ID | Depth (ft) | Sample date | Trichloroethene | Tetrachloroethene | cis-1,2-dichloroethene | 1,1,2,2-Tetrachloroethane | 1,1,1-Trichloroethane | Bromomethane | Ethylbenzene | Toluene | Xylenes | sec-Butylbenzene | Isopropylbenzene | p-Isopropyltoluene | Naphthalene | n-Propylbenzene | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Methylene chloride | TOTAL VOCs |
|---|------------|-------------|-----------------|-------------------|------------------------|---------------------------|-----------------------|--------------|--------------|---------|---------|------------------|------------------|--------------------|-------------|-----------------|------------------------|------------------------|--------------------|------------|
| (Soil samples collected adjacent to former location of sump.) | | | | | | | | | | | | | | | | | | | | |
| SB-2008A | 16 | 10/30/97 | 177000 | 33100 | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | 210100 |
| SB-2008B | 16 | 10/23/98 | 333000 | 139000 | | | | | 43000 | 3800 | 144000 | 8600 | 5600 | 9000 | 6000 | 9400 | 72000 | 21000 | 13000 | 807400 |
| SB-7C | 16 | 01/13/99 | 26000 | 26000 | 1950 | <270 | <270 | <270 | 444 | <270 | 1520 | <270 | <270 | 390 | <270 | <270 | <270 | <270 | 390 | 56694 |
| SB-16 | 16 | 04/02/99 | 16400 | 6990 | <27 | <27 | <27 | <27 | 142 | 120 | 601 | <27 | <27 | <27 | <27 | <27 | 69 | 40 | <55 | 24362 |
| SB-2008-16 | 16 | 08/12/99 | 228 | 130 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 358 |
| SB-2008-16 | 16 | 10/05/99 | 2770 | 736 | 1070 | <27 | <27 | <27 | <27 | <27 | <37 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 4576 |
| SB-2008-16 | 16 | 12/20/99 | 36500 | 20600 | 9800 | <250 | <250 | <250 | <250 | <250 | <250 | <250 | <250 | <250 | <250 | <250 | <250 | <250 | <250 | 66900 |
| SB-SumpE-16 | 16 | 03/21/00 | 44 | 95 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 139 |
| SB-SumpE-16 | 16 | 12/13/00 | 67 | 89 | 76 | <27 | <27 | <27 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 232 |
| SB-SumpE-16 | 16 | 03/29/01 | 84 | 52 | 443 | <27 | <27 | <27 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 652 |
| SB-SumpE-16 | 16 | 01/07/02 | 227 | 227 | 486 | <27 | <27 | <108 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 940 |
| SB-SumpE-16 | 16 | 07/25/02 | 315 | 369 | 293 | <27 | <27 | 347 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 1324 |
| SumpE-16 | 16 | 09/16/03 | <27 | 85 | 915 | <27 | <27 | <106 | 202 | <27 | 383 | <27 | <27 | 30 | <27 | <27 | 117 | 160 | 95 | 1987 |
| SB-SumpE-16 | 16 | 12/22/03 | <27 | 195 | 227 | <27 | <27 | <108 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 422 |
| SB-SumpE-16 | 16 | 10/08/04 | 131 | 69 | <31 | <31 | 229 | <120 | <31 | 31 | <41 | <31 | <31 | <31 | <31 | <31 | <31 | <31 | <60 | 460 |
| (Soil samples collected adjacent to former location of sump.) | | | | | | | | | | | | | | | | | | | | |
| SB-2008A | 20 | 10/30/97 | 10500 | 8470 | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | 18970 |
| SB-2008B | 20 | 10/23/98 | 4100 | 59000 | 680 | <250 | <250 | <250 | 2700 | <250 | 2700 | 2200 | 2200 | 2800 | 750 | 3300 | 16000 | 5500 | 1200 | 103130 |
| SB-7C | 20 | 01/13/99 | 488 | 1520 | 433 | <54 | <54 | <54 | <54 | <54 | <76 | <54 | <54 | <54 | <54 | <54 | <54 | <54 | <110 | 2441 |
| SB-20 | 20 | 04/02/99 | 543 | 4230 | <54 | <54 | <54 | <54 | <54 | <54 | <76 | <54 | <54 | <54 | <54 | <54 | <54 | <54 | <110 | 4773 |
| SB-2008-20 | 20 | 08/12/99 | 678 | 431 | 474 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 1583 |
| SB-2008-20 | 20 | 10/05/99 | 542 | 11900 | 336 | <27 | <27 | <27 | <27 | <27 | 55 | 293 | 34 | 66 | <27 | <27 | 1300 | 738 | <53 | 15264 |
| SB-2008-20 | 20 | 12/20/99 | 118 | 121 | 106 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | 345 |
| SB-SumpE-20 | 20 | 03/21/00 | 547 | 94 | 1180 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 1821 |
| SB-SumpE-20 | 20 | 12/13/00 | 275 | 265 | 445 | <26 | <26 | <26 | <26 | <26 | <37 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | 985 |
| SB-SumpE-20 | 20 | 03/29/01 | 248 | 585 | 404 | <27 | <27 | <27 | <27 | <27 | <37 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 85 | 1322 |
| SB-SumpE-20 | 20 | 01/07/02 | <27 | 127 | 106 | <27 | <27 | <106 | <27 | <27 | 37 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 270 |
| (Soil samples collected adjacent to former location of sump.) | | | | | | | | | | | | | | | | | | | | |

Table 1. Summary of Soil Sample Analytical Results, Sump Area Investigation
Sta-Rite Industries, Delavan Wisconsin

| | Units | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | ug/kg | | | | | |
|---|------------|-------------|-----------------|-------------------|------------------------|---------------------------|-----------------------|--------------|--------------|---------|---------|------------------|------------------|--------------------|-------------|-----------------|------------------------|------------------------|--------------------|------------|------|-----|-----|------|---------|
| Sample ID | Depth (ft) | Sample date | Trichloroethene | Tetrachloroethene | cis-1,2-dichloroethene | 1,1,2,2-Tetrachloroethane | 1,1,1-Trichloroethane | Bromomethane | Ethylbenzene | Toluene | Xylenes | sec-Butylbenzene | Isopropylbenzene | p-Isopropyltoluene | Naphthalene | n-Propylbenzene | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Methylene chloride | TOTAL VOCs | | | | | |
| SB-SumpE-20 | 20 | 07/25/02 | <27 | 366 | 90 | <27 | <27 | <108 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 43 | <27 | 82 | 581 | |
| SumpE-20 | 20 | 09/16/03 | <130 | 3680 | 347 | <130 | <130 | <542 | <130 | <130 | <195 | 206 | <130 | 325 | <130 | <130 | 152 | <130 | <271 | <271 | 4710 | | | | |
| SumpE-20 Dup | 20 | 09/16/03 | <129 | 5160 | 408 | <129 | <129 | <537 | <129 | <129 | <193 | 290 | <129 | 451 | <129 | <129 | 215 | <129 | <269 | <269 | 6524 | | | | |
| SB-SumpE-20 | 20 | 12/22/03 | 39 | 436 | 100 | <27 | <27 | <109 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <54 | 575 | |
| SB-SumpE-20 | 20 | 10/08/04 | 758 | 163 | <27 | <27 | <27 | <108 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <54 | 921 | |
| SB-2008-24 | 24 | 10/05/99 | 48800 | 40100 | 1410 | <270 | <270 | <270 | 4330 | <270 | 7800 | 1730 | 1010 | 3900 | 867 | 1300 | 3900 | 4120 | 3680 | | | | | | 122947 |
| SB-2008-24 | 24 | 12/20/99 | 2840 | 92800 | <500 | <500 | <500 | <500 | 1470 | <500 | 11500 | 1710 | <500 | 3940 | <500 | <500 | 1050 | 1810 | <500 | <500 | | | | | 117120 |
| SB-SumpE-24 | 24 | 03/21/00 | 67200 | 95400 | 4010 | <680 | <680 | <680 | <680 | 1190 | 61800 | 3250 | <680 | 3580 | 4340 | 5100 | 28200 | 8350 | 1740 | | | | | | 284160 |
| SB-SumpE-24 | 24 | 12/13/00 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <55 | 0 |
| SB-SumpE-24 | 24 | 03/29/01 | <27 | <27 | 2030 | <27 | <27 | <27 | <27 | <27 | <37 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 90 | 2120 | |
| SB-SumpE-24 | 24 | 01/07/02 | <132 | <132 | 242 | <132 | <132 | <549 | 6370 | <132 | 9560 | 2750 | 1980 | 5490 | 1540 | 1760 | 12100 | 6040 | <275 | | | | | | 47832 |
| SB-SumpE-24 | 24 | 07/25/02 | 2780 | 214000 | <1280 | <1280 | <1280 | <5340 | 8330 | <1280 | 34200 | 2350 | <1280 | 5130 | 1710 | <1280 | 7690 | 7160 | <2670 | | | | | | 283350 |
| SumpE-24 | 24 | 09/16/03 | 110 | 305 | 90 | <27 | <27 | <108 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | 30 | <27 | <54 | | | | | | 535 |
| SumpE-24 | 24 | 10/08/04 | 107 | 666 | 88 | <27 | <27 | <107 | <27 | <27 | <38 | 92 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <54 | 953 | |
| SB-2008 | 26 | 09/10/91 | <8,200 | <23,000 | | | | | | | | | | | | | | | | | | | | | 0 |
| SB-2008A | 26 | 10/30/97 | 108000 | 1290000 | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | 1398000 |
| SB-2008B | 26 | 10/23/98 | 1400 | 19000 | <250 | <250 | <250 | <250 | <250 | <250 | 430 | <250 | <250 | 1800 | 550 | <250 | 790 | <250 | <500 | | | | | | 23970 |
| SB-7C | 26 | 01/13/99 | 61000 | 47100 | <1,500 | <1,500 | <1,500 | <1,500 | 5030 | <1,500 | 11800 | <1,500 | <1,500 | <1,500 | <1,500 | <1,500 | 5030 | 1820 | <2,600 | | | | | | 131780 |
| SB-26 | 26 | 04/02/99 | 2620 | 48000 | <27 | <27 | <27 | <27 | 3160 | <27 | 9050 | 1850 | 927 | 3600 | 676 | 1200 | 7520 | 3270 | <55 | | | | | | 81873 |
| SB-2008-26 | 26 | 08/12/99 | 863000 | 64400 | <1,290 | <1,290 | <1,290 | <1,290 | 41900 | 4510 | 105000 | <1,290 | 4400 | <1,290 | 4830 | 5050 | 31100 | 10200 | <2,690 | | | | | | 1134390 |
| SB-2008-26 | 26 | 10/05/99 | 130000 | 66300 | 6860 | <120 | <120 | <120 | 18600 | <580 | 45300 | 3140 | 3490 | 4880 | 3370 | 4070 | 20900 | 9650 | <120 | | | | | | 316560 |
| SB-2008-26 | 26 | 12/20/99 | 1770 | 117000 | <500 | <500 | <500 | <500 | 2530 | <500 | 20680 | 3190 | 1620 | 4180 | 993 | <500 | 15500 | 8630 | <500 | | | | | | 176093 |
| SB-SumpE-26 | 26 | 03/21/00 | 605000 | 109000 | 19600 | <2700 | <2700 | <2700 | 58700 | 6300 | 120000 | 4130 | 5760 | 4460 | 5430 | 6960 | 33700 | 9130 | <2700 | | | | | | 988170 |
| SB-SumpE-26 | 26 | 12/13/00 | 218 | 163 | 272 | <27 | <27 | <27 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <54 | 653 | |
| SB-SumpE-26 | 26 | 03/29/01 | <129 | <129 | 332 | <129 | <129 | <129 | 4390 | <129 | 2470 | 1500 | 2410 | 2360 | 1390 | 2890 | 15000 | 943 | <268 | | | | | | 33685 |
| (Soil samples collected adjacent to former location of sump.) | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB-SumpE-26 | 26 | 01/07/02 | <276 | <276 | 1870 | <276 | <276 | <1100 | 13200 | <276 | 48500 | 3530 | 2210 | 4960 | 3310 | 2980 | 28700 | 12100 | <551 | | | | | | 121360 |

Table 1. Summary of Soil Sample Analytical Results, Sump Area Investigation
 Sta-Rite Industries, Delavan Wisconsin

| Sample ID | Depth (ft) | Sample date | Trichloroethene | Tetrachloroethene | cis-1,2-dichloroethene | 1,1,2,2-Tetrachloroethane | 1,1,1-Trichloroethane | Bromomethane | Ethylbenzene | Toluene | Xylenes | sec-Butylbenzene | Isopropylbenzene | p-Isopropyltoluene | Naphthalene | n-Propylbenzene | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Methylene chloride | TOTAL VOCs | |
|--|------------|-------------|-----------------|-------------------|------------------------|---------------------------|-----------------------|--------------|--------------|---------|---------|------------------|------------------|--------------------|-------------|-----------------|------------------------|------------------------|--------------------|------------|------|
| SB-SumpE-26 | 26 | 07/25/02 | 203 | 16100 | 6000 | <128 | <128 | <535 | 19300 | <128 | 38500 | 2030 | 2890 | 3000 | 3210 | 3320 | 19300 | 6210 | 289 | 120352 | |
| SumpE-26 | 26 | 09/16/03 | 66 | 377 | 32 | <27 | <27 | <108 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <54 | 475 | |
| SumpE-26 | 26 | 10/04/04 | 172 | 2050 | 108 | <30 | 129 | <118 | 85 | <30 | <41 | 205 | 58 | <30 | <30 | <30 | <30 | <30 | 74 | <59 | 2881 |
| SB-2008-28 | 28 | 12/20/99 | 442000 | 53800 | <1250 | <1250 | <1250 | <1250 | 25600 | 2760 | 107600 | 3820 | 3850 | 4730 | 3870 | 4940 | 37000 | 10700 | <1250 | 700670 | |
| SB-SumpE-28 | 28 | 03/21/00 | 1100000 | 123000 | <14000 | <14000 | <14000 | <14000 | 74900 | <14000 | 154000 | <14000 | <14000 | <14000 | <14000 | <14000 | 40700 | <14000 | <28000 | 1492600 | |
| SB-SumpE-28 | 28 | 12/13/00 | <130 | <130 | 3680 | <130 | <130 | <130 | 14100 | <130 | 32400 | 3350 | 1730 | 6490 | 1070 | 1190 | 8540 | 8860 | <270 | 81410 | |
| SB-SumpE-28 | 28 | 03/29/01 | 178000 | 99600 | 67100 | <2620 | <2620 | <2620 | 82800 | 6390 | 273000 | 6810 | 8600 | 7970 | 9010 | 8910 | 61800 | 18900 | <2620 | 828890 | |
| SB-SumpE-28 | 28 | 01/07/02 | 929000 | 162000 | 90700 | <13000 | <13000 | <54000 | 75600 | <13000 | 162000 | <13000 | <13000 | <13000 | <13000 | <13000 | 50800 | 17300 | <27000 | 1487400 | |
| SB-SumpE-28 | 28 | 07/25/02 | 829 | 39800 | 2580 | 57 | <27 | <108 | 1510 | <27 | 1290 | 452 | 538 | 355 | 388 | 657 | 2370 | 1180 | <54 | 52006 | |
| SumpE-28 | 28 | 09/16/03 | 118 | 785 | 108 | <27 | <27 | <108 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <54 | 1011 | |
| SumpE-28 | 28 | 10/08/04 | 3740 | 1930 | 1030 | <27 | <27 | <107 | 321 | <27 | <38 | 44 | 43 | <27 | 28 | <27 | 171 | 100 | <53 | 7407 | |
| (Soil samples collected from east end of former sump source area.) | | | | | | | | | | | | | | | | | | | | | |
| SB-SumpE-16 | 16 | 10/05/99 | 64 | 205 | 205 | <27 | <27 | <27 | <27 | <27 | 140 | <27 | <27 | <27 | <27 | <27 | 33 | <27 | <53 | 647 | |
| SB-SumpE-16 | 16 | 12/20/99 | 57 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | 57 | |
| SB-2008-16 | 16 | 03/21/00 | 85 | 86 | 32 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 183 | 386 | |
| SB-2008-16 | 16 | 12/13/00 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <37 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <53 | 0 | |
| SB-2008-16 | 16 | 03/29/01 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <37 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <53 | 0 | |
| SB-SumpE-20 | 20 | 10/05/99 | <140 | <140 | 268 | <140 | <140 | <140 | <140 | <140 | 1010 | <140 | <140 | 2460 | 257 | <140 | 771 | 1610 | 503 | 6879 | |
| SB-SumpE-20 | 20 | 12/20/99 | 2780 | 609 | <25 | <25 | <25 | <25 | 156 | 29 | 674 | 31 | 30 | 35 | 29 | 34 | 214 | 77 | <25 | 4698 | |
| SB-2008-20 | 20 | 03/21/00 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | 105 | 105 | |
| SB-2008-20 | 20 | 12/13/00 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <37 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <53 | 0 | |
| SB-2008-20 | 20 | 03/29/01 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <37 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 62 | 62 | |
| (Soil samples collected from east end of former sump source area.) | | | | | | | | | | | | | | | | | | | | | |
| SB-SumpE-24 | 24 | 10/05/99 | <280 | <280 | 2810 | <280 | <280 | <280 | 819 | <280 | 5050 | 505 | 382 | 3480 | 505 | 393 | 1910 | 3590 | 932 | 20376 | |
| SB-SumpE-24 | 24 | 12/20/99 | 32 | 37 | 51 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | 161 | 281 | |

Table 1. Summary of Soil Sample Analytical Results, Sump Area Investigation
Sta-Rite Industries, Delavan Wisconsin

| Sample ID | Depth (ft) | Sample date | Trichloroethene | Tetrachloroethene | cis-1,2-dichloroethene | 1,1,2,2-Tetrachloroethane | 1,1,1-Trichloroethane | Bromomethane | Ethylbenzene | Toluene | Xylenes | sec-Butylbenzene | Isopropylbenzene | p-Isopropyltoluene | Naphthalene | n-Propylbenzene | 1,2,4-Trimethylbenzene | 1,3,5-Trimethylbenzene | Methylene chloride | TOTAL VOCs | |
|-------------|------------|-------------|-----------------|-------------------|------------------------|---------------------------|-----------------------|--------------|--------------|---------|---------|------------------|------------------|--------------------|-------------|-----------------|------------------------|------------------------|--------------------|------------|-----|
| SB-2008-24 | 24 | 03/21/00 | <27 | 29 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <54 | 29 |
| SB-2008-24 | 24 | 12/13/00 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <36 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <51 | 0 |
| SB-2008-24 | 24 | 03/29/01 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <37 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <26 | <53 | 0 |
| SB-SumpE-26 | 26 | 10/05/99 | <140 | 130 | 1840 | <140 | <140 | <140 | 5310 | <140 | 4120 | 715 | 520 | 1080 | 1080 | 520 | 2600 | 2490 | <270 | 20405 | |
| SB-SumpE-26 | 26 | 12/20/99 | <25 | 55 | 133 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | 188 |
| SB-2008-26 | 26 | 03/21/00 | <27 | 60 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 62 | 122 |
| SB-2008-26 | 26 | 12/13/00 | <27 | 86 | <27 | <27 | <27 | <27 | <27 | <27 | <37 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 66 | 152 |
| SB-2008-26 | 26 | 03/29/01 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <37 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 75 | 75 |
| SB-SumpE-28 | 28 | 10/05/99 | 128000 | 171000 | 9840 | <1,400 | <1,400 | <1,400 | 1390 | <1,400 | 9300 | <1,400 | <1,400 | 250 | <1,400 | <1,400 | 4060 | 4170 | <1,400 | 328010 | |
| SB-SumpE-28 | 28 | 12/20/99 | 31 | 70 | 194 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | 121 | 416 |
| SB-2008-28 | 28 | 03/21/00 | 27 | 63 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <54 | 90 |
| SB-2008-28 | 28 | 12/13/00 | <27 | 95 | <27 | <27 | <27 | <27 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | 83 | 178 |
| SB-2008-28 | 28 | 03/29/01 | <27 | 30 | <27 | <27 | <27 | <27 | <27 | <27 | <38 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <27 | <54 | 30 |

Notes: HSVE was initiated August 23, 1998. Concentrations of VOCs in soil have decreased significantly since that time.
HSVE temperature was increased significantly in late August, 1999. Concentrations of VOCs in soil have increased significantly since that time, indicating additional mobilization of soil and/or groundwater impacts.

Table 2. Summary of Groundwater Monitoring Analytical Results

| WELL | DATE | PCE | 1,1,1-TCA | TCE | Vinyl Chloride | Acetone | Chloroform | 1,1-DCA | 1,2-DCA | 1,1-DCE | CIS-1,2-DCE | Methylene Chloride | 1,1,2-TCA | Total VOCs |
|--------------|----------|-------|-----------|-------|----------------|---------|------------|---------|---------|---------|-------------|--------------------|-----------|------------|
| NR 140 ES | | 5.0 | 200 | 5 | 0.2 | 1000 | 6 | 850 | 5 | 7 | 70 | 5 | 5 | |
| NR 140 PAL | | 0.5 | 40 | 0.5 | 0.02 | 200 | 0.6 | 85 | 0.5 | 0.7 | 7 | 0.5 | 0.5 | |
| Plant #1 | | | | | | | | | | | | | | |
| (SA) MW-1026 | 10/29/91 | 0.6 | 16000 | 1300 | <0.3 | <1.0 | 3 | 920 | 87 | 1,200 | 5.6 | 5.3 | 8.2 | 19541 |
| Downgradient | 10/29/91 | 1.2 | 15000 | 1300 | <0.3 | <1.0 | 2 | 850 | 76 | 1,100 | 20 | 4.6 | 7.1 | 18389.4 |
| | 12/11/91 | 1.0 | 22000 | 1500 | <0.3 | <1.0 | 3.7 | 350 | 6.1 | 1,400 | 40 | 4.3 | 10 | 25315.8 |
| | 11/11/93 | <0.5 | 4500 | 250 | <0.3 | <1.0 | <0.5 | 4.8 | <0.5 | 150 | 0.5 | <1.0 | 1 | 4906.3 |
| | 08/16/94 | <1 | 1500 | 210 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 1710 |
| | 12/13/94 | <25 | 865 | 183 | <25 | NA | NA | NA | NA | NA | NA | NA | NA | 1048 |
| | 06/21/95 | <0.34 | 41.9 | 72 | <0.27 | <1.0 | <0.28 | 7.8 | | 3 | <0.30 | NA | <0.19 | 124.7 |
| | 11/07/95 | <0.5 | <0.5 | 52.4 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 52.4 |
| | 01/25/96 | <0.5 | 49.6 | 30.8 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 80.4 |
| | 05/13/96 | <0.5 | 74.4 | 27.1 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 101.5 |
| | 08/13/96 | <0.5 | 41 | 33.1 | <0.5 | <1.0 | <0.5 | 5.5 | <1.6 | 0.5 | NA | NA | 5.6 | 86.2 |
| | 10/08/96 | <0.5 | 26.1 | 21.5 | <0.5 | <1.0 | <0.5 | 2.2 | <1.6 | 1.1 | NA | NA | 1.8 | 52.7 |
| | 01/21/97 | <0.5 | 27 | 17.1 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 44.1 |
| | 04/01/97 | <0.63 | 28 | 15 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 43 |
| | 07/23/97 | <0.63 | 22 | 11 | <0.46 | <1.0 | <0.18 | 1.8 | <0.20 | <0.73 | 0.6 | <0.87 | 1 | 36.4 |
| | 11/18/97 | <0.25 | 20 | 13 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 33 |
| | 03/23/98 | <0.63 | 15 | 10 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 25 |
| | 07/27/98 | <0.25 | 8.4 | 4.5 | <0.25 | 3.7 | <0.18 | 3.7 | <0.20 | <0.73 | 0.48 | <0.87 | 1.8 | 22.58 |
| | 09/28/98 | <0.63 | 21 | 15 | <0.46 | NA | NA | NA | NA | NA | NA | NA | 1.7 | 37.7 |
| | 12/08/98 | <0.63 | 24 | 14 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 38 |
| | 03/12/99 | <0.63 | 21 | 13 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 34 |
| 09/25/03 | <0.50 | 25 | 6.1 | <0.25 | NA | NA | NA | NA | NA | NA | NA | <0.25 | 31.1 | |
| 12/15/03 | <0.50 | 34 | 10 | <0.25 | NA | NA | NA | NA | NA | NA | NA | <0.20 | 44 | |
| (SA) MW-1027 | 10/29/91 | <0.5 | 780 | 1700 | <0.3 | <1.0 | 1 | 1.2 | <0.5 | 68 | 22 | <1 | <0.5 | 2596.3 |
| | 12/12/91 | <0.5 | 500 | 1200 | <0.3 | <1.0 | 0.5 | 0.6 | <0.5 | 35 | 11 | 0.5 | <0.5 | 1747.6 |
| | 11/11/93 | <0.5 | 1400 | 3000 | <0.3 | <1.0 | <0.5 | 3.1 | <0.5 | 100 | 24 | <1.0 | <0.5 | 4527.1 |
| | 08/17/94 | <1 | 280 | 1800 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 2080 |
| | 06/21/95 | <0.34 | 18.6 | 262 | <0.27 | <1.0 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.19 | 280.6 |
| | 11/07/95 | <0.5 | 15.8 | 299 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 314.8 |
| | 01/26/96 | <0.5 | 12.5 | 206 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 218.5 |
| | 05/13/96 | <0.5 | 29.4 | 1620 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 1649.4 |
| | 08/14/96 | <0.5 | 20 | 21.5 | <0.5 | <1.0 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 42 |
| | 10/08/96 | <0.5 | 17.3 | 326 | <0.5 | <1.0 | <0.5 | <0.5 | <1.6 | 1.5 | NA | NA | <0.5 | 344.8 |
| | 01/21/97 | <0.5 | 15.7 | 231 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 246.7 |
| | 04/01/97 | <0.63 | 8.2 | 130 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 138.2 |
| | 07/24/97 | <0.63 | 9.9 | 120 | <0.46 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | 0.26 | <0.87 | <0.15 | 130.16 |
| | 11/18/97 | <0.25 | 12 | 200 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 212 |
| | 03/23/98 | <0.63 | 7.3 | 160 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 167.3 |
| | 07/28/98 | <1.2 | 3.4 | 60 | <1.2 | <10 | <1.2 | <1.2 | <1.2 | <1.2 | <1.2 | 7.5 | <1.2 | 70.9 |
| | 09/28/98 | <0.63 | 9.6 | 150 | <0.46 | NA | NA | NA | NA | NA | NA | NA | <0.28 | 159.6 |
| | 12/08/98 | <1.3 | 12 | 210 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 222 |
| | 03/11/99 | <3.2 | 19 | 420 | <2.3 | NA | NA | NA | NA | NA | NA | NA | NA | 439 |
| | 09/02/99 | <3.2 | 28 | 540 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 568 |
| | 04/25/00 | <3.2 | 13 | 320 | <2.3 | NA | NA | NA | NA | NA | NA | NA | NA | 333 |
| (SA) MW-1027 | 09/25/00 | <3.2 | 9.4 | 220 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 229.4 |

Table 2. Summary of Groundwater Monitoring Analytical Results

| WELL | DATE | PCE | 1,1,1-TCA | TCE | Vinyl Chloride | Acetone | Chloroform | 1,1-DCA | 1,2-DCA | 1,1-DCE | CIS-1,2-DCE | Methylene Chloride | 1,1,2-TCA | Total VOCs |
|--------------|----------|-------|-----------|-------|----------------|---------|------------|---------|---------|---------|-------------|--------------------|-----------|------------|
| NR 140 ES | | 5.0 | 200 | 5 | 0.2 | 1000 | 6 | 850 | 5 | 7 | 70 | 5 | 5 | |
| NR 140 PAL | | 0.5 | 40 | 0.5 | 0.02 | 200 | 0.6 | 85 | 0.5 | 0.7 | 7 | 0.5 | 0.5 | |
| (SA) MW-1027 | 04/23/01 | <1.0 | 4.8 | 150 | <1.0 | NA | NA | NA | NA | NA | NA | NA | NA | 154.8 |
| | 10/02/01 | <1.0 | 7.5 | 240 | NA | NA | NA | NA | NA | NA | NA | NA | <1.0 | 247.5 |
| | 04/16/02 | <1.2 | 15 | 330 | NA | NA | NA | NA | NA | NA | NA | NA | <1.2 | 345 |
| | 11/19/02 | <1.2 | 17 | 260 | NA | NA | NA | NA | NA | NA | NA | NA | <1.2 | 277 |
| | 06/24/03 | <5.0 | 13 | 200 | NA | NA | NA | NA | NA | NA | NA | NA | <2.5 | 213 |
| | 10/20/03 | <0.50 | 16 | 230 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 246 |
| | 09/21/04 | <2.0 | 21 | 170 | <0.80 | NA | NA | NA | NA | NA | NA | NA | NA | 191 |
| (A) TW-4 | 11/05/91 | 0.5 | 10000 | 1100 | <0.3 | <1.0 | 4 | 61 | <0.5 | 440.0 | 50 | 2.4 | 5.6 | 11663.5 |
| | 12/12/91 | 0.6 | 11000 | 1200 | <0.3 | <1.0 | 3.7 | 93 | 3 | 680.0 | 52 | <1 | 4.5 | 13036.8 |
| | 11/11/93 | 0.8 | 6200 | 1500 | <0.3 | <1.0 | <0.5 | 26 | <0.5 | 490 | 25 | <1.0 | 3.2 | 8245 |
| | 08/17/94 | <1 | 3900 | 600 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 4500 |
| | 12/14/94 | <50 | 4040 | 630 | <50 | NA | NA | NA | NA | NA | NA | NA | NA | 4670 |
| | 03/13/95 | ND | 3120 | 600 | ND | NA | NA | NA | NA | NA | NA | NA | NA | 3720 |
| | 06/21/95 | NA | 4220 | 990 | 5.4 | <1.0 | 3.8 | 113 | | 415 | 93.6 | NA | 17.6 | 5858.4 |
| | 11/08/95 | 1.2 | 3340 | 920 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 4261.2 |
| | 01/25/96 | 1.1 | 3000 | 891 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 3892.1 |
| | 05/14/96 | 0.9 | 1820 | 969 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 2789.9 |
| | 08/14/96 | <0.5 | 2150 | 179 | <0.5 | <1.0 | <0.5 | 12 | <1.6 | 36.7 | NA | NA | 1.8 | 2379.5 |
| | 10/08/96 | 0.9 | 1850 | 541 | <0.5 | <1.0 | 1 | 36.3 | <1.6 | 196 | NA | NA | 6.3 | 2631.5 |
| | 01/21/97 | <0.5 | 2650 | 913 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 3563 |
| | 04/01/97 | 0.8 | 1400 | 600 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 2000.8 |
| | 07/23/97 | 0.7 | 950 | 450 | <0.46 | 3.4 | 0.7 | 24 | <0.20 | 66 | 36 | <0.87 | 4.4 | 1536.0 |
| | 11/18/97 | 0.8 | 760 | 490 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 1250.8 |
| | 03/23/98 | 0.7 | 780 | 530 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 1310.7 |
| | 07/27/98 | <2.5 | 410 | 230 | <2.5 | <20 | <2.5 | 13 | <2.5 | 16 | 21 | 15 | <2.5 | 705.0 |
| | 09/28/98 | <0.63 | 860 | 460 | <0.46 | NA | NA | NA | NA | NA | NA | NA | 2.8 | 1322.8 |
| | 12/05/98 | <6.3 | 830 | 400 | <4.6 | NA | NA | NA | NA | NA | NA | NA | NA | 1230 |
| | 03/11/99 | <6.3 | 480 | 270 | <4.6 | NA | NA | NA | NA | NA | NA | NA | NA | 750 |
| | 09/02/99 | <3.2 | 180 | 110 | <2.3 | NA | <0.90 | <1.2 | <1.0 | 19 | 2.0 | <4.4 | 2.4 | 313.4 |
| | 04/25/00 | <3.2 | 450 | 280 | <2.3 | NA | NA | NA | NA | NA | NA | NA | NA | 730 |
| | 09/26/00 | <6.3 | 340 | 230 | <4.6 | NA | <1.8 | 5.2 | <2.0 | 15 | 10 | <8.7 | <1.5 | 600.2 |
| | 04/23/01 | 0.60 | 290 | 240 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 530.6 |
| | 10/02/01 | <2.0 | 190 | 140 | <2.0 | NA | <2.0 | 2.1 | <2.0 | 6.8 | 3 | 8.1 | <2.0 | 350 |
| | 04/16/02 | <0.25 | 76 | 60 | <0.25 | NA | <0.25 | 1.4 | <0.25 | 2.5 | 0.76 | 0.47 | 1.5 | 142.63 |
| | 06/24/03 | <1.0 | 120 | 89 | <1.0 | NA | <0.50 | 2.1 | <1.0 | 4.7 | 3.7 | <2.0 | 1.4 | 220.9 |
| | 09/21/04 | <0.50 | 64 | 39 | <0.20 | NA | NA | NA | NA | NA | NA | NA | NA | 103 |
| D-5 | 11/04/91 | <0.5 | 7.6 | 7.8 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 15.4 |
| | 11/04/91 | <0.5 | 8.8 | 8.3 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 17.1 |
| | 12/16/91 | <0.5 | 8.7 | 8.4 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 3.8 | <0.5 | 21.6 |
| | 11/11/93 | <0.5 | 9.7 | 8.8 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 18.5 |
| | 08/17/94 | <1 | 5.5 | 6.7 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 12.2 |
| | 12/13/94 | <0.5 | 5.4 | 6 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 11.4 |
| | 03/13/95 | ND | 3.3 | 3.4 | ND | NA | NA | NA | NA | NA | NA | NA | NA | 6.7 |
| | 06/26/95 | <0.34 | 3.6 | <0.19 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | 3.4 | 9 |
| D-5 | 11/08/95 | <0.5 | 41.9 | 15.8 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 57.7 |

Table 2. Summary of Groundwater Monitoring Analytical Results

| WELL | DATE | PCE | 1,1,1-TCA | TCE | Vinyl Chloride | Acetone | Chloroform | 1,1-DCA | 1,2-DCA | 1,1-DCE | CIS-1,2-DCE | Methylene Chloride | 1,1,2-TCA | Total VOCs |
|------------|----------|-------|-----------|-------|----------------|---------|------------|---------|---------|---------|-------------|--------------------|-----------|------------|
| NR 140 ES | | 5.0 | 200 | 5 | 0.2 | 1000 | 6 | 850 | 5 | 7 | 70 | 5 | 5 | |
| NR 140 PAL | | 0.5 | 40 | 0.5 | 0.02 | 200 | 0.6 | 85 | 0.5 | 0.7 | 7 | 0.5 | 0.5 | |
| D-5 | 01/25/96 | <0.5 | 4.1 | 5.2 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 9.3 |
| | 05/14/96 | <0.5 | 3.7 | 4.4 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 8.1 |
| | 08/14/96 | <0.5 | 0.9 | 1 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 1.9 |
| | 10/09/96 | <0.5 | 5.4 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 5.4 |
| | 01/21/97 | <0.5 | 3.6 | 5.1 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 8.7 |
| | 04/01/97 | <0.63 | 3.1 | 4.4 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 7.5 |
| | 07/24/97 | <0.63 | 3.1 | 3.2 | <0.46 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 6.3 |
| | 11/18/97 | <0.25 | 3.1 | 4.4 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 7.5 |
| | 03/23/98 | <0.63 | 1.8 | 3 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 4.8 |
| | 07/28/98 | <0.25 | 2.2 | 2.7 | <0.25 | <2.0 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | 4.9 |
| | 09/28/98 | <0.63 | 2.8 | 3.3 | <0.46 | NA | NA | NA | NA | NA | NA | NA | <0.28 | 6.1 |
| | 12/08/98 | <0.63 | 2.8 | 3.6 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 6.4 |
| | 03/11/99 | <0.63 | 2.8 | 3.1 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 5.9 |
| (SA) D-25R | 10/29/91 | <0.5 | <0.5 | 11 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | 11 |
| | 12/13/91 | 0.6 | 13 | 13 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 2.6 | <0.5 | 29.2 |
| | 11/11/93 | <0.5 | 6 | 4.7 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 10.7 |
| | 08/17/94 | <1 | 3.1 | 4.6 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 7.7 |
| | 12/13/94 | 0.4 | 4.7 | 5.4 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 10.5 |
| | 03/13/95 | ND | 4.3 | 3.2 | ND | NA | NA | NA | NA | NA | NA | NA | NA | 7.5 |
| | 06/26/95 | <0.34 | 3.1 | <0.19 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.19 | 3.1 |
| | 11/07/95 | <0.5 | 5.1 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 5.1 |
| | 01/25/96 | <0.5 | 4.7 | 5.1 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 9.8 |
| | 05/14/96 | <0.5 | 6.9 | 6.3 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 13.2 |
| | 08/14/96 | 1.5 | 43.7 | 38.3 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 83.5 |
| | 10/09/96 | <0.5 | 8.2 | 10.1 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 18.3 |
| | 01/20/97 | <0.5 | 10.4 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 10.4 |
| | 04/01/97 | 0.77 | 11 | 9.1 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 20.87 |
| | 07/24/97 | 0.86 | 9.5 | 9.8 | <0.46 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 21.66 |
| | 11/18/97 | 0.84 | 6.7 | 8.7 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 16.24 |
| | 03/23/98 | 0.71 | 5 | 7.5 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 13.21 |
| | 07/28/98 | <0.25 | 2.1 | 2.7 | <0.25 | <2.0 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | 4.8 |
| | 09/28/98 | 0.78 | 6.6 | 9.2 | <0.46 | NA | NA | NA | NA | NA | NA | NA | <0.28 | 16.58 |
| | 12/08/98 | 0.7 | 6.5 | 8.7 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 15.9 |
| | 03/12/99 | 0.78 | 5.6 | 7.7 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 14.08 |
| | 09/02/99 | 0.72 | 6.7 | 8.4 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 15.82 |
| | 04/25/00 | 1.0 | 3.5 | 4.0 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 8.5 |
| | 09/26/00 | 0.82 | 4.5 | 4.7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 10.02 |
| | 04/23/01 | 0.45 | 3.1 | 4.3 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 7.85 |
| | 10/02/01 | 0.58 | 4 | 3.8 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 8.38 |
| | 04/16/02 | 0.58 | 4.3 | 4.7 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 9.58 |
| 11/19/02 | 0.87 | 7.6 | 6.2 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 14.67 | |
| 06/24/03 | 0.86 | 6.1 | 7.7 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 14.66 | |
| (SA) D-25R | 10/20/03 | 0.71 | 4.3 | 4.6 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 9.61 |
| (SA) D-25R | 09/21/04 | 0.61 | 3.5 | 3.3 | <0.20 | NA | NA | NA | NA | NA | NA | NA | NA | 7.41 |
| D-24R | 10/30/91 | <0.5 | 5.7 | 2.7 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | 8.4 |

Table 2. Summary of Groundwater Monitoring Analytical Results

| WELL | DATE | PCE | 1,1,1-TCA | TCE | Vinyl Chloride | Acetone | Chloroform | 1,1-DCA | 1,2-DCA | 1,1-DCE | CIS-1,2-DCE | Methylene Chloride | 1,1,2-TCA | Total VOCs |
|---|----------|-------|-----------|-------|----------------|---------|------------|---------|---------|---------|-------------|--------------------|-----------|------------|
| NR 140 ES | | 5.0 | 200 | 5 | 0.2 | 1000 | 6 | 850 | 5 | 7 | 70 | 5 | 5 | |
| NR 140 PAL | | 0.5 | 40 | 0.5 | 0.02 | 200 | 0.6 | 85 | 0.5 | 0.7 | 7 | 0.5 | 0.5 | |
| D-24R | 12/12/91 | <0.5 | 6.1 | 5.9 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | 12 |
| | 11/11/93 | <0.5 | 4.7 | 1.9 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 6.6 |
| | 08/17/94 | <1 | <1 | <1 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| | 12/13/94 | <0.5 | 0.5 | 1.1 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 1.6 |
| | 03/13/95 | ND | 1.7 | ND | ND | NA | NA | NA | NA | NA | NA | NA | NA | 1.7 |
| | 06/21/95 | <0.34 | <0.13 | <0.19 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.19 | 0 |
| | 11/07/95 | <0.5 | 3.6 | 2 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 5.6 |
| | 01/25/96 | 3.5 | 1 | 2 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 6.5 |
| | 05/13/96 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| | 08/14/96 | <0.5 | 0.8 | 0.7 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 1.5 |
| | 10/09/96 | <0.5 | 1.8 | 2.7 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 4.5 |
| | 01/20/97 | <0.5 | 0.8 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 0.8 |
| | 04/01/97 | <0.63 | 0.68 | <0.49 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 0.68 |
| | 07/24/97 | <0.63 | 1.2 | 1.3 | <0.46 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 2.5 |
| | 11/18/97 | <0.25 | 1.4 | 0.94 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 2.34 |
| | 03/23/98 | <0.63 | 1 | 0.86 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 1.86 |
| | 07/28/98 | <0.25 | 0.33 | <0.25 | <0.25 | <2.0 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | 0.33 |
| 09/28/98 | <0.63 | 0.99 | 0.81 | <0.46 | NA | NA | NA | NA | NA | NA | NA | <0.28 | 1.8 | |
| 12/08/98 | <0.63 | 0.76 | 0.64 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 1.4 | |
| 03/12/99 | <0.63 | 0.67 | 0.68 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 1.35 | |
| D-27 | 11/04/91 | <0.5 | 9.9 | 5.6 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | 15.5 |
| | 12/18/91 | <0.5 | 5.3 | 2.6 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | 7.9 |
| | 12/18/91 | <0.5 | 4.9 | 2.8 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | 7.7 |
| | 11/11/93 | <0.5 | <0.5 | <0.5 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 0 |
| | 12/14/95 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| | 06/21/95 | <0.34 | <0.13 | <0.19 | <0.27 | | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.19 | 0 |
| | 08/15/96 | <0.5 | <0.5 | <0.5 | <0.5 | | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 0 |
| | 07/23/97 | <0.63 | <0.28 | <0.49 | <0.46 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 0 |
| 07/29/98 | <0.25 | <0.25 | <0.25 | <0.25 | <2.0 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | 0 | |
| (A) EX-2 / EX-2R Original Extraction Wells | 11/07/91 | <0.5 | 870 | 210 | <0.3 | <0.5 | <0.5 | 18 | <0.5 | 56 | 24 | <1 | 1.1 | 1179.1 |
| | 12/18/91 | <0.5 | 1260 | 268 | <0.3 | <0.5 | 0.8 | <0.5 | 9.1 | 92 | 30 | 3 | 1.4 | 1664.3 |
| | 11/11/93 | <0.5 | 890 | 250 | <0.3 | <0.5 | <0.5 | 15 | <0.5 | 55 | 22 | NA | 1.3 | 1233.3 |
| | 12/13/94 | <0.5 | 17.3 | 3.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 20.8 |
| | 06/21/95 | <0.34 | 375 | 96.4 | <0.27 | <0.5 | | <0.12 | | 13.4 | 9 | NA | <0.19 | 495.1 |
| | 08/14/96 | <0.5 | 99.8 | 52 | <0.5 | <0.5 | <0.5 | 1.6 | <1.6 | 4 | NA | NA | <0.5 | 157.4 |
| | 07/25/97 | <0.63 | 1.2 | 2.6 | <0.46 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 3.8 |
| | 07/28/98 | <0.25 | 0.79 | 2.1 | <0.25 | <2.0 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | 2.89 |
| | 09/07/99 | <0.63 | 15 | 34 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 49 |
| | 04/18/00 | <0.63 | 1.3 | 3.7 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 5 |
| 09/26/00 | <0.63 | 18 | 36 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 54 | |
| (A) EX-2 / EX-2R | 04/19/01 | <0.25 | 2.6 | 8.4 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 11 |
| (A) EX-2 / EX-2R | 10/02/01 | <0.25 | 16 | 34 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 50 |
| (A) EX-2 / EX-2R | 04/16/02 | <0.25 | 8.4 | 22 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 30.4 |
| (A) EX-2 / EX-2R | 06/24/03 | <0.50 | 0.69 | 2.9 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 3.59 |
| (A) EX-2 / EX-2R | 09/21/04 | <0.50 | 11 | 25 | <0.20 | NA | NA | NA | NA | NA | NA | NA | NA | 36 |

Table 2. Summary of Groundwater Monitoring Analytical Results

| WELL | DATE | PCE | 1,1,1-TCA | TCE | Vinyl Chloride | Acetone | Chloroform | 1,1-DCA | 1,2-DCA | 1,1-DCE | CIS-1,2-DCE | Methylene Chloride | 1,1,2-TCA | Total VOCs |
|--------------------------------------|----------|----------|-----------|-------|----------------|---------|------------|---------|---------|---------|-------------|--------------------|-----------|------------|
| NR 140 ES | | 5.0 | 200 | 5 | 0.2 | 1000 | 6 | 850 | 5 | 7 | 70 | 5 | 5 | |
| NR 140 PAL | | 0.5 | 40 | 0.5 | 0.02 | 200 | 0.6 | 85 | 0.5 | 0.7 | 7 | 0.5 | 0.5 | |
| (A) EX-3 | 11/07/91 | <0.5 | 50 | 14 | <0.3 | <0.5 | <0.5 | 0.8 | <0.5 | 3.4 | 0.8 | <1 | <0.5 | 69 |
| Original Extraction Wells | 12/18/91 | <0.5 | 30.3 | 9.5 | <0.3 | <0.5 | <0.5 | 0.5 | <0.5 | 1.9 | <0.5 | 2.6 | <0.5 | 44.8 |
| | 11/11/93 | <0.5 | <0.5 | <0.5 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 0 |
| | 12/13/94 | <0.5 | 14.4 | 5.8 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 20.2 |
| | 06/21/95 | <0.34 | 8.7 | 4 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.19 | 21.6 |
| | 08/14/96 | <0.5 | 4.5 | 3.6 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 8.1 |
| | 07/25/97 | <0.63 | 93 | 52 | <0.46 | <3.0 | <0.18 | 1.7 | <0.20 | 6.6 | 2.9 | <0.87 | 0.4 | 156.6 |
| | 07/28/98 | <0.25 | 30 | 28 | <0.25 | <2.0 | <0.25 | 0.74 | <0.25 | <0.25 | 1.4 | 2.2 | <0.25 | 62.34 |
| | 09/07/99 | <0.63 | 22 | 26 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 48 |
| | 04/18/00 | <0.63 | 37 | 55 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 92 |
| | 09/26/00 | <0.63 | 25 | 28 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 53 |
| | 04/19/01 | <0.25 | 27 | 38 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 65 |
| | 10/02/01 | <0.25 | 13 | 17 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 30 |
| | 04/16/02 | <0.25 | 21 | 28 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 49 |
| | 06/24/03 | <0.50 | 23 | 46 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 69 |
| 09/21/04 | <0.50 | 13 | 17 | <0.20 | NA | NA | NA | NA | NA | NA | NA | NA | 30 | |
| Chip Storage Extraction System | CSES | 11/11/93 | <0.5 | <0.5 | <0.5 | <0.3 | NA | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 0 |
| | 08/16/94 | <1 | 1200 | 360 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 1560 |
| | 06/21/95 | <0.34 | 245 | 109 | <0.27 | <0.5 | <0.28 | 6.8 | | 16.7 | 9 | NA | <0.19 | 388.8 |
| | 11/07/95 | <0.5 | 266 | 106 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 372 |
| | 01/25/96 | <0.5 | 254 | 129 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 383 |
| | 05/13/96 | <0.5 | 141 | 55.2 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 196.2 |
| | 08/13/96 | <0.5 | 139 | 60.2 | <0.5 | <0.5 | <0.5 | 3.1 | <1.6 | 6.8 | NA | NA | 2.1 | 211.2 |
| | 10/08/96 | <0.5 | 112 | 54.4 | <0.5 | <0.5 | <0.5 | 3.2 | <1.6 | <0.5 | NA | NA | 1.5 | 171.1 |
| | 01/20/97 | <0.5 | 81 | 36 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 117 |
| | 03/31/97 | <0.63 | 120 | 67 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 187 |
| | 07/23/97 | <0.63 | 67 | 32 | <0.46 | <3.0 | <0.18 | 2.3 | <0.20 | 5.5 | 1.6 | <0.87 | 1.0 | 109.4 |
| | 11/18/97 | <0.25 | 55 | 39 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 94 |
| | 03/23/98 | <0.63 | 44 | 38 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 82 |
| | 07/28/98 | <0.25 | 32 | 23 | <0.25 | <2.0 | <0.25 | 1.7 | <0.25 | 1.1 | 0.87 | <0.25 | 1.1 | 59.77 |
| | 09/25/98 | 8.1 | 2.1 | 16 | <0.46 | NA | NA | NA | NA | NA | NA | NA | <0.28 | 26.2 |
| | 12/08/98 | 7.9 | 1.9 | 13 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 22.8 |
| | 03/11/99 | 4.4 | 1.9 | 19 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 25.3 |
| | 09/02/99 | <0.63 | 35 | 29 | <0.46 | NA | <0.18 | 3.5 | <0.20 | 1.4 | 1.3 | <0.87 | 3.1 | 73.3 |
| | 04/18/00 | <0.63 | 23 | 19 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 42 |
| | 09/27/00 | <0.63 | 19 | 14 | <0.46 | NA | <0.18 | 0.86 | <0.20 | <0.73 | 0.38 | <0.87 | 0.32 | 34.56 |
| 04/19/01 | <0.14 | 17 | 13 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 30 | |
| 10/01/01 | <0.25 | 19 | 15 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 34 | |
| 04/16/02 | <0.25 | 11 | 14 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 25 | |
| 11/19/02 | <0.25 | 16 | 10 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 26 | |
| CSES | 06/24/03 | <0.50 | 14 | 9.6 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 23.6 |
| CSES | 10/20/03 | <0.50 | 16 | 11 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 27 |
| Off-Site MW-1030 | MW-1030 | 10/30/91 | <0.5 | 1.5 | 4 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | 5.5 |
| | | 12/12/91 | <0.5 | 2 | 3.5 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 2.3 | <0.5 | 7.8 |
| | MW-1030 | 11/11/93 | <0.5 | <0.5 | 50 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 50 |

Table 2. Summary of Groundwater Monitoring Analytical Results

| WELL | DATE | PCE | 1,1,1-TCA | TCE | Vinyl Chloride | Acetone | Chloroform | 1,1-DCA | 1,2-DCA | 1,1-DCE | CIS-1,2-DCE | Methylene Chloride | 1,1,2-TCA | Total VOCs |
|--|----------|-------|-----------|-------|----------------|---------|------------|---------|---------|---------|-------------|--------------------|-----------|------------|
| NR 140 ES | | 5.0 | 200 | 5 | 0.2 | 1000 | 6 | 850 | 5 | 7 | 70 | 5 | 5 | |
| NR 140 PAL | | 0.5 | 40 | 0.5 | 0.02 | 200 | 0.6 | 85 | 0.5 | 0.7 | 7 | 0.5 | 0.5 | |
| MW-1030 | 12/13/94 | 1.4 | 0.5 | 56.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 58.4 |
| | 06/21/95 | <0.34 | <0.13 | <0.19 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.19 | 0 |
| | 08/13/96 | <0.5 | 0.8 | 26 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 26.8 |
| | 07/24/97 | 1.5 | 0.48 | 15 | <0.46 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 16.98 |
| | 07/28/98 | <0.25 | 2.2 | 1.7 | <0.25 | <2.0 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | 3.9 |
| (SA) SS-1 Storm Sewer | 11/11/93 | 0.9 | 71 | 24 | <0.3 | <0.5 | <0.5 | 1.3 | <0.5 | 4.5 | 1.6 | <1.0 | <0.5 | 103.3 |
| | 08/16/94 | <1 | 55 | 25 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 80 |
| | 12/14/94 | 0.1 | 11.2 | 3 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 14.3 |
| | 06/21/95 | <0.34 | 31.2 | 18.1 | <0.27 | <0.5 | <0.28 | <0.12 | | 1.4 | 1.3 | NA | <0.19 | 52 |
| | 11/06/95 | <0.5 | 21.7 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 21.7 |
| | 01/25/96 | 2.6 | 17.1 | 21.1 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 40.8 |
| | 05/13/96 | 0.6 | 12.6 | 8.2 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 21.4 |
| | 08/13/96 | 0.7 | 8.3 | 7.8 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 16.8 |
| | 10/08/96 | 0.7 | 6.7 | 8.8 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 21.8 |
| | 01/20/97 | 0.7 | 8.1 | 8.9 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 17.7 |
| | 04/01/97 | 0.7 | 5.8 | 6.6 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 13.14 |
| | 07/23/97 | <0.63 | 1.2 | 1.5 | <0.46 | 9.1 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 12.49 |
| | 11/18/97 | <0.25 | 4.9 | 4.9 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 9.8 |
| | 09/02/99 | 3.4 | 3.1 | 17 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 23.5 |
| | 09/25/00 | <0.63 | 0.37 | 2.1 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.47 |
| | 10/01/01 | <0.25 | 1.5 | 3.7 | <0.25 | NA | NA | NA | NA | NA | NA | NA | <0.25 | 5.2 |
| | 04/17/02 | 1.1 | 1.4 | 5.2 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 7.7 |
| | 12/04/02 | 0.71 | 1.2 | 4.4 | <0.25 | NA | NA | NA | NA | NA | NA | NA | <0.25 | 6.31 |
| 03/08/04 | <0.50 | 0.90 | 2.5 | <0.20 | NA | NA | NA | NA | NA | NA | NA | <0.25 | 3.4 | |
| 04/05/04 | <0.50 | <0.50 | 3.2 | <0.20 | NA | NA | NA | NA | NA | NA | NA | <0.25 | 3.2 | |
| Plant #2 | | | | | | | | | | | | | | |
| (A) D-18 Southeast Source Area and Former Sump Source Area | 11/04/91 | <0.5 | <0.5 | 1.5 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | <0.5 | <0.5 | <0.5 | 3.8 |
| | 12/12/91 | 0.9 | 0.5 | 2.1 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | <0.5 | 6 | <0.5 | 13 |
| | 11/11/93 | <0.5 | <0.5 | <0.5 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 0 |
| | 08/16/94 | <1 | <1 | 1.2 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 1.2 |
| | 12/13/94 | 0.4 | 0.2 | 1.8 | 0.3 | NA | NA | NA | NA | NA | NA | NA | NA | 2.7 |
| | 03/13/95 | 5.5 | 3.2 | 30.6 | ND | NA | NA | NA | NA | NA | NA | NA | NA | 39.3 |
| | 06/21/95 | 1.5 | <0.13 | 4 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.19 | 5.5 |
| | 11/06/95 | 1.0 | <0.5 | 6.3 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 7.3 |
| | 01/25/96 | 1.6 | <0.5 | 5.2 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 6.8 |
| | 05/13/96 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| | 08/13/96 | 1.2 | <0.5 | 2.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 3.7 |
| | 10/08/96 | <0.5 | <0.5 | 2.2 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 2.2 |
| | 01/20/97 | 1.8 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 1.8 |
| | 03/31/97 | 3.3 | <0.28 | 4.1 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 7.4 |
| | 07/23/97 | 2.7 | <0.28 | 2.8 | <0.46 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 5.5 |
| | 11/17/97 | 4.1 | <0.28 | 3.9 | <0.48 | NA | NA | NA | NA | NA | NA | NA | NA | 8 |
| | 03/23/98 | 4.2 | <0.28 | 4.9 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 9.1 |
| | 07/27/98 | 2.2 | <0.25 | 4.8 | <0.25 | 3.5 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 10.5 |
| | 09/25/98 | 9.1 | 1.4 | 38 | <0.46 | NA | NA | NA | NA | NA | NA | NA | <0.28 | 48.5 |
| (A) D-18 | 12/08/98 | 6.2 | <0.28 | 8.5 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 14.7 |

Table 2. Summary of Groundwater Monitoring Analytical Results

| WELL | | DATE | PCE | 1,1,1-TCA | TCE | Vinyl Chloride | Acetone | Chloroform | 1,1-DCA | 1,2-DCA | 1,1-DCE | CIS-1,2-DCE | Methylene Chloride | 1,1,2-TCA | Total VOCs |
|--------|---------|----------|-------|-----------|-------|----------------|---------|------------|---------|---------|---------|-------------|--------------------|-----------|------------|
| NR 140 | ES | | 5.0 | 200 | 5 | 0.2 | 1000 | 6 | 850 | 5 | 7 | 70 | 5 | 5 | |
| NR 140 | PAL | | 0.5 | 40 | 0.5 | 0.02 | 200 | 0.6 | 85 | 0.5 | 0.7 | 7 | 0.5 | 0.5 | |
| (A) | D-18 | 03/11/99 | 4.6 | <0.28 | 11 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 15.6 |
| | | 09/07/99 | 2.6 | <0.28 | 4.8 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7.4 |
| | | 04/25/00 | 4.9 | <0.28 | 6.6 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 11.5 |
| | | 09/25/00 | 2.5 | <0.28 | 2.4 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 4.9 |
| | | 04/19/01 | 3.0 | <0.25 | 3.8 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 6.8 |
| | | 09/27/01 | 3.2 | <0.25 | 6.6 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 9.8 |
| | | 04/17/02 | 2.6 | <0.25 | 3 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 5.6 |
| | | 06/20/03 | 9.1 | <0.50 | 20 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 29.1 |
| | | 09/20/04 | 3.4 | <0.50 | 1.9 | <0.20 | NA | NA | NA | NA | NA | NA | NA | NA | 5.3 |
| (A) | MW-2004 | 10/29/91 | 6.4 | 4.8 | 37 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | <0.5 | <1 | <0.5 | 96.4 |
| | | 12/13/91 | 11.0 | 2.6 | 61 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | <0.5 | <1 | <0.5 | 149.2 |
| | | 11/11/93 | 2.5 | 14 | 5.6 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 22.1 |
| | | 12/13/94 | 0.7 | 0.2 | 1.8 | 0.3 | NA | NA | NA | NA | NA | NA | NA | NA | 3 |
| | | 06/21/95 | 3.2 | 17.6 | 14.2 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | 3.4 | 38.4 |
| | | 08/13/96 | 1.0 | 7.2 | 5.2 | <0.5 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.5 | 13.36 |
| | | 07/23/97 | <0.63 | 1.9 | 1.7 | <0.46 | 4.2 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 7.8 |
| | | 07/27/98 | <0.25 | <0.25 | 0.94 | <0.25 | 13 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 13.94 |
| | | 09/07/99 | <0.63 | <0.28 | <0.49 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| | | 04/26/00 | <0.63 | <0.28 | <0.49 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| | | 09/27/01 | <0.25 | <0.25 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 0 |
| | | 11/18/02 | <0.25 | <0.25 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 0 |
| | | 06/20/03 | <0.50 | <0.50 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 0 |
| | | 09/20/04 | <0.50 | <0.50 | <0.20 | <0.20 | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| (A) | MW-2005 | 10/28/91 | 30.0 | 2.7 | 20 | <0.3 | <0.5 | 0.7 | <0.5 | <1.6 | <0.5 | 12 | <1 | <0.5 | 118.1 |
| | | 12/13/91 | 32.0 | 3 | 23 | <0.3 | <0.5 | 0.8 | <0.5 | <1.6 | <0.5 | 17 | <1 | <0.5 | 133.8 |
| | | 11/11/93 | 47.0 | 3.1 | 31 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 4 | <1.0 | <0.5 | 85.1 |
| | | 12/13/94 | 0.4 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 0.4 |
| | | 08/16/94 | <1 | <1 | <1 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| | | 06/21/95 | 0.7 | <0.13 | 0.7 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.19 | 1.4 |
| | | 11/07/95 | 1.9 | <0.5 | 2.7 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 4.6 |
| | | 01/25/96 | 10.9 | <0.5 | 5.2 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 16.1 |
| | | 05/13/96 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| | | 08/13/96 | 10.2 | <0.5 | 2.1 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 12.3 |
| | | 10/08/96 | 13.0 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 13 |
| | | 01/20/97 | 24.0 | <0.5 | 10.1 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 34.1 |
| | | 04/01/97 | 47.0 | 0.76 | 8.8 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 56.56 |
| | | 07/23/97 | <0.63 | 15 | 1.6 | <0.46 | 4.2 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 20.8 |
| | | 11/18/97 | 2.7 | <0.25 | 0.33 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 3.03 |
| | | 03/23/98 | 3.0 | <0.28 | 0.51 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 3.51 |
| | | 07/21/98 | 19.0 | <0.25 | 1.3 | <0.25 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 20.3 |
| | | 09/25/98 | 14.0 | <0.28 | 1.1 | <0.46 | NA | NA | NA | NA | NA | NA | NA | <0.28 | 15.1 |
| | | 12/05/98 | 6.2 | <0.28 | 5.2 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 11.4 |
| | | 03/12/99 | 7.8 | <0.28 | 8.9 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 16.7 |
| | | 09/07/99 | 7.8 | <0.28 | 1.0 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 8.8 |
| | | 04/25/00 | 1.2 | <0.28 | <0.49 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 1.2 |
| (A) | MW-2005 | 09/25/00 | 1.7 | <0.28 | <0.49 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.7 |

Table 2. Summary of Groundwater Monitoring Analytical Results

| WELL | DATE | PCE | 1,1,1-TCA | TCE | Vinyl Chloride | Acetone | Chloroform | 1,1-DCA | 1,2-DCA | 1,1-DCE | CIS-1,2-DCE | Methylene Chloride | 1,1,2-TCA | Total VOCs |
|-------------|----------|-------|-----------|-------|----------------|---------|------------|---------|---------|---------|-------------|--------------------|-----------|------------|
| NR 140 ES | | 5.0 | 200 | 5 | 0.2 | 1000 | 6 | 850 | 5 | 7 | 70 | 5 | 5 | |
| NR 140 PAL | | 0.5 | 40 | 0.5 | 0.02 | 200 | 0.6 | 85 | 0.5 | 0.7 | 7 | 0.5 | 0.5 | |
| (A) MW-2005 | 04/19/01 | 5.7 | <0.25 | 0.60 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 6.3 |
| | 09/27/01 | 7.5 | <0.25 | 0.62 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 8.12 |
| | 04/17/02 | 9.8 | <0.25 | 0.89 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 10.69 |
| | 06/20/03 | 6.0 | <0.50 | 0.87 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 6.87 |
| | 09/20/04 | 17 | <0.50 | 1.3 | <0.20 | NA | NA | NA | NA | NA | NA | NA | NA | 18.3 |
| (SA) D-15 | 11/05/91 | 26.0 | 45 | 420 | <0.3 | <0.5 | <0.5 | 1.5 | <1.6 | 3.6 | 12 | 1.4 | <0.5 | 1019 |
| | 12/12/91 | 24.0 | 31 | 390 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | 3 | 8.8 | <0.5 | <0.5 | 913.6 |
| | 11/11/93 | 11.0 | 12 | 350 | <0.3 | <0.5 | <0.5 | 1.3 | <0.5 | 1.3 | 11 | <1.0 | <0.5 | 386.6 |
| | 08/16/94 | 15.0 | 15 | 220 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 250 |
| | 12/13/94 | 7.8 | 3.1 | 105 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 115.9 |
| | 03/13/95 | 10.6 | 4 | 126 | ND | NA | NA | NA | NA | NA | NA | NA | NA | 140.6 |
| | 06/21/95 | 13.0 | 8.6 | 119 | <0.27 | <0.5 | <0.28 | 0.9 | | <0.18 | 3.3 | NA | <0.19 | 144.8 |
| | 11/06/95 | 13.4 | 4.4 | 113 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 130.8 |
| | 01/25/96 | 11.5 | 2.3 | 92.8 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 106.6 |
| | 05/13/96 | 6.7 | <0.5 | 54 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 60.7 |
| | 08/15/96 | 8.0 | 1.7 | 46 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 55.7 |
| | 10/08/96 | 6.4 | 1.4 | 70.4 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 78.2 |
| | 01/20/97 | 10.9 | <0.5 | 61 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 71.9 |
| | 03/31/97 | 10 | 0.83 | 53 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 63.83 |
| | 07/23/97 | 10 | <0.28 | 68 | <0.46 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 78 |
| | 11/17/97 | 15 | 0.97 | 83 | <0.48 | NA | NA | NA | NA | NA | NA | NA | NA | 98.97 |
| | 03/23/98 | 16 | 0.48 | 78 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 94.48 |
| | 07/27/98 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | 09/26/98 | 29 | 0.56 | 170 | <0.46 | NA | NA | NA | NA | NA | NA | NA | <0.28 | 199.56 |
| | 12/08/98 | 74 | 0.77 | 1000 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 1074.77 |
| | 03/11/99 | 19 | <0.56 | 84 | <0.92 | NA | NA | NA | NA | NA | NA | NA | NA | 103 |
| | 09/07/99 | 22 | <0.56 | 120 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 142 |
| | 04/25/00 | 8.7 | 0.61 | 33 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 42.31 |
| | 09/28/00 | 19 | 0.77 | 85 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 104.77 |
| | 04/19/01 | 50 | <2.5 | 470 | <2.5 | NA | NA | NA | NA | NA | NA | NA | NA | 520 |
| | 09/27/01 | 54 | <2.5 | 370 | NA | NA | NA | NA | NA | NA | NA | NA | <2.5 | 424 |
| | 04/15/02 | 17 | 0.47 | 62 | NA | NA | NA | NA | NA | NA | NA | NA | <2.5 | 79.47 |
| | 11/19/02 | 16 | 0.48 | 61 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 77.48 |
| | 06/20/03 | 11 | <0.50 | 39 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 50 |
| | 10/20/03 | 7.5 | <0.50 | 29 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 36.5 |
| | 09/20/04 | 18 | <0.50 | 36 | <0.20 | NA | NA | NA | NA | NA | NA | NA | NA | 54 |
| P-2009 | 11/05/91 | <0.5 | <0.5 | <0.5 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | <0.5 | <1 | <0.5 | 0 |
| | 12/12/91 | <0.5 | 1.1 | 1.2 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | <0.5 | <1.0 | <0.5 | 4.6 |
| | 01/10/92 | | <0.7 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| | 11/11/93 | <0.5 | <0.5 | <0.5 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 0 |
| | 12/14/94 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| | 06/21/95 | <0.34 | <0.13 | 0.4 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.19 | 0.4 |
| | 08/15/96 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 0 |
| | 07/25/97 | <0.63 | <0.28 | <0.49 | <0.46 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 0 |
| | 07/27/98 | <0.25 | <0.25 | <0.25 | <0.25 | 11 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 11 |

Table 2. Summary of Groundwater Monitoring Analytical Results

| WELL | DATE | PCE | 1,1,1-TCA | TCE | Vinyl Chloride | Acetone | Chloroform | 1,1-DCA | 1,2-DCA | 1,1-DCE | CIS-1,2-DCE | Methylene Chloride | 1,1,2-TCA | Total VOCs |
|------------|----------|-------|-----------|-------|----------------|---------|------------|---------|---------|---------|-------------|--------------------|-----------|------------|
| NR 140 ES | | 5.0 | 200 | 5 | 0.2 | 1000 | 6 | 850 | 5 | 7 | 70 | 5 | 5 | |
| NR 140 PAL | | 0.5 | 40 | 0.5 | 0.02 | 200 | 0.6 | 85 | 0.5 | 0.7 | 7 | 0.5 | 0.5 | |
| (A) P-2010 | 11/05/91 | <0.5 | <0.5 | <0.5 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | 0 |
| | 12/12/91 | <0.5 | 8.3 | 5.4 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | 0.6 | <0.5 | 2.4 | <0.5 | 30.4 |
| | 01/10/92 | <0.7 | <0.7 | 1.2 | NA | NA | - | NA | NA | NA | NA | NA | NA | 1.2 |
| | 11/11/93 | <0.5 | <0.5 | <0.5 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 0 |
| | 12/14/94 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| | 06/21/95 | 2.8 | <0.13 | <0.19 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.19 | 2.8 |
| | 08/15/96 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.73 | <0.23 | <0.87 | <0.15 | 0 |
| | 07/25/97 | <0.63 | <0.28 | <0.49 | <0.46 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 0 |
| | 07/29/98 | <0.25 | <0.25 | <0.25 | <0.25 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 0 |
| (A) TW-1 | 10/29/91 | <0.5 | 1.3 | 18 | <0.3 | <0.5 | <0.6 | <0.5 | <1.6 | <0.5 | <0.5 | 1.7 | <0.5 | 42 |
| | 12/13/91 | 4.9 | 1.1 | 48 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | <0.5 | <1.0 | <0.5 | 108 |
| | 11/11/93 | 4.0 | 9.1 | 20 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 33.1 |
| | 08/16/94 | 2.4 | <1 | 14 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 16.4 |
| | 12/13/94 | 0.4 | 0.3 | 4.1 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 4.8 |
| | 06/21/95 | 1.1 | 1.8 | 4.9 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.19 | 9.4 |
| | 11/07/95 | 1.0 | <0.5 | 8.7 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 9.7 |
| | 01/25/96 | 1.5 | 1.3 | 4.7 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 7.5 |
| | 05/13/96 | 1.1 | 0.6 | 2.9 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 4.6 |
| | 08/13/96 | 0.9 | 0.7 | 2.7 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 4.3 |
| | 10/08/96 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 0 |
| | 01/20/97 | 2.1 | 3 | 10 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 15.1 |
| | 03/31/97 | 2.0 | 3.1 | 5.9 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 11 |
| | 07/23/97 | 0.88 | 0.74 | 2.5 | <0.46 | 4.9 | <0.38 | 0.38 | <0.73 | <0.23 | <0.39 | <0.29 | <1.1 | 18.8 |
| | 11/17/97 | 0.88 | 0.55 | 2 | <0.48 | NA | NA | NA | NA | NA | NA | NA | NA | 3.43 |
| | 03/23/98 | <0.63 | <0.28 | 1.7 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 1.7 |
| | 07/28/98 | <0.25 | <0.25 | 1.7 | <0.25 | 10 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 11.7 |
| | 09/26/98 | <0.63 | <0.28 | 1.7 | <0.46 | NA | NA | NA | NA | NA | NA | NA | <0.28 | 1.7 |
| | 12/08/98 | <0.63 | <0.28 | 1.5 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 1.5 |
| | 03/12/99 | <0.63 | <0.28 | 1 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 1 |
| | 09/07/99 | <0.63 | 0.57 | 2.4 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.97 |
| 09/26/00 | 1.1 | 0.81 | 7.3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 9.21 | |
| 09/28/01 | <0.25 | <0.25 | 1.2 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 1.2 | |
| TW-1A | 10/29/91 | <0.5 | 0.6 | 0.6 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | <0.5 | <1.0 | <0.5 | 2.4 |
| | 12/18/91 | <0.5 | 0.9 | 6.8 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | <0.5 | 2.2 | <0.5 | 19.8 |
| TW-1A | 11/11/93 | <0.5 | <0.5 | <0.5 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 0 |
| TW-1A | 12/14/94 | <0.5 | <0.5 | <0.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 0 |
| | 06/21/95 | 2.4 | <0.13 | 1.8 | <0.27 | <0.5 | <0.28 | 1.7 | | <0.18 | <0.30 | NA | <0.19 | 15.2 |
| | 08/15/96 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 0 |
| | 07/25/97 | <0.63 | <0.28 | <0.49 | <0.46 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 0 |
| | 07/27/98 | <0.25 | <0.25 | <0.25 | <0.25 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 0 |
| (SA) TW-3 | 10/30/91 | 6.8 | 1.7 | 19 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | 2.1 | <1 | <0.5 | 59.2 |
| | 12/12/91 | 8.3 | 1.3 | 22 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | 1.6 | <1 | <0.5 | 66.4 |
| | 11/11/93 | 7.5 | 0.7 | 12 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 20.2 |
| | 12/14/94 | 5.3 | 11.6 | 5.5 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 22.4 |
| (SA) TW-3 | 06/21/95 | 5.5 | 11.9 | 7.4 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | 0.4 | NA | <0.19 | 25.2 |

Table 2. Summary of Groundwater Monitoring Analytical Results

| WELL | DATE | PCE | 1,1,1-TCA | TCE | Vinyl Chloride | Acetone | Chloroform | 1,1-DCA | 1,2-DCA | 1,1-DCE | CIS-1,2-DCE | Methylene Chloride | 1,1,2-TCA | Total VOCs |
|------------|----------|-------|-----------|-------|----------------|---------|------------|---------|---------|---------|-------------|--------------------|-----------|------------|
| NR 140 ES | | 5.0 | 200 | 5 | 0.2 | 1000 | 6 | 850 | 5 | 7 | 70 | 5 | 5 | |
| NR 140 PAL | | 0.5 | 40 | 0.5 | 0.02 | 200 | 0.6 | 85 | 0.5 | 0.7 | 7 | 0.5 | 0.5 | |
| (SA) TW-3 | 08/13/96 | 2.3 | 9.7 | 8.1 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 20.1 |
| | 07/23/97 | 1.7 | 3.6 | 4.3 | <0.46 | 5.9 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 15.5 |
| | 07/28/98 | <0.25 | 1 | 1.6 | <0.25 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 2.6 |
| | 09/07/99 | 1.9 | 1.1 | 3.2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 6.2 |
| | 04/25/00 | 1.2 | 0.74 | 1.9 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 3.84 |
| | 09/25/00 | 1.5 | 0.72 | 3.0 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5.22 |
| | 04/19/01 | 2.7 | 0.68 | 6.0 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 9.38 |
| | 09/27/01 | 7.5 | 1.3 | 21.0 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 29.8 |
| | 04/16/02 | 2.1 | 0.4 | 3.2 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 5.7 |
| | 11/19/02 | 4.0 | 0.53 | 7.8 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 12.33 |
| | 06/24/03 | 2.5 | <0.50 | 2.6 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 5.1 |
| | 10/20/03 | 2.8 | <0.50 | 2.0 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 4.8 |
| 09/20/04 | 2.8 | <0.50 | 2.8 | <0.20 | NA | NA | NA | NA | NA | NA | NA | NA | 5.6 | |
| (A) EX-1 | 11/07/91 | 8.2 | 3.7 | 20 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | 0.7 | <1 | <0.5 | 64.5 |
| | 12/18/91 | 6.3 | 3.9 | 14.6 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | 0.5 | <1 | <0.5 | 50.1 |
| | 11/11/93 | 6.8 | 2.3 | 13 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 22.1 |
| | 12/13/94 | 4.7 | 2.7 | 11 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 18.4 |
| | 06/21/95 | 6.2 | <0.13 | 14.7 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | <0.30 | NA | <0.19 | 20.9 |
| | 08/13/96 | 2.8 | 1.6 | 6.7 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 11.1 |
| | 07/23/97 | 3.1 | 1.5 | 5.4 | <0.46 | 5.5 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 15.5 |
| | 07/28/98 | <0.25 | 0.47 | 5.2 | <0.25 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | <0.23 | <0.87 | <0.15 | 5.67 |
| | 09/07/99 | 3.4 | 0.32 | 8.7 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 12.42 |
| | 09/26/00 | 3.0 | 0.39 | 11 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 14.39 |
| | 10/02/01 | 7.1 | <0.25 | 27 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 34.1 |
| | 09/21/04 | 3.8 | <0.50 | 4.2 | <0.20 | NA | NA | NA | NA | NA | NA | NA | NA | 8 |
| (SA) EX-7 | 11/07/91 | 37.0 | 5 | 350 | <0.3 | <0.5 | 0.6 | <0.5 | <1.6 | <0.5 | 1.5 | 3.3 | <0.5 | 796.0 |
| | 12/18/91 | 44.0 | 5.1 | 241 | <0.3 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | 2.3 | 2.2 | <0.5 | 584.7 |
| | 11/11/93 | 27.0 | 8.1 | 160 | <0.3 | <0.5 | <0.5 | 0.6 | <0.5 | 0.7 | 3.6 | <1.0 | <0.5 | 200.0 |
| | 12/13/94 | 19.6 | 0.8 | 62.8 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 83.2 |
| | 06/21/95 | 60.6 | <0.13 | 105 | <0.27 | <0.5 | <0.28 | <0.12 | | <0.18 | 2.4 | NA | <0.19 | 168.0 |
| | 08/13/96 | 48.3 | <0.5 | 243 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 291.3 |
| | 07/23/97 | 24.0 | 0.49 | 130 | <0.5 | <3.0 | <0.18 | <0.25 | <0.20 | <0.73 | 9.5 | <0.87 | <0.15 | 164.0 |
| | 07/28/98 | <50 | <50 | 1000 | <50 | <400 | <50 | <50 | <50 | <50 | <50 | <50 | <50 | 1000.0 |
| | 09/07/99 | 130 | <2.8 | 490 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 620.0 |
| | 04/18/00 | 77 | 0.87 | 150 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 227.9 |
| | 09/26/00 | 56 | <0.56 | 140 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 196.0 |
| | 04/19/01 | 56 | <1.0 | 110 | <1.0 | NA | NA | NA | NA | NA | NA | NA | NA | 166.0 |
| | 04/16/02 | 19 | <0.25 | 35 | <1.0 | NA | NA | NA | NA | NA | NA | NA | NA | 54.0 |
| | 11/19/02 | 26 | 0.4 | 58 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 84.4 |
| | 06/24/03 | 20 | <0.50 | 26 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 46.0 |
| 10/20/03 | <0.50 | <0.50 | 30 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 30.0 | |
| 09/21/04 | 25 | <0.50 | 36 | <0.20 | NA | NA | NA | NA | NA | NA | NA | NA | 61.0 | |
| SES | 11/11/93 | <0.5 | <0.5 | <0.5 | <0.3 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 | 0.0 |
| | 08/16/94 | 1.7 | 25 | 130 | <5 | NA | NA | NA | NA | NA | NA | NA | NA | 156.7 |

Table 2. Summary of Groundwater Monitoring Analytical Results

| WELL | DATE | PCE | 1,1,1-TCA | TCE | Vinyl Chloride | Acetone | Chloroform | 1,1-DCA | 1,2-DCA | 1,1-DCE | CIS-1,2-DCE | Methylene Chloride | 1,1,2-TCA | Total VOCs |
|-------------------------------------|----------|-------|-----------|-------|----------------|---------|------------|---------|---------|---------|-------------|--------------------|-----------|------------|
| NR 140 ES | | 5.0 | 200 | 5 | 0.2 | 1000 | 6 | 850 | 5 | 7 | 70 | 5 | 5 | |
| NR 140 PAL | | 0.5 | 40 | 0.5 | 0.02 | 200 | 0.6 | 85 | 0.5 | 0.7 | 7 | 0.5 | 0.5 | |
| Southe: SES Extraction System | 06/21/95 | 1.7 | 14 | 90 | <0.27 | <0.5 | <0.28 | 0.8 | | 1.1 | <0.30 | NA | <0.19 | 107.6 |
| | 11/07/95 | 12.2 | 11.5 | 67.2 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 90.9 |
| | 01/25/96 | 9.1 | 9.6 | 65 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 83.7 |
| | 05/13/96 | 1.5 | 10.4 | 92.3 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 104.2 |
| | 08/13/96 | 4.6 | 7.8 | 47.1 | <0.5 | <0.5 | <0.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 59.5 |
| | 10/08/96 | <0.5 | <0.5 | 1.5 | <0.5 | <0.5 | 8.5 | <0.5 | <1.6 | <0.5 | NA | NA | <0.5 | 14.8 |
| | 01/20/97 | 8.5 | 5 | 31 | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | 44.5 |
| | 03/31/97 | 6.3 | 3.4 | 24 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 33.7 |
| | 07/23/97 | 7.5 | 4.8 | 26 | <0.46 | 6.2 | <0.18 | 0.27 | <0.20 | <0.73 | 1.9 | <0.87 | <0.15 | 46.7 |
| | 11/18/97 | 10.0 | 6.2 | 49 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 65.2 |
| | 03/23/98 | 7.8 | 2.5 | 24 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 34.3 |
| | 07/28/98 | <0.25 | 0.68 | 3.8 | <0.25 | <2.0 | <0.25 | <0.25 | <0.25 | <0.25 | 0.41 | <0.25 | <0.25 | 4.9 |
| | 09/25/98 | <0.63 | 38 | 25 | <0.46 | NA | NA | NA | NA | NA | NA | NA | 1.1 | 64.1 |
| | 12/08/98 | <0.63 | 35 | 27 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 62 |
| | 03/11/99 | <0.63 | 36 | 28 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 64 |
| | 09/02/99 | 4.3 | 0.70 | 5.3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 10.3 |
| 04/18/00 | 1.6 | <0.28 | 1.8 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 3.4 | |
| 09/27/00 | 2.2 | 0.35 | 2.2 | <0.46 | NA | NA | NA | NA | NA | NA | NA | NA | 4.75 | |
| 04/19/01 | 1.4 | <0.25 | 1.6 | <0.25 | NA | NA | NA | NA | NA | NA | NA | NA | 3 | |
| 10/01/01 | 1.2 | 0.36 | 2.4 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 3.96 | |
| 04/16/02 | 1.0 | <0.25 | 2.4 | NA | NA | NA | NA | NA | NA | NA | NA | <0.25 | 3.4 | |

Notes:

All values listed are in parts per billion (ug/L).

SA = Semi-Annual monitoring point.

A = Annual monitoring point.

ES = Enforcement Standard, PAL = Preventative Action Limit

Orange Highlight = above ES, Yellow Highlight = above PAL

ND = not detected, NA = not analyzed

Table 3. Summary of VOCs Analytical Results for Southeast Extraction System (SES) Area and Chip Storage Extraction System (CSES) Area Groundwater Investigation

| Parameter | | 1,1,1-TCA | 1,1,2-TCA | PCE | TCE | Vinyl Chloride | TOTAL VOCs | |
|------------------------|---------------|-----------|-----------|-------|-------------|----------------|------------|-------|
| Units | | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | |
| NR140 ES | | 200 | 5.0 | 5.0 | 5.0 | 0.2 | NA | |
| NR140 PAL | | 40 | 0.5 | 0.5 | 0.5 | 0.02 | NA | |
| Sample ID | Sample Date | | | | | | | |
| SES Monitoring Points | TW-303 | 09/25/03 | <0.5 | <0.25 | <0.50 | 6.2 | <0.25 | 6.2 |
| | | 12/15/03 | 0.87 | <0.25 | <0.50 | 12 | <0.20 | 12.87 |
| | | 09/17/04 | 1.8 | NA | <0.50 | 14 | <0.20 | 15.8 |
| | TW-304 | 09/25/03 | <0.5 | <0.25 | <0.5 | <0.25 | <0.25 | 0 |
| | | 12/15/03 | <0.5 | <0.25 | <0.5 | <0.20 | <0.20 | 0 |
| | | 09/17/04 | <0.50 | NA | <0.50 | <0.20 | <0.20 | 0 |
| | TW-305 | 10/02/03 | 14 | <0.25 | <0.5 | 180 | <0.25 | 194 |
| | | 12/15/03 | 6.6 | <0.50 | <1.0 | 100 | <0.40 | 106.6 |
| | | 09/17/04 | <0.50 | NA | <0.50 | <0.20 | <0.20 | 0 |
| | TW-306 | 10/02/03 | <0.5 | <0.25 | <0.5 | <0.25 | <0.25 | 0 |
| | | 12/15/03 | <0.5 | <0.25 | <0.5 | <0.20 | <0.20 | 0 |
| | | 09/17/04 | 6.1 | NA | <u>0.64</u> | 81 | <0.20 | 87.74 |
| CSES Monitoring Points | MW-1026 | 09/25/03 | 25 | <0.25 | <0.5 | 6.1 | <0.25 | 31.1 |
| | | 12/15/03 | 34 | <0.25 | <0.50 | 10 | <0.20 | 44 |
| | Back North | 09/20/03 | 4.3 | <0.25 | <0.50 | <0.25 | <0.25 | 4.3 |
| | Back Middle | 09/20/03 | 2.4 | <0.25 | <0.50 | 0.44 | <0.25 | 2.84 |
| | Back South | 09/20/03 | 2.3 | <0.25 | <0.50 | <u>3.7</u> | <0.25 | 6 |
| | Middle North* | 09/20/03 | 32 | 0.31 | <0.50 | 15 | <0.25 | 47.31 |
| | CSEX-3* | 12/15/03 | 22 | <0.25 | <0.50 | 10 | <0.20 | 32 |
| | Middle South | 09/20/03 | 32 | 0.31 | <0.50 | 15 | <0.25 | 47.31 |

Notes:

ug/L = micrograms per liter, which is equivalent to parts per billion.

NR140 ES = Chapter NR140 Enforcement Standard

NR140 PAL = Chapter NR140 Preventive Action Limit

TCA = Trichloroethane

PCE = Tetrachloroethene

TCE = Trichloroethene

VOCs = Volatile Organic Compounds

Bold values exceed NR140 ES.

Underlined values exceed NR140 PAL.

Samples with a "TW" designation were collected from temporary monitor wells installed in the SES area.

MW-1026 is a monitor well located downgradient of the CSES.

Back North, Back Middle, Back South, Middle North, Middle South and CSEX-3 samples were collected from the dual extraction wells in the CSES.

*Middle North and CSEX-3 samples were collected from the same dual extraction well in the CSES.

The Middle North/CSEX-3 dual extraction well was the only operational dual extraction well during the December 15, 2003 sampling round.

**Table 4. Site-Specific and Generic Soil Performance Standards for Former Sump Source Area
Pentair Water (formerly Sta-Rite Industries), Delavan NPL Site**

| Site-Specific Soil Performance Standards | | Trichloroethene (TCE) | Tetrachloroethene (PCE) | 1,1,1-Trichloroethane (TCA) | cis-1,2-Dichloroethene (DCE) |
|--|-------|-----------------------|-------------------------|-----------------------------|------------------------------|
| Equation | Units | | | | |
| Soil/Water Partitioning | mg/kg | 0.03 | 0.03 | 1.01 | 0.21 |
| | ug/kg | 30 | 30 | 1,014 | 210 |
| Mass-Limit | mg/kg | 0.048 | 0.048 | 1.93 | 0.68 |
| | ug/kg | 48 | 48 | 1,930 | 675 |
| Generic Soil Performance Standards | | Trichloroethene (TCE) | Tetrachloroethene (PCE) | 1,1,1-Trichloroethane (TCA) | cis-1,2-Dichloroethene (DCE) |
| Equation | Units | | | | |
| Soil/Water Partitioning | mg/kg | 0.06 | 0.06 | 2 | 0.4 |
| | ug/kg | 60 | 60 | 2000 | 400 |

Notes: Generic soil performance standards taken from Exhibit A-1 in Appendix A of EPA guidance document entitled "Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites (March 2001)

Equations and calculations for site-specific soil performance standards provided in Appendix F.

Table 5. Groundwater Monitoring Program
 Sta-Rite Industries, Delavan, Wisconsin

| Monitoring Point | Sampling Frequency | Parameters |
|----------------------------------|---------------------------|-------------------|
| Plant 1 Monitoring Points | | |
| MW-1026 | Semi-Annual | TCE, TCA, PCE |
| MW-1027 | Semi-Annual | TCE, TCA, PCE |
| D-25R | Semi-Annual | TCE, TCA, PCE |
| TW-4 | Annual | VOCs |
| EX-2R | Annual | TCE, TCA, PCE |
| EX-3 | Annual | TCE, TCA, PCE |
| Plant 2 Monitoring Points | | |
| TW-3 | Semi-Annual | TCE, TCA, PCE |
| D-15 | Semi-Annual | TCE, TCA, PCE |
| EX-7 | Semi-Annual | TCE, TCA, PCE |
| TW-1 | Annual | TCE, TCA, PCE |
| | Semi-Annual | TCE, TCA, PCE |
| MW-2004 | Annual | TCE, TCA, PCE |
| MW-2005 | Annual | TCE, TCA, PCE |
| MW-2011* | Semi-Annual | TCE, TCA, PCE |
| D-18 | Annual | TCE, TCA, PCE |
| EX-1 | Annual | TCE, TCA, PCE |
| Site Monitoring Point | | |
| Storm Sewer Grate (SS-1) | Semi-Annual | TCE, TCA, PCE |

* Proposed new monitor well located near Southeast Extraction System Area.

APPENDIX A

SOIL SAMPLE ANALYTICAL RESULTS

MASTERFILE COPY
PROJECT # 4169.002

ANALYTICAL REPORT

RECEIVED

NSI Geotrans
Milwaukee

Mr. Mark Manthey
GEOTRANS, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

10/21/2004

Job No: 04.10627

Page 1 of 17

The following samples were received by TestAmerica for analysis:

4169.002.05 Sta-Rite Delavan

| Sample Number | Sample Description | Date Taken | Date Received |
|---------------|--------------------|------------|---------------|
| 591992 | 16' | 10/08/2004 | 10/13/2004 |
| 591993 | 20' | 10/08/2004 | 10/13/2004 |
| 591994 | 24' | 10/08/2004 | 10/13/2004 |
| 591995 | 26' | 10/08/2004 | 10/13/2004 |
| 591996 | 28' | 10/08/2004 | 10/13/2004 |

Soil results reported
on a dry weight basis.



Brian DeJong
Organic Operations Manager

GEOTRANS, INC.
Job No: 04.10627

10/21/2004
Page 2 of 17

KEY TO DATA FLAGS

The attached sample(s) may have a result flag shown on the report. The following are the result flag definitions:

| | |
|--|---------------------------------------|
| A = Analyzed/extracted past hold time | B = Blank is contaminated |
| C = Standard outside of control limits | D = Diluted for analysis |
| E = TCLP extraction outside of method required temperature range | G = Received past hold time |
| F = Sample filtered in lab | I = Improperly handled sample |
| H = Late eluting hydrocarbons present | L = Common lab solvent |
| J = Estimated concentration | P = Improperly preserved sample |
| M = Matrix interference | S = Sediment present |
| Q = Result confirmed via re-analysis | W = BOD re-set due to missed dilution |
| T = Does not match typical pattern | Z = Internal standard outside limits |
| X = Unidentified compound(s) present | |
| * = See Case Narrative | |

KEY TO ANALYST INITIALS

The attached sample(s) may have been analyzed by another certified laboratory. If a number appears in the Analyst Initials field, the following are the appropriate certifications (if the lab code does not appear below, that means that certification is not required for the work performed):

| Lab Code | Certification Number |
|----------|---|
| 008 | WDNR - 999766900 |
| 009 | WDNR - 241293690 |
| 020 | WDNR - 999447680 |
| 030 | ILNELAC - 100230; WDNR - 998294430 |
| 060 | ILNELAC - 100221; WDNR - 999447130 |
| 070 | IA - 007; ILNELAC - 000668; MDH - 019-999-319; WDNR - 999917270 |
| 130 | WDNR - 632021390 |
| 147 | WDNR - 721026460 |
| 300 | FLNELAC - 87358; IA - 131; MDH - 047-999-345; WDNR - 998020430 |
| 400 | WDNR - 113133790 |
| 510 | WDNR - 241249360 |
| 520 | WDNR - 999518190; ILNELAC - 100439 |
| 700 | WDNR - 113289110 |

TestAmerica Watertown Certifications: WI DNR - 128053530; IL NELAC - 100453; IA DNR - 294; MN DoH - 055-999-366; ND DoH R-046; AR DEQ - 88-0808

Unless sub-contracted (see above), volatiles analyses (including VOC, PVOC, GRO, BTEX and TPH Gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at 602 Commerce Drive, Watertown WI 53094.

Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

For questions regarding this report, please contact Dan Milewsky or Warren Topel.

ANALYTICAL REPORT

Mr. Mark Manthey
GEOTRANS, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

10/21/2004
Job No: 04.10627
Sample No: 591992
Account No: 39150
Page 3 of 17

JOB DESCRIPTION: 4169.002.05 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: 16'
Rec'd at 3 degrees C

Date/Time Taken: 10/08/2004 09:30

Date Received: 10/13/2004

| Parameter | Results | Units | Reporting Limit | Method | Date Analyzed | Analyst | Prep/Run Batch |
|-----------------------------|---------|-------|-----------------|----------|---------------|---------|----------------|
| Solids, Total | 91.6 | % | n/a | SW 5035 | 10/20/2004 | klh | 5821 |
| VOC - METHANOL - 8260B | | | | | | | |
| Benzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromobenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromochloromethane | <41 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromodichloromethane | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromoform | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromomethane | <120 | ug/kg | 100 | SW 8260B | 10/19/2004 | aba | 3093 |
| n-Butylbenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| sec-Butylbenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| tert-Butylbenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Carbon Tetrachloride | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chlorobenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chlorodibromomethane | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chloroethane | <60 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chloroform | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chloromethane | <60 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 2-Chlorotoluene | <60 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 4-Chlorotoluene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dibromo-3-Chloropropane | <60 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dibromoethane (EDB) | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Dibromomethane | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dichlorobenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,3-Dichlorobenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,4-Dichlorobenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Dichlorodifluoromethane | <60 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1-Dichloroethane | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dichloroethane | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1-Dichloroethene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| cis-1,2-Dichloroethene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| trans-1,2-Dichloroethene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dichloropropane | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,3-Dichloropropane | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 2,2-Dichloropropane | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1-Dichloropropene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| cis-1,3-Dichloropropene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| trans-1,3-Dichloropropene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Di-isopropyl ether | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Ethylbenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |

ANALYTICAL REPORT

Mr. Mark Manthey
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Suite 100
Brookfield, WI 53045

10/21/2004
Job No: 04.10627
Sample No: 591992
Account No: 39150
Page 4 of 17

JOB DESCRIPTION: 4169.002.05 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: 16'
Rec'd at 3 degrees C

Date/Time Taken: 10/08/2004 09:30

Date Received: 10/13/2004

| Parameter | Results | Units | Reporting | Method | Date | Prep/Run | |
|----------------------------|---------|-------|-----------|----------|------------|----------|-------|
| | | | Limit | | Analyzed | Analyst | Batch |
| Hexachlorobutadiene | <41 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Isopropylbenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| p-Isopropyltoluene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Methylene Chloride | <60 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| Methyl-t-butyl ether | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Naphthalene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| n-Propylbenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Styrene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,1,2-Tetrachloroethane | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,2,2-Tetrachloroethane | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Tetrachloroethene | 69 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Toluene | 31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,3-Trichlorobenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,4-Trichlorobenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,1-Trichloroethane | 229 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,2-Trichloroethane | <41 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Trichloroethene | 131 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Trichlorofluoromethane | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,3-Trichloropropane | <120 | ug/kg | 100 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,4-Trimethylbenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,3,5-Trimethylbenzene | <31 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Vinyl Chloride | <41 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Xylenes, Total | <41 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Surr: Dibromofluoromethane | 95 | † | 82-112 | SW 8260B | 10/19/2004 | aba | 3093 |
| Surr: Toluene-d8 | 102 | † | 91-106 | SW 8260B | 10/19/2004 | aba | 3093 |
| Surr: Bromofluorobenzene | 105 | † | 89-110 | SW 8260B | 10/19/2004 | aba | 3093 |

ANALYTICAL REPORT

Mr. Mark Manthey
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Suite 100
Brookfield, WI 53045

10/21/2004
Job No: 04.10627
Sample No: 591993
Account No: 39150
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JOB DESCRIPTION: 4169.002.05 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: 20'
Rec'd at 3 degrees C

Date/Time Taken: 10/08/2004 09:35

Date Received: 10/13/2004

| Parameter | Results | Units | Reporting | Method | Date | Prep/Run | |
|-----------------------------|---------|-------|-----------|----------|------------|----------|-------|
| | | | Limit | | Analyzed | Analyst | Batch |
| Solids, Total | 92.3 | % | n/a | SW 5035 | 10/20/2004 | klh | 5821 |
| VOC - METHANOL - 8260B | | | | | | | |
| Benzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromochloromethane | <38 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromodichloromethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromoform | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromomethane | <108 | ug/kg | 100 | SW 8260B | 10/19/2004 | aba | 3093 |
| n-Butylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| sec-Butylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| tert-Butylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Carbon Tetrachloride | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chlorodibromomethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chloroethane | <54 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chloroform | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chloromethane | <54 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 2-Chlorotoluene | <54 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 4-Chlorotoluene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dibromo-3-Chloropropane | <54 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dibromoethane (EDB) | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Dibromomethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,3-Dichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,4-Dichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Dichlorodifluoromethane | <54 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1-Dichloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dichloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1-Dichloroethene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| cis-1,2-Dichloroethene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| trans-1,2-Dichloroethene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dichloropropane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,3-Dichloropropane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 2,2-Dichloropropane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1-Dichloropropene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| cis-1,3-Dichloropropene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| trans-1,3-Dichloropropene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Di-isopropyl ether | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Ethylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |

ANALYTICAL REPORT

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175 N. Corporate Drive
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10/21/2004
Job No: 04.10627
Sample No: 591993
Account No: 39150
Page 6 of 17

JOB DESCRIPTION: 4169.002.05 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: 20'
Rec'd at 3 degrees C

Date/Time Taken: 10/08/2004 09:35

Date Received: 10/13/2004

| Parameter | Results | Units | Reporting | Method | Date | Prep/Run | |
|----------------------------|---------|-------|-----------|----------|------------|----------|---------|
| | | | Limit | | Analyzed | | Analyst |
| Hexachlorobutadiene | <38 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Isopropylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| p-Isopropyltoluene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Methylene Chloride | <54 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| Methyl-t-butyl ether | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Naphthalene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| n-Propylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Styrene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,1,2-Tetrachloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,2,2-Tetrachloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Tetrachloroethene | 163 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Toluene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,3-Trichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,4-Trichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,1-Trichloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,2-Trichloroethane | <38 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Trichloroethene | 758 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Trichlorofluoromethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,3-Trichloropropane | <108 | ug/kg | 100 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,4-Trimethylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,3,5-Trimethylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Vinyl Chloride | <38 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Xylenes, Total | <38 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Surr: Dibromofluoromethane | 93 | † | 82-112 | SW 8260B | 10/19/2004 | aba | 3093 |
| Surr: Toluene-d8 | 101 | † | 91-106 | SW 8260B | 10/19/2004 | aba | 3093 |
| Surr: Bromofluorobenzene | 105 | † | 89-110 | SW 8260B | 10/19/2004 | aba | 3093 |

ANALYTICAL REPORT

Mr. Mark Manthey
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10/21/2004
Job No: 04.10627
Sample No: 591994
Account No: 39150
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JOB DESCRIPTION: 4169.002.05 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: 24'
Rec'd at 3 degrees C

Date/Time Taken: 10/08/2004 09:40

Date Received: 10/13/2004

| Parameter | Results | Units | Reporting | Method | Date | Prep/Run |
|-----------------------------|---------|-------|-----------|----------|------------|----------|
| | | | Limit | | Analyzed | Analyst |
| Solids, Total | 93.1 | % | n/a | SW 5035 | 10/20/2004 | klh 5821 |
| VOC - METHANOL - 8260B | M | | | | | |
| Benzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Bromobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Bromochloromethane | <38 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba 3093 |
| Bromodichloromethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Bromoform | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Bromomethane | <107 | ug/kg | 100 | SW 8260B | 10/19/2004 | aba 3093 |
| n-Butylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| sec-Butylbenzene | 92 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| tert-Butylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Carbon Tetrachloride | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Chlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Chlorodibromomethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Chloroethane | <54 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba 3093 |
| Chloroform | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Chloromethane | <54 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba 3093 |
| 2-Chlorotoluene | <54 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba 3093 |
| 4-Chlorotoluene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,2-Dibromo-3-Chloropropane | <54 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,2-Dibromoethane (EDB) | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Dibromomethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,2-Dichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,3-Dichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,4-Dichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Dichlorodifluoromethane | <54 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,1-Dichloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,2-Dichloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,1-Dichloroethene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| cis-1,2-Dichloroethene | 88 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| trans-1,2-Dichloroethene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,2-Dichloropropane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,3-Dichloropropane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 2,2-Dichloropropane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,1-Dichloropropene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| cis-1,3-Dichloropropene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| trans-1,3-Dichloropropene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Di-isopropyl ether | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Ethylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |

ANALYTICAL REPORT

Mr. Mark Manthey
GEOTRANS, INC.
175 N. Corporate Drive
Suite 100
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10/21/2004
Job No: 04.10627
Sample No: 591994
Account No: 39150
Page 8 of 17

JOB DESCRIPTION: 4169.002.05 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: 24'
Rec'd at 3 degrees C

Date/Time Taken: 10/08/2004 09:40

Date Received: 10/13/2004

| Parameter | Results | Units | Reporting | Method | Date | Prep/Run | |
|----------------------------|---------|-------|-----------|----------|------------|----------|-------|
| | | | Limit | | Analyzed | Analyst | Batch |
| Hexachlorobutadiene | <38 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Isopropylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| p-Isopropyltoluene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Methylene Chloride | <54 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| Methyl-t-butyl ether | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Naphthalene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| n-Propylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Styrene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,1,2-Tetrachloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,2,2-Tetrachloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Tetrachloroethene | 666 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Toluene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,3-Trichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,4-Trichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,1-Trichloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,2-Trichloroethane | <38 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Trichloroethene | 107 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Trichlorofluoromethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,3-Trichloropropane | <107 | ug/kg | 100 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,4-Trimethylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,3,5-Trimethylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Vinyl Chloride | <38 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Xylenes, Total | <38 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Surr: Dibromofluoromethane | 95 | t | 82-112 | SW 8260B | 10/19/2004 | aba | 3093 |
| Surr: Toluene-d8 | 102 | t | 91-106 | SW 8260B | 10/19/2004 | aba | 3093 |
| Surr: Bromofluorobenzene | C,M 120 | t | 89-110 | SW 8260B | 10/19/2004 | aba | 3093 |

ANALYTICAL REPORT

Mr. Mark Manthey
GEOTRANS, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

10/21/2004
Job No: 04.10627
Sample No: 591995
Account No: 39150
Page 9 of 17

JOB DESCRIPTION: 4169.002.05 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: 26'
Rec'd at 3 degrees C

Date/Time Taken: 10/08/2004 09:45

Date Received: 10/13/2004

| Parameter | Results | Units | Reporting | Method | Date | Prep/Run | |
|-----------------------------|---------|-------|-----------|----------|------------|----------|-------|
| | | | Limit | | Analyzed | Analyst | Batch |
| Solids, Total | 92.9 | t | n/a | SW 5035 | 10/20/2004 | klh | 5821 |
| VOC - METHANOL - 8260B | N | | | | | | |
| Benzene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromobenzene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromochloromethane | <41 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromodichloromethane | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromoform | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromomethane | <118 | ug/kg | 100 | SW 8260B | 10/19/2004 | aba | 3093 |
| n-Butylbenzene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| sec-Butylbenzene | 205 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| tert-Butylbenzene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Carbon Tetrachloride | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chlorobenzene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chlorodibromomethane | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chloroethane | <59 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chloroform | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chloromethane | <59 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 2-Chlorotoluene | <59 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 4-Chlorotoluene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dibromo-3-Chloropropane | <59 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dibromoethane (EDB) | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Dibromomethane | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dichlorobenzene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,3-Dichlorobenzene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,4-Dichlorobenzene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Dichlorodifluoromethane | <59 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1-Dichloroethane | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dichloroethane | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1-Dichloroethane | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| cis-1,2-Dichloroethene | 108 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| trans-1,2-Dichloroethene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dichloropropane | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,3-Dichloropropane | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 2,2-Dichloropropane | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1-Dichloropropene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| cis-1,3-Dichloropropene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| trans-1,3-Dichloropropene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Di-isopropyl ether | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Ethylbenzene | 85 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |

ANALYTICAL REPORT

Mr. Mark Manthey
GEOTRANS, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

10/21/2004
Job No: 04.10627
Sample No: 591995
Account No: 39150
Page 10 of 17

JOB DESCRIPTION: 4169.002.05 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: 26'
Rec'd at 3 degrees C

Date/Time Taken: 10/08/2004 09:45

Date Received: 10/13/2004

| Parameter | Results | Units | Reporting | | Date | | Prep/Run |
|----------------------------|---------|-------|-----------|----------|------------|---------|----------|
| | | | Limit | Method | Analyzed | Analyst | Batch |
| Hexachlorobutadiene | <41 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Isopropylbenzene | 58 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| p-Isopropyltoluene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Methylene Chloride | <59 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| Methyl-t-butyl ether | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Naphthalene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| n-Propylbenzene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Styrene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,1,2-Tetrachloroethane | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,2,2-Tetrachloroethane | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Tetrachloroethane | 2,050 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Toluene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,3-Trichlorobenzene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,4-Trichlorobenzene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,1-Trichloroethane | 129 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1,2-Trichloroethane | <41 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Trichloroethene | 172 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Trichlorofluoromethane | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,3-Trichloropropane | <118 | ug/kg | 100 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2,4-Trimethylbenzene | <30 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,3,5-Trimethylbenzene | 74 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Vinyl Chloride | <41 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Xylenes, Total | <41 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Surr: Dibromofluoromethane | 96 | t | 82-112 | SW 8260B | 10/19/2004 | aba | 3093 |
| Surr: Toluene-d8 | 103 | t | 91-106 | SW 8260B | 10/19/2004 | aba | 3093 |
| Surr: Bromofluorobenzene | C,M 114 | t | 89-110 | SW 8260B | 10/19/2004 | aba | 3093 |

ANALYTICAL REPORT

Mr. Mark Manthey
GEOTRANS, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

10/21/2004
Job No: 04.10627
Sample No: 591996
Account No: 39150
Page 11 of 17

JOB DESCRIPTION: 4169.002.05 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: 28'
Rec'd at 3 degrees C

Date/Time Taken: 10/08/2004 09:50

Date Received: 10/13/2004

| Parameter | Results | Units | Reporting | Method | Date | | Prep/Run |
|-----------------------------|---------|-------|-----------|----------|------------|---------|----------|
| | | | Limit | | Analyzed | Analyst | |
| Solids, Total | 93.5 | % | n/a | SW 5035 | 10/20/2004 | klh | 5821 |
| VOC - METHANOL - 8260B | | | | | | | |
| Benzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromochloromethane | <37 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromodichloromethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromoform | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Bromomethane | <107 | ug/kg | 100 | SW 8260B | 10/19/2004 | aba | 3093 |
| n-Butylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| sec-Butylbenzene | 44 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| tert-Butylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Carbon Tetrachloride | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chlorodibromomethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chloroethane | <53 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chloroform | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Chloromethane | <53 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 2-Chlorotoluene | <53 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 4-Chlorotoluene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dibromo-3-Chloropropane | <53 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dibromoethane (EDB) | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Dibromomethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,3-Dichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,4-Dichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Dichlorodifluoromethane | <53 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1-Dichloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dichloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1-Dichloroethene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| cis-1,2-Dichloroethene | 1,030 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| trans-1,2-Dichloroethene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,2-Dichloropropane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,3-Dichloropropane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 2,2-Dichloropropane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| 1,1-Dichloropropene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| cis-1,3-Dichloropropene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| trans-1,3-Dichloropropene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Di-isopropyl ether | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |
| Ethylbenzene | 321 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba | 3093 |

ANALYTICAL REPORT

Mr. Mark Manthey
GEOTRANS, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

10/21/2004
Job No: 04.10627
Sample No: 591996
Account No: 39150
Page 12 of 17

JOB DESCRIPTION: 4169.002.05 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: 28'
Rec'd at 3 degrees C

Date/Time Taken: 10/08/2004 09:50

Date Received: 10/13/2004

| Parameter | Results | Units | Reporting | Method | Date | Prep/Run |
|----------------------------|---------|-------|-----------|----------|------------|----------|
| | | | Limit | | Analyzed | |
| Hexachlorobutadiene | <37 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba 3093 |
| Isopropylbenzene | 43 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| p-Isopropyltoluene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Methylene Chloride | <53 | ug/kg | 50 | SW 8260B | 10/19/2004 | aba 3093 |
| Methyl-t-butyl ether | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Naphthalene | 28 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| n-Propylbenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Styrene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,1,1,2-Tetrachloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,1,2,2-Tetrachloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Tetrachloroethene | 1,930 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Toluene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,2,3-Trichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,2,4-Trichlorobenzene | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,1,1-Trichloroethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,1,2-Trichloroethane | <37 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba 3093 |
| Trichloroethene | 3,740 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Trichlorofluoromethane | <27 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,2,3-Trichloropropane | <107 | ug/kg | 100 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,2,4-Trimethylbenzene | 171 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| 1,3,5-Trimethylbenzene | 100 | ug/kg | 25 | SW 8260B | 10/19/2004 | aba 3093 |
| Vinyl Chloride | <37 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba 3093 |
| Xylenes, Total | 321 | ug/kg | 35 | SW 8260B | 10/19/2004 | aba 3093 |
| Surr: Dibromofluoromethane | 95 | † | 82-112 | SW 8260B | 10/19/2004 | aba 3093 |
| Surr: Toluene-d8 | 101 | † | 91-106 | SW 8260B | 10/19/2004 | aba 3093 |
| Surr: Bromofluorobenzene | 110 | † | 89-110 | SW 8260B | 10/19/2004 | aba 3093 |

QUALITY CONTROL REPORT CONTINUING CALIBRATION VERIFICATION

10/21/2004

Mr. Mark Manthey
GEOTRANS, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

Job No: 04.10627
Account No: 39150

Page 13 of 17

Job Description: 4169.002.05 Sta-Rite Delavan

| Parameter | Run Batch | True Value | Observed Value | Percent Recovery | Control Limits |
|----------------------------|-----------|------------|----------------|------------------|----------------|
| VOC - METHANOL - 8260B | | | | | |
| Benzene | 3093 | 50.0 | 48.5 | 97 | 85 - 115 |
| Bromoform | 3093 | 50.0 | 44.7 | 89 | |
| Chlorobenzene | 3093 | 50.0 | 48.0 | 96 | 85 - 115 |
| Chloroform | 3093 | 50.0 | 46.0 | 92 | 80 - 120 |
| Chloromethane | 3093 | 50.0 | 53.4 | 107 | |
| 1,1-Dichloroethane | 3093 | 50.0 | 49.7 | 99 | |
| 1,1-Dichloroethene | 3093 | 50.0 | 50.7 | 101 | 80 - 120 |
| 1,2-Dichloropropane | 3093 | 50.0 | 53.4 | 107 | 80 - 120 |
| Di-isopropyl ether | 3093 | 50.0 | 53.9 | 108 | |
| Ethylbenzene | 3093 | 50.0 | 49.1 | 98 | 80 - 120 |
| Methyl-t-butyl ether | 3093 | 50.0 | 47.2 | 94 | 80 - 120 |
| 1,1,2,2-Tetrachloroethane | 3093 | 50.0 | 47.6 | 95 | |
| Toluene | 3093 | 50.0 | 48.1 | 96 | 80 - 120 |
| Trichloroethene | 3093 | 50.0 | 47.8 | 96 | |
| 1,2,4-Trimethylbenzene | 3093 | 50.0 | 49.4 | 99 | |
| 1,3,5-Trimethylbenzene | 3093 | 50.0 | 49.9 | 100 | |
| Vinyl Chloride | 3093 | 50.0 | 54.0 | 108 | 80 - 120 |
| Xylenes, Total | 3093 | 150 | 151 | 101 | |
| Surr: Dibromofluoromethane | 3093 | 50.0 | 45.6 | 91 | 87 - 111 |
| Surr: Toluene-d8 | 3093 | 50.0 | 47.0 | 94 | 88 - 110 |
| Surr: Bromofluorobenzene | 3093 | 50.0 | 52.3 | 105 | 90 - 108 |

QUALITY CONTROL REPORT BLANKS

10/21/2004

Mr. Mark Manthey
GEOTRANS, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

Job No: 04.10627
Account No: 39150

Page 14 of 17

Job Description: 4169.002.05 Sta-Rite Delavan

| Parameter | Prep Batch | Run Batch | Blank Result | Reporting Limit | Units |
|-----------------------------|------------|-----------|--------------|-----------------|-------|
| VOC - METHANOL - 8260B | | | | | |
| Benzene | | 3093 | <25 | 25 | ug/kg |
| Bromobenzene | | 3093 | <25 | 25 | ug/kg |
| Bromochloromethane | | 3093 | <35 | 35 | ug/kg |
| Bromodichloromethane | | 3093 | <25 | 25 | ug/kg |
| Bromoform | | 3093 | <25 | 25 | ug/kg |
| Bromomethane | | 3093 | <100 | 100 | ug/kg |
| n-Butylbenzene | | 3093 | <25 | 25 | ug/kg |
| sec-Butylbenzene | | 3093 | <25 | 25 | ug/kg |
| tert-Butylbenzene | | 3093 | <25 | 25 | ug/kg |
| Carbon Tetrachloride | | 3093 | <25 | 25 | ug/kg |
| Chlorobenzene | | 3093 | <25 | 25 | ug/kg |
| Chlorodibromomethane | | 3093 | <25 | 25 | ug/kg |
| Chloroethane | | 3093 | <50 | 50 | ug/kg |
| Chloroform | | 3093 | <25 | 25 | ug/kg |
| Chloromethane | | 3093 | <50 | 50 | ug/kg |
| 2-Chlorotoluene | | 3093 | <50 | 50 | ug/kg |
| 4-Chlorotoluene | | 3093 | <25 | 25 | ug/kg |
| 1,2-Dibromo-3-Chloropropane | | 3093 | <50 | 50 | ug/kg |
| 1,2-Dibromoethane (EDB) | | 3093 | <25 | 25 | ug/kg |
| Dibromomethane | | 3093 | <25 | 25 | ug/kg |
| 1,2-Dichlorobenzene | | 3093 | <25 | 25 | ug/kg |
| 1,3-Dichlorobenzene | | 3093 | <25 | 25 | ug/kg |
| 1,4-Dichlorobenzene | | 3093 | <25 | 25 | ug/kg |
| Dichlorodifluoromethane | | 3093 | <50 | 50 | ug/kg |
| 1,1-Dichloroethane | | 3093 | <25 | 25 | ug/kg |
| 1,2-Dichloroethane | | 3093 | <25 | 25 | ug/kg |
| 1,1-Dichloroethene | | 3093 | <25 | 25 | ug/kg |
| cis-1,2-Dichloroethene | | 3093 | <25 | 25 | ug/kg |
| trans-1,2-Dichloroethene | | 3093 | <25 | 25 | ug/kg |
| 1,2-Dichloropropane | | 3093 | <25 | 25 | ug/kg |
| 1,3-Dichloropropane | | 3093 | <25 | 25 | ug/kg |
| 2,2-Dichloropropane | | 3093 | <25 | 25 | ug/kg |
| 1,1-Dichloropropene | | 3093 | <25 | 25 | ug/kg |
| cis-1,3-Dichloropropene | | 3093 | <25 | 25 | ug/kg |
| trans-1,3-Dichloropropene | | 3093 | <25 | 25 | ug/kg |
| Di-isopropyl ether | | 3093 | <25 | 25 | ug/kg |

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT BLANKS

10/21/2004

Mr. Mark Manthey
GEOTRANS, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

Job No: 04.10627
Account No: 39150

Page 15 of 17

Job Description: 4169.002.05 Sta-Rite Delavan

| Parameter | Prep Batch | Run Batch | Blank Result | Reporting Limit | Units |
|----------------------------|------------|-----------|--------------|-----------------|-------|
| Ethylbenzene | | 3093 | <25 | 25 | ug/kg |
| Hexachlorobutadiene | | 3093 | <35 | 35 | ug/kg |
| Isopropylbenzene | | 3093 | <25 | 25 | ug/kg |
| p-Isopropyltoluene | | 3093 | <25 | 25 | ug/kg |
| Methylene Chloride | | 3093 | <50 | 50 | ug/kg |
| Methyl-t-butyl ether | | 3093 | <25 | 25 | ug/kg |
| Naphthalene | | 3093 | <25 | 25 | ug/kg |
| n-Propylbenzene | | 3093 | <25 | 25 | ug/kg |
| Styrene | | 3093 | <25 | 25 | ug/kg |
| 1,1,1,2-Tetrachloroethane | | 3093 | <25 | 25 | ug/kg |
| 1,1,2,2-Tetrachloroethane | | 3093 | <25 | 25 | ug/kg |
| Tetrachloroethene | | 3093 | <25 | 25 | ug/kg |
| Toluene | | 3093 | <25 | 25 | ug/kg |
| 1,2,3-Trichlorobenzene | | 3093 | <25 | 25 | ug/kg |
| 1,2,4-Trichlorobenzene | | 3093 | <25 | 25 | ug/kg |
| 1,1,1-Trichloroethane | | 3093 | <25 | 25 | ug/kg |
| 1,1,2-Trichloroethane | | 3093 | <35 | 35 | ug/kg |
| Trichloroethene | | 3093 | <25 | 25 | ug/kg |
| Trichlorofluoromethane | | 3093 | <25 | 25 | ug/kg |
| 1,2,3-Trichloropropane | | 3093 | <100 | 100 | ug/kg |
| 1,2,4-Trimethylbenzene | | 3093 | <25 | 25 | ug/kg |
| 1,3,5-Trimethylbenzene | | 3093 | <25 | 25 | ug/kg |
| Vinyl Chloride | | 3093 | <35 | 35 | ug/kg |
| Xylenes, Total | | 3093 | <35 | 35 | ug/kg |
| Surr: Dibromofluoromethane | | 3093 | 94.2 | 82-112 | † |
| Surr: Toluene-d8 | | 3093 | 97.2 | 91-106 | † |
| Surr: Bromofluorobenzene | | 3093 | 99.4 | 89-110 | † |

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT LABORATORY CONTROL STANDARD

10/21/2004

Mr. Mark Manthey
GEOTRANS, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

Job No: 04.10627
Account No: 39150

Page 16 of 17

Job Description: 4169.002.05 Sta-Rite Delavan

| Analyte | Prep | Run | LCS Amount | Units | LCS Result | LCSD Result | LCS | LCSD | Relative Control Limits | Relative Percent Difference |
|----------------------------|-----------------|-----------------|---------------|-------|---------------|----------------|---------------------|---------------------|-------------------------------|-----------------------------------|
| | Batch Number | Batch Number | | | | | Percent Recovery | Percent Recovery | | |
| VOC - METHANOL - 8260B | | | | | | | | | | |
| Benzene | | 3093 | 50.0 | ug/kg | 49.0 | 51.4 | 98 | 103 | 64 - 124 | 4.8 |
| Chlorobenzene | | 3093 | 50.0 | ug/kg | 47.6 | 48.4 | 95 | 97 | 80 - 123 | 1.7 |
| 1,1-Dichloroethene | | 3093 | 50.0 | ug/kg | 52.6 | 53.1 | 105 | 106 | 43 - 141 | 0.9 |
| Ethylbenzene | | 3093 | 50.0 | ug/kg | 47.6 | 48.8 | 95 | 98 | 79 - 122 | 2.5 |
| Methyl-t-butyl ether | | 3093 | 50.0 | ug/kg | 50.8 | 55.1 | 102 | 110 | 55 - 137 | 8.1 |
| Toluene | | 3093 | 50.0 | ug/kg | 48.2 | 49.8 | 96 | 100 | 78 - 120 | 3.3 |
| Trichloroethene | | 3093 | 50.0 | ug/kg | 47.2 | 49.4 | 94 | 99 | 78 - 124 | 4.6 |
| 1,2,4-Trimethylbenzene | | 3093 | 50.0 | ug/kg | 48.2 | 49.5 | 96 | 99 | 75 - 128 | 2.7 |
| 1,3,5-Trimethylbenzene | | 3093 | 50.0 | ug/kg | 48.8 | 50.2 | 98 | 100 | 76 - 127 | 2.8 |
| Xylenes, Total | | 3093 | 150 | ug/kg | 147 | 149 | 98 | 99 | 79 - 122 | 1.4 |
| Surr: Dibromofluoromethane | | 3093 | 50.0 | ug/L | 47.5 | 49.9 | 95 | 100 | 87 - 111 | 4.9 |
| Surr: Toluene-d8 | | 3093 | 50.0 | ug/L | 49.4 | 51.7 | 99 | 103 | 88 - 110 | 4.5 |
| Surr: Bromofluorobenzene | | 3093 | 50.0 | ug/L | 53.8 | 54.3 | 108 | 109 | 90 - 108 | 0.9 |

QUALITY CONTROL REPORT DUPLICATES

10/21/2004

Mr. Mark Manthey
 GEOTRANS, INC.
 175 N. Corporate Drive
 Suite 100
 Brookfield, WI 53045

Job No: 04.10627
 Account No: 39150

Page 17 of 17

Job Description: 4169.002.05 Sta-Rite Delavan

| Parameter | Prep Batch Number | Run Batch Number | Sample Value | Duplicate Value | Units | RPD | Control Limit |
|---------------|-------------------------|------------------------|-----------------|--------------------|-------|-----|------------------|
| Solids, Total | | 5821 | 92.3 | 92.4 | † | 0.1 | |
| Solids, Total | | 5821 | 24.2 | 24.7 | † | 2.0 | |

APPENDIX B

GROUNDWATER MONITORING ANALYTICAL RESULTS

ANALYTICAL REPORT

COPY

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

04/12/2004

Job No: 04.03074

Page 1 of 4

The following samples were received by TestAmerica for analysis:

Delavan Well 4

| Sample Number | Sample Description | Date Taken | Date Received |
|---------------|--------------------|------------|---------------|
| 565318 | SS-1 | 04/05/2004 | 04/07/2004 |


Brian D. DeJong
Organic Operations Manager

STA-RITE INDUSTRIES, INC
Job No: 04.03074

04/12/2004
Page 2 of 4

KEY TO DATA FLAGS

The attached sample(s) may have a result flag shown on the report. The following are the result flag definitions:

| | |
|--|--|
| A = Analyzed/extracted past hold time | B = Blank is contaminated |
| C = Standard outside of control limits | D = Diluted for analysis |
| E = TCLP extraction outside of method required temperature range | |
| F = Sample filtered in lab | G = Received past hold time |
| H = Late eluting hydrocarbons present | I = Improperly handled sample |
| J = Estimated concentration | L = Common lab solvent and contaminant |
| M = Matrix interference | P = Improperly preserved sample |
| Q = Result confirmed via re-analysis | S = Sediment present |
| T = Does not match typical pattern | W = BOD re-set due to missed dilution |
| X = Unidentified compound(s) present | Z = Internal standard outside limits |
| * = See Case Narrative | |

KEY TO ANALYST INITIALS

The attached sample(s) may have been analyzed by another certified laboratory. If a number appears in the Analyst Initials field, the following are the appropriate certifications (if the lab code does not appear below, that means that certification is not required for the work performed):

| Lab Code | Certification Number |
|----------|---|
| 008 | WDNR - 999766900 |
| 009 | WDNR - 241293690 |
| 020 | WDNR - 999447680 |
| 030 | ILNELAC - 100230; WDNR - 998294430 |
| 060 | ILNELAC - 100221; WDNR - 999447130 |
| 070 | IA - 007; ILNELAC - 000668; MDH - 019-999-319; WDNR - 999917270 |
| 130 | WDNR - 632021390 |
| 147 | WDNR - 721026460 |
| 300 | FLNELAC - 87358; IA - 131; MDH - 047-999-345; WDNR - 998020430 |
| 400 | WDNR - 113133790 |
| 510 | WDNR - 241249360 |
| 520 | WDNR - 999518190; ILNELAC - 100439 |
| 700 | WDNR - 113289110 |

TestAmerica Watertown Certifications: WI DNR - 128053530; IA DNR - 294; MN DoH - 055-999-366; ND DoH R-046; AR DEQ - 88-0808

Unless sub-contracted (see above), volatiles analyses (including VOC, PVOC, GRO, BTEX and TPH Gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10

Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

For questions regarding this report, please contact Dan Milewsky or Warren Topel.

ANALYTICAL REPORT

Mr. Jon Raymond
 STA-RITE INDUSTRIES, INC
 293 S Wright Street
 Delavan, WI 53115

04/12/2004
 Job No: 04.03074
 Sample No: 565318
 Account No: 67550
 Page 3 of 4

JOB DESCRIPTION: Delavan Well 4
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: SS-1
 Rec'd on ice

Date/Time Taken: 04/05/2004 11:40

Date Received: 04/07/2004

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethene | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 04/10/2004 | mae | 6089 |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 04/10/2004 | mae | 6089 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 04/10/2004 | mae | 6089 |
| Trichloroethene | 3.2 | ug/L | 0.20 | 0.67 | SW 8260B | 04/10/2004 | mae | 6089 |
| Vinyl Chloride | C <0.20 | ug/L | 0.20 | 0.67 | SW 8260B | 04/10/2004 | mae | 6089 |
| Surr: Dibromofluoromethane | 100 | t | | 89-119 | SW 8260B | 04/10/2004 | mae | 6089 |
| Surr: Toluene-d8 | C 90 | t | | 91-109 | SW 8260B | 04/10/2004 | mae | 6089 |
| Surr: Bromofluorobenzene | 102 | t | | 89-114 | SW 8260B | 04/10/2004 | mae | 6089 |

QUALITY CONTROL REPORT BLANKS

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

04/12/2004

Job No: 04.03074
Account No: 67550

Page 4 of 4

Job Description: Delavan Well 4

| Parameter | Prep Batch | Run Batch | Blank Result | MDL | LOQ | Units |
|----------------------------|------------|-----------|--------------|------|--------|-------|
| VOC - AQUEOUS - EPA 8260B | | | | | | |
| Tetrachloroethene | | 6089 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1,1-Trichloroethane | | 6089 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1,2-Trichloroethane | | 6089 | <0.25 | 0.25 | 0.83 | ug/L |
| Trichloroethene | | 6089 | <0.20 | 0.20 | 0.67 | ug/L |
| Vinyl Chloride | | 6089 | <0.20 | 0.20 | 0.67 | ug/L |
| Surr: Dibromofluoromethane | | 6089 | 100.0 | | 89-119 | † |
| Surr: Toluene-d8 | | 6089 | 88.6 | | 91-109 | † |
| Surr: Bromofluorobenzene | | 6089 | 101.0 | | 89-114 | † |

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

ANALYTICAL REPORT

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

07/01/2003

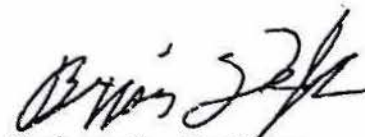
Job No: 03.05704

Page 1 of 18

The following samples were received by TestAmerica for analysis:

Delavan Well 4 Annual Sampling

| Sample Number | Sample Description | Date Taken | Date Received |
|---------------|--------------------|------------|---------------|
| 529906 | MW-2005 | 06/20/2003 | 06/25/2003 |
| 529907 | MW-2004 | 06/20/2003 | 06/25/2003 |
| 529908 | D-15 | 06/20/2003 | 06/25/2003 |
| 529909 | D-18 | 06/20/2003 | 06/25/2003 |
| 529910 | TW-3 | 06/24/2003 | 06/25/2003 |
| 529911 | TW-4 | 06/24/2003 | 06/25/2003 |
| 529912 | MW-1027 | 06/24/2003 | 06/25/2003 |
| 529913 | D-25R | 06/24/2003 | 06/25/2003 |
| 529914 | EX-2 | 06/24/2003 | 06/25/2003 |
| 529915 | EX-3 | 06/24/2003 | 06/25/2003 |
| 529916 | EX-7 | 06/24/2003 | 06/25/2003 |
| 529917 | CSES | 06/24/2003 | 06/25/2003 |



Brian D. DeJong
Organic Operations Manager

STA-RITE INDUSTRIES, INC
Job No: 03.05704

07/01/2003
Page 2 of 18

KEY TO DATA FLAGS

The attached sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
B = Blank is contaminated
C = Standard outside of control limits
D = Diluted for analysis
E = TCLP extraction outside of method required temperature range
F = Sample filtered in lab
G = Received past hold time
H = Late eluting hydrocarbons present
I = Improperly handled sample
J = Estimated concentration
L = Common lab solvent and contaminant
M = Matrix interference
P = Improperly preserved sample
Q = Result confirmed via re-analysis
S = Sediment present
T = Does not match typical pattern
W = BOD re-set due to missed dilution
X = Unidentified compound(s) present
Z = Internal standard outside limits
* = See Case Narrative

KEY TO ANALYST INITIALS

The attached sample(s) may have been analyzed by another certified laboratory. If a number appears in the Analyst Initials field, the following are the appropriate certifications (if the lab code does not appear below, that means that WDNR certification is not required for the work performed):

| Lab Code | Certification Number |
|----------|---|
| 008 | WDNR - 999766900 |
| 009 | WDNR - 241293690 |
| 020 | WDNR - 999447680 |
| 030 | ILNELAC - 100230; WDNR - 998294430 |
| 060 | ILNELAC - 100221; WDNR - 999447130 |
| 070 | IA - 007; ILNELAC - 000668; MDH - 019-999-319; WDNR - 999917270 |
| 130 | WDNR - 632021390 |
| 147 | WDNR - 721026460 |
| 300 | FLNELAC - 87358; IA - 131; MDH - 047-999-345; WDNR - 998020430 |
| 400 | WDNR - 113133790 |
| 510 | WDNR - 241249360 |
| 520 | WDNR - 999518190; ILNELAC - 100439 |
| 700 | WDNR - 113289110 |

TestAmerica Watertown WDNR - 128053530; IDNR - 294; MDH - 055-999-366; ND - R-046

For questions regarding this report, please contact Dan Milewsky or Warren Topel.

ANALYTICAL REPORT

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

07/01/2003
Job No: 03.05704
Sample No: 529906
Account No: 67550
Page 3 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-2005
Rec'd on ice

Date/Time Taken: 06/20/2003 11:15

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run | |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|------|
| | | | | | | Analyzed | Analyst | Batch | |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | | |
| Tetrachloroethene | 6.0 | ug/L | 0.50 | 1.7 | SW 8260B | 07/01/2003 | mae | | 5104 |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 07/01/2003 | mae | | 5104 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 07/01/2003 | mae | | 5104 |
| Trichloroethene | 0.87 | ug/L | 0.25 | 0.83 | SW 8260B | 07/01/2003 | mae | | 5104 |
| Surr: Dibromofluoromethane | 100 | t | | 88-112 | SW 8260B | 07/01/2003 | mae | | 5104 |
| Surr: Toluene-d8 | 94 | t | | 89-112 | SW 8260B | 07/01/2003 | mae | | 5104 |
| Surr: Bromofluorobenzene | 102 | t | | 90-114 | SW 8260B | 07/01/2003 | mae | | 5104 |

ANALYTICAL REPORT

Mr. Jon Raymond
 STA-RITE INDUSTRIES, INC
 293 S Wright Street
 Delavan, WI 53115

07/01/2003
 Job No: 03.05704
 Sample No: 529907
 Account No: 67550
 Page 4 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: MW-2004
 Rec'd on ice

Date/Time Taken: 06/20/2003 12:20

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|----------|
| | | | | | | Analyzed | Analyst |
| VOC - AQUEOUS - EPA 8260B | | | | | | | |
| Tetrachloroethene | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba 5095 |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba 5095 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba 5095 |
| Trichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba 5095 |
| Surr: Dibromofluoromethane | 95 | † | | 88-112 | SW 8260B | 06/29/2003 | aba 5095 |
| Surr: Toluene-d8 | 105 | † | | 89-112 | SW 8260B | 06/29/2003 | aba 5095 |
| Surr: Bromofluorobenzene | 98 | † | | 90-114 | SW 8260B | 06/29/2003 | aba 5095 |

ANALYTICAL REPORT

Mr. Jon Raymond
 STA-RITE INDUSTRIES, INC
 293 S Wright Street
 Delavan, WI 53115

07/01/2003
 Job No: 03.05704
 Sample No: 529908
 Account No: 67550
 Page 5 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: D-15
 Rec'd on ice

Date/Time Taken: 06/20/2003 13:10

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethene | 11 | ug/L | 0.50 | 1.7 | SW 8260B | 06/30/2003 | aba | 5097 |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 06/30/2003 | aba | 5097 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 06/30/2003 | aba | 5097 |
| Trichloroethene | 39 | ug/L | 0.25 | 0.83 | SW 8260B | 06/30/2003 | aba | 5097 |
| Surr: Dibromofluoromethane | 98 | † | | 88-112 | SW 8260B | 06/30/2003 | aba | 5097 |
| Surr: Toluene-d8 | 95 | † | | 89-112 | SW 8260B | 06/30/2003 | aba | 5097 |
| Surr: Bromofluorobenzene | 102 | † | | 90-114 | SW 8260B | 06/30/2003 | aba | 5097 |

ANALYTICAL REPORT

Mr. Jon Raymond
 STA-RITE INDUSTRIES, INC
 293 S Wright Street
 Delavan, WI 53115

07/01/2003
 Job No: 03.05704
 Sample No: 529909
 Account No: 67550
 Page 6 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: D-18
 Rec'd on ice

Date/Time Taken: 06/20/2003 13:45

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethane | 9.1 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Trichloroethene | 20 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Dibromofluoromethane | 95 | † | | 88-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Toluene-d8 | 104 | † | | 89-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Bromofluorobenzene | 97 | † | | 90-114 | SW 8260B | 06/29/2003 | aba | 5095 |

ANALYTICAL REPORT

Mr. Jon Raymond
 STA-RITE INDUSTRIES, INC
 293 S Wright Street
 Delavan, WI 53115

07/01/2003
 Job No: 03.05704
 Sample No: 529910
 Account No: 67550
 Page 7 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: TW-3
 Rec'd on ice

Date/Time Taken: 06/24/2003 10:10

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethene | 2.5 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Trichloroethene | 2.6 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Dibromofluoromethane | 95 | t | | 88-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Toluene-d8 | 105 | t | | 89-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Bromofluorobenzene | 95 | t | | 90-114 | SW 8260B | 06/29/2003 | aba | 5095 |

ANALYTICAL REPORT

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

07/01/2003
Job No: 03.05704
Sample No: 529911
Account No: 67550
Page 8 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: TW-4
Rec'd on ice

Date/Time Taken: 06/24/2003 11:10

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|-----------------------------|---------|-------|------|------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | Batch |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Benzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Bromobenzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Bromochloromethane | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| Bromodichloromethane | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Bromoform | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Bromomethane | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| n-Butylbenzene | <0.50 | ug/L | 0.25 | 0.83 | SN 8260B | 06/29/2003 | aba | 5091 |
| sec-Butylbenzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| tert-Butylbenzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Carbon Tetrachloride | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| Chlorobenzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Chlorodibromomethane | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Chloroethane | <2.0 | ug/L | 1.0 | 3.3 | SW 8260B | 06/29/2003 | aba | 5091 |
| Chloroform | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Chloromethane | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| 2-Chlorotoluene | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| 4-Chlorotoluene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,2-Dibromo-3-Chloropropane | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,2-Dibromoethane (EDB) | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Dibromomethane | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,2-Dichlorobenzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,3-Dichlorobenzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,4-Dichlorobenzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Dichlorodifluoromethane | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,1-Dichloroethane | 2.1 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,2-Dichloroethane | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,1-Dichloroethene | 4.7 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| cis-1,2-Dichloroethene | 3.7 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| trans-1,2-Dichloroethene | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,2-Dichloropropane | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,3-Dichloropropane | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| 2,2-Dichloropropane | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,1-Dichloropropene | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| cis-1,3-Dichloropropene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| trans-1,3-Dichloropropene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Di-isopropyl ether | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| Ethylbenzene | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| Hexachlorobutadiene | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |

ANALYTICAL REPORT

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

07/01/2003
Job No: 03.05704
Sample No: 529911
Account No: 67550
Page 9 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: TW-4
Rec'd on ice

Date/Time Taken: 06/24/2003 11:10

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | |
| Isopropylbenzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| p-Isopropyltoluene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Methylene Chloride | <2.0 | ug/L | 1.0 | 3.3 | SW 8260B | 06/29/2003 | aba | 5091 |
| Methyl-t-butyl ether | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| Naphthalene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| n-Propylbenzene | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| Styrene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,1,1,2-Tetrachloroethane | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,1,2,2-Tetrachloroethane | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Tetrachloroethene | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| Toluene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,2,3-Trichlorobenzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,2,4-Trichlorobenzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,1,1-Trichloroethane | 120 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,1,2-Trichloroethane | 1.4 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Trichloroethene | 89 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Trichlorofluoromethane | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,2,3-Trichloropropane | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,2,4-Trimethylbenzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| 1,3,5-Trimethylbenzene | <0.50 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5091 |
| Vinyl Chloride | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| Xylenes, Total | <1.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5091 |
| Surr: Dibromofluoromethane | 99 | † | | 88-112 | SW 8260B | 06/29/2003 | aba | 5091 |
| Surr: Toluene-d8 | 96 | † | | 89-112 | SW 8260B | 06/29/2003 | aba | 5091 |
| Surr: Bromofluorobenzene | 101 | † | | 90-114 | SW 8260B | 06/29/2003 | aba | 5091 |

ANALYTICAL REPORT

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

07/01/2003
Job No: 03.05704
Sample No: 529912
Account No: 67550
Page 10 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-1027
Rec'd on ice

Date/Time Taken: 06/24/2003 12:45

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethene | <5.0 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,1-Trichloroethane | 13 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,2-Trichloroethane | <2.5 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Trichloroethene | 200 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Dibromofluoromethane | 95 | † | | 88-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Toluene-d8 | 105 | † | | 89-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Bromofluorobenzene | 98 | † | | 90-114 | SW 8260B | 06/29/2003 | aba | 5095 |

ANALYTICAL REPORT

Mr. Jon Raymond
 STA-RITE INDUSTRIES, INC
 293 S Wright Street
 Delavan, WI 53115

07/01/2003
 Job No: 03.05704
 Sample No: 529913
 Account No: 67550
 Page 11 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: D-25R
 Rec'd on ice

Date/Time Taken: 06/24/2003 13:25

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethene | 0.86 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,1-Trichloroethane | 6.1 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Trichloroethene | 7.7 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Dibromofluoromethane | 95 | t | | 88-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Toluene-d8 | 104 | t | | 89-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Bromofluorobenzene | 97 | t | | 90-114 | SW 8260B | 06/29/2003 | aba | 5095 |

ANALYTICAL REPORT

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

07/01/2003
Job No: 03.05704
Sample No: 529914
Account No: 67550
Page 12 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: EX-2
Rec'd on ice

Date/Time Taken: 06/24/2003 14:00

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethene | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,1-Trichloroethane | 0.69 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Trichloroethene | 2.9 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Dibromofluoromethane | 95 | † | | 88-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Toluene-d8 | 104 | † | | 89-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Bromofluorobenzene | 97 | † | | 90-114 | SW 8260B | 06/29/2003 | aba | 5095 |

ANALYTICAL REPORT

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

07/01/2003
Job No: 03.05704
Sample No: 529915
Account No: 67550
Page 13 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: EX-3
Rec'd on ice

Date/Time Taken: 06/24/2003 14:05

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | Batch |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethene | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,1-Trichloroethane | 23 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Trichloroethene | 46 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Dibromofluoromethane | 95 | t | | 88-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Toluene-d8 | 104 | t | | 89-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Bromofluorobenzene | 97 | t | | 90-114 | SW 8260B | 06/29/2003 | aba | 5095 |

ANALYTICAL REPORT

Mr. Jon Raymond
 STA-RITE INDUSTRIES, INC
 293 S Wright Street
 Delavan, WI 53115

07/01/2003
 Job No: 03.05704
 Sample No: 529916
 Account No: 67550
 Page 14 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: EX-7
 Rec'd on ice

Date/Time Taken: 06/24/2003 14:15

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethene | 20 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,1-Trichloroethane | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Trichloroethene | 26 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Dibromofluoromethane | 95 | † | | 88-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Toluene-d8 | 104 | † | | 89-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Bromofluorobenzene | 97 | † | | 90-114 | SW 8260B | 06/29/2003 | aba | 5095 |

ANALYTICAL REPORT

Mr. Jon Raymond
 STA-RITE INDUSTRIES, INC
 293 S Wright Street
 Delavan, WI 53115

07/01/2003
 Job No: 03.05704
 Sample No: 529917
 Account No: 67550
 Page 15 of 18

JOB DESCRIPTION: Delavan Well 4 Annual Sampling
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: CSES
 Rec'd on ice

Date/Time Taken: 06/24/2003 14:25

Date Received: 06/25/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | Batch |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethene | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,1-Trichloroethane | 14 | ug/L | 0.50 | 1.7 | SW 8260B | 06/29/2003 | aba | 5095 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Trichloroethene | 9.6 | ug/L | 0.25 | 0.83 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Dibromofluoromethane | 96 | t | | 88-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Toluene-d8 | 104 | t | | 89-112 | SW 8260B | 06/29/2003 | aba | 5095 |
| Surr: Bromofluorobenzene | 98 | t | | 90-114 | SW 8260B | 06/29/2003 | aba | 5095 |

QUALITY CONTROL REPORT BLANKS

07/01/2003

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

Job No: 03.05704
Account No: 67550

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Job Description: Delavan Well 4 Annual Sampling

| Parameter | Prep Batch | Run Batch | Blank Result | MDL | LOQ | Units |
|-----------------------------|------------|-----------|--------------|------|------|-------|
| VOC - AQUEOUS - EPA 8260B | | | | | | |
| Benzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Bromobenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Bromochloromethane | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| Bromodichloromethane | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Bromoform | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Bromomethane | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| n-Butylbenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| sec-Butylbenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| tert-Butylbenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Carbon Tetrachloride | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| Chlorobenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Chlorodibromomethane | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Chloroethane | | 5091 | <1.0 | 1.0 | 3.3 | ug/L |
| Chloroform | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Chloromethane | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| 2-Chlorotoluene | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| 4-Chlorotoluene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| 1,2-Dibromo-3-Chloropropane | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,2-Dibromoethane (EDB) | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Dibromomethane | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| 1,2-Dichlorobenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| 1,3-Dichlorobenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| 1,4-Dichlorobenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Dichlorodifluoromethane | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1-Dichloroethane | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,2-Dichloroethane | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1-Dichloroethene | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| cis-1,2-Dichloroethene | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| trans-1,2-Dichloroethene | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,2-Dichloropropane | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,3-Dichloropropane | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| 2,2-Dichloropropane | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1-Dichloropropene | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| cis-1,3-Dichloropropene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| trans-1,3-Dichloropropene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Di-isopropyl ether | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT BLANKS

07/01/2003

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

Job No: 03.05704
Account No: 67550

Page 17 of 18

Job Description: Delavan Well 4 Annual Sampling

| Parameter | Prep Batch | Run Batch | Blank Result | MDL | LOQ | Units |
|----------------------------|------------|-----------|--------------|------|--------|-------|
| Ethylbenzene | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| Hexachlorobutadiene | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| Isopropylbenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| p-Isopropyltoluene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Methylene Chloride | | 5091 | <1.0 | 1.0 | 3.3 | ug/L |
| Methyl-t-butyl ether | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| Naphthalene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| n-Propylbenzene | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| Styrene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| 1,1,1,2-Tetrachloroethane | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| 1,1,2,2-Tetrachloroethane | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Tetrachloroethene | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| Toluene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| 1,2,3-Trichlorobenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| 1,2,4-Trichlorobenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| 1,1,1-Trichloroethane | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1,2-Trichloroethane | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Trichloroethene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Trichlorofluoromethane | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,2,3-Trichloropropane | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,2,4-Trimethylbenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| 1,3,5-Trimethylbenzene | | 5091 | <0.25 | 0.25 | 0.83 | ug/L |
| Vinyl Chloride | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| Xylenes, Total | | 5091 | <0.50 | 0.50 | 1.7 | ug/L |
| Surr: Dibromofluoromethane | | 5091 | 99.2 | | 88-112 | † |
| Surr: Toluene-d8 | | 5091 | 95.6 | | 89-112 | † |
| Surr: Bromofluorobenzene | | 5091 | 103.0 | | 90-114 | † |
| VOC - AQUEOUS - EPA 8260B | | | | | | |
| Tetrachloroethene | | 5095 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1,1-Trichloroethane | | 5095 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1,2-Trichloroethane | | 5095 | <0.25 | 0.25 | 0.83 | ug/L |
| Trichloroethene | | 5095 | <0.25 | 0.25 | 0.83 | ug/L |
| Surr: Dibromofluoromethane | | 5095 | 98.8 | | 88-112 | † |
| Surr: Toluene-d8 | | 5095 | 104.4 | | 89-112 | † |
| Surr: Bromofluorobenzene | | 5095 | 98.2 | | 90-114 | † |
| VOC - AQUEOUS - EPA 8260B | | | | | | |
| Tetrachloroethene | | 5097 | <0.50 | 0.50 | 1.7 | ug/L |

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

QUALITY CONTROL REPORT BLANKS

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

07/01/2003

Job No: 03.05704
Account No: 67550

Page 18 of 18

Job Description: Delavan Well 4 Annual Sampling

| Parameter | Prep Batch | Run Batch | Blank Result | MDL | LOQ | Units |
|----------------------------|------------|-----------|--------------|------|--------|-------|
| 1,1,1-Trichloroethane | | 5097 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1,2-Trichloroethane | | 5097 | <0.25 | 0.25 | 0.83 | ug/L |
| Trichloroethene | | 5097 | <0.25 | 0.25 | 0.83 | ug/L |
| Surr: Dibromofluoromethane | | 5097 | 97.4 | | 88-112 | † |
| Surr: Toluene-d8 | | 5097 | 94.6 | | 89-112 | † |
| Surr: Bromofluorobenzene | | 5097 | 102.4 | | 90-114 | † |
| VOC - AQUEOUS - EPA 8260B | | | | | | |
| Tetrachloroethene | | 5104 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1,1-Trichloroethane | | 5104 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1,2-Trichloroethane | | 5104 | <0.25 | 0.25 | 0.83 | ug/L |
| Trichloroethene | | 5104 | <0.25 | 0.25 | 0.83 | ug/L |
| Surr: Dibromofluoromethane | | 5104 | 99.6 | | 88-112 | † |
| Surr: Toluene-d8 | | 5104 | 94.2 | | 89-112 | † |
| Surr: Bromofluorobenzene | | 5104 | 101.0 | | 90-114 | † |

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

STA-RITE INDUSTRIES GROUND WATER SAMPLING PROGRAM FIELD SAMPLING DATA

| WELL NUMBER | SAMPLE NUMBER | DATE | TIME | WELL DEPTH | WATER LEVEL | FEET OF WATER | PURGE VOLUME | pH | CONDUCTIVITY | TEMP. | SAMPLER INITIALS | REMARKS |
|-------------|---------------|---------|-------|------------|-------------|---------------|--------------|----|--------------|-------|--------------------------------|---------|
| MW 2005 | | 6-20-03 | 11:15 | 36.14 | 25.40 | 10.74 | 7.00 | | | | <i>[Handwritten Signature]</i> | |
| MW 2004 | | 6-20-03 | 12:20 | 39.21 | 30.21 | 9.00 | 5.86 | | | | | |
| D-15 | | 6-20-03 | 13:10 | 38.00 | 34.02 | 3.98 | 2.59 | | | | | |
| D-18 | | 6-20-03 | 13:45 | 39.27 | 32.78 | 6.49 | 4.23 | | | | | |
| TW-3 | | 6-24-03 | 10:10 | 48.00 | 34.84 | 13.16 | 8.58 | | | | | |
| TW-4 | | 6-24-03 | 11:10 | 50.48 | 35.94 | 14.54 | 7.52 | | | | | |
| MW 1027 | | 6-24-03 | 12:45 | 37.71 | 31.88 | 5.83 | 3.80 | | | | | |
| D-25B | | 6-24-03 | 13:25 | 43.25 | 36.84 | 6.41 | 4.17 | | | | | |
| EX-2 | | 6-24-03 | 14:00 | | | | | | | | | |
| EX-3 | | 6-24-03 | 14:05 | | | | | | | | | |
| EX-7 | | 6-24-03 | 14:15 | | | | | | | | | |
| CSES | | 6-24-03 | 14:25 | | | | | | | | | |
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| | | | | | | | | | | | | |

4" Well p volume = ft. of water x ~~1.92~~ 2.61
 2" Well p volume = ft. of water x ~~1.75~~ 1.652

ANALYTICAL REPORT

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

09/10/2003


Job No: 03.08223

Page 1 of 8

The following samples were received by TestAmerica for analysis:

Delavan Well 4

| Sample Number | Sample Description | Date Taken | Date Received |
|---------------|--------------------|------------|---------------|
| 538488 | Back North | 09/02/2003 | 09/03/2003 |
| 538489 | Back Middle | 09/02/2003 | 09/03/2003 |
| 538490 | Back South | 09/02/2003 | 09/03/2003 |
| 538491 | Middle North | 09/02/2003 | 09/03/2003 |
| 538492 | Middle South | 09/02/2003 | 09/03/2003 |



Brian D. DeJong
Organic Operations Manager

STA-RITE INDUSTRIES, INC
Job No: 03.08223

09/10/2003
Page 2 of 8

KEY TO DATA FLAGS

The attached sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
B = Blank is contaminated
C = Standard outside of control limits
D = Diluted for analysis
E = TCLP extraction outside of method required temperature range
F = Sample filtered in lab
G = Received past hold time
H = Late eluting hydrocarbons present
I = Improperly handled sample
J = Estimated concentration
L = Common lab solvent and contaminant
M = Matrix interference
P = Improperly preserved sample
Q = Result confirmed via re-analysis
S = Sediment present
T = Does not match typical pattern
W = BOD re-set due to missed dilution
X = Unidentified compound(s) present
Z = Internal standard outside limits
* = See Case Narrative

KEY TO ANALYST INITIALS

The attached sample(s) may have been analyzed by another certified laboratory. If a number appears in the Analyst Initials field, the following are the appropriate certifications (if the lab code does not appear below, that means that WDNR certification is not required for the work performed):

| Lab Code | Certification Number |
|----------|---|
| 008 | WDNR - 999766900 |
| 009 | WDNR - 241293690 |
| 020 | WDNR - 999447680 |
| 030 | ILNELAC - 100230; WDNR - 998294430 |
| 060 | ILNELAC - 100221; WDNR - 999447130 |
| 070 | IA - 007; ILNELAC - 000668; MDH - 019-999-319; WDNR - 999917270 |
| 130 | WDNR - 632021390 |
| 147 | WDNR - 721026460 |
| 300 | FLNELAC - 87358; IA - 131; MDH - 047-999-345; WDNR - 998020430 |
| 400 | WDNR - 113133790 |
| 510 | WDNR - 241249360 |
| 520 | WDNR - 999518190; ILNELAC - 100439 |
| 700 | WDNR - 113289110 |

TestAmerica Watertown WDNR - 128053530; IDNR - 294; MDH - 055-999-366; ND - R-046

For questions regarding this report, please contact Dan Milewsky or Warren Topel.

ANALYTICAL REPORT

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

09/10/2003
Job No: 03.08223
Sample No: 538488
Account No: 67550
Page 3 of 8

JOB DESCRIPTION: Delavan Well 4
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: Back North
Rec'd on ice

Date/Time Taken: 09/02/2003 16:40

Date Received: 09/03/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|----------|
| | | | | | | Analyzed | Analyst |
| VOC - AQUEOUS - EPA 8260B | | | | | | | |
| Tetrachloroethene | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 09/09/2003 | mae 5324 |
| 1,1,1-Trichloroethane | 4.3 | ug/L | 0.50 | 1.7 | SW 8260B | 09/09/2003 | mae 5324 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 09/09/2003 | mae 5324 |
| Trichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 09/09/2003 | mae 5324 |
| Vinyl Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 09/09/2003 | mae 5324 |
| Surr: Dibromofluoromethane | 105 | † | | 91-107 | SW 8260B | 09/09/2003 | mae 5324 |
| Surr: Toluene-d8 | 96 | † | | 89-109 | SW 8260B | 09/09/2003 | mae 5324 |
| Surr: Bromofluorobenzene | 108 | † | | 93-109 | SW 8260B | 09/09/2003 | mae 5324 |

ANALYTICAL REPORT

Mr. Jon Raymond
 STA-RITE INDUSTRIES, INC
 293 S Wright Street
 Delavan, WI 53115

09/10/2003
 Job No: 03.08223
 Sample No: 538489
 Account No: 67550
 Page 4 of 8

JOB DESCRIPTION: Delavan Well 4
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Back Middle
 Rec'd on ice

Date/Time Taken: 09/02/2003 16:43

Date Received: 09/03/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | Batch |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethene | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 09/09/2003 | mae | 5324 |
| 1,1,1-Trichloroethane | 2.4 | ug/L | 0.50 | 1.7 | SW 8260B | 09/09/2003 | mae | 5324 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 09/09/2003 | mae | 5324 |
| Trichloroethene | 0.44 | ug/L | 0.25 | 0.83 | SW 8260B | 09/09/2003 | mae | 5324 |
| Vinyl Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 09/09/2003 | mae | 5324 |
| Surr: Dibromofluoromethane | 105 | † | | 91-107 | SW 8260B | 09/09/2003 | mae | 5324 |
| Surr: Toluene-d8 | 96 | † | | 89-109 | SW 8260B | 09/09/2003 | mae | 5324 |
| Surr: Bromofluorobenzene | 107 | † | | 93-109 | SW 8260B | 09/09/2003 | mae | 5324 |

ANALYTICAL REPORT

Mr. Jon Raymond
 STA-RITE INDUSTRIES, INC
 293 S Wright Street
 Delavan, WI 53115

09/10/2003
 Job No: 03.08223
 Sample No: 538490
 Account No: 67550
 Page 5 of 8

JOB DESCRIPTION: Delavan Well 4
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Back South
 Rec'd on ice

Date/Time Taken: 09/02/2003 16:47

Date Received: 09/03/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run | |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|------|
| | | | | | | Analyzed | Analyst | Batch | |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | | |
| Tetrachloroethene | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 09/09/2003 | mae | | 5324 |
| 1,1,1-Trichloroethane | 2.3 | ug/L | 0.50 | 1.7 | SW 8260B | 09/09/2003 | mae | | 5324 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 09/09/2003 | mae | | 5324 |
| Trichloroethene | 3.7 | ug/L | 0.25 | 0.83 | SW 8260B | 09/09/2003 | mae | | 5324 |
| Vinyl Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 09/09/2003 | mae | | 5324 |
| Surr: Dibromofluoromethane | 106 | t | | 91-107 | SW 8260B | 09/09/2003 | mae | | 5324 |
| Surr: Toluene-d8 | 96 | t | | 89-109 | SW 8260B | 09/09/2003 | mae | | 5324 |
| Surr: Bromofluorobenzene | 108 | t | | 93-109 | SW 8260B | 09/09/2003 | mae | | 5324 |

ANALYTICAL REPORT

Mr. Jon Raymond
 STA-RITE INDUSTRIES, INC
 293 S Wright Street
 Delavan, WI 53115

09/10/2003
 Job No: 03.08223
 Sample No: 538491
 Account No: 67550
 Page 6 of 8

JOB DESCRIPTION: Delavan Well 4
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Middle North
 Rec'd on ice

Date/Time Taken: 09/02/2003 16:52

Date Received: 09/03/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethene | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 09/08/2003 | mae | 5319 |
| 1,1,1-Trichloroethane | 32 | ug/L | 0.50 | 1.7 | SW 8260B | 09/08/2003 | mae | 5319 |
| 1,1,2-Trichloroethane | 0.31 | ug/L | 0.25 | 0.83 | SW 8260B | 09/08/2003 | mae | 5319 |
| Trichloroethene | 15 | ug/L | 0.25 | 0.83 | SW 8260B | 09/08/2003 | mae | 5319 |
| Vinyl Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 09/08/2003 | mae | 5319 |
| Surr: Dibromofluoromethane | 105 | t | | 91-107 | SW 8260B | 09/08/2003 | mae | 5319 |
| Surr: Toluene-d8 | 95 | t | | 89-109 | SW 8260B | 09/08/2003 | mae | 5319 |
| Surr: Bromofluorobenzene | 107 | t | | 93-109 | SW 8260B | 09/08/2003 | mae | 5319 |

ANALYTICAL REPORT

Mr. Jon Raymond
 STA-RITE INDUSTRIES, INC
 293 S Wright Street
 Delavan, WI 53115

09/10/2003
 Job No: 03.08223
 Sample No: 538492
 Account No: 67550
 Page 7 of 8

JOB DESCRIPTION: Delavan Well 4
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: Middle South
 Rec'd on ice

Date/Time Taken: 09/02/2003 16:56

Date Received: 09/03/2003

| Parameter | Results | Units | MDL | LOQ | Method | Date | | Prep/Run |
|----------------------------|---------|-------|------|--------|----------|------------|---------|----------|
| | | | | | | Analyzed | Analyst | |
| VOC - AQUEOUS - EPA 8260B | | | | | | | | |
| Tetrachloroethene | <0.50 | ug/L | 0.50 | 1.7 | SW 8260B | 09/08/2003 | mae | 5319 |
| 1,1,1-Trichloroethane | 32 | ug/L | 0.50 | 1.7 | SW 8260B | 09/08/2003 | mae | 5319 |
| 1,1,2-Trichloroethane | 0.31 | ug/L | 0.25 | 0.83 | SW 8260B | 09/08/2003 | mae | 5319 |
| Trichloroethene | 15 | ug/L | 0.25 | 0.83 | SW 8260B | 09/08/2003 | mae | 5319 |
| Vinyl Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 09/08/2003 | mae | 5319 |
| Surr: Dibromofluoromethane | 106 | t | | 91-107 | SW 8260B | 09/08/2003 | mae | 5319 |
| Surr: Toluene-d8 | 97 | t | | 89-109 | SW 8260B | 09/08/2003 | mae | 5319 |
| Surr: Bromofluorobenzene | 106 | t | | 93-109 | SW 8260B | 09/08/2003 | mae | 5319 |

QUALITY CONTROL REPORT BLANKS

09/10/2003

Mr. Jon Raymond
STA-RITE INDUSTRIES, INC
293 S Wright Street
Delavan, WI 53115

Job No: 03.08223
Account No: 67550

Page 8 of 8

Job Description: Delavan Well 4

| Parameter | Prep Batch | Run Batch | Blank Result | MDL | LOQ | Units |
|----------------------------|------------|-----------|--------------|------|--------|-------|
| VOC - AQUEOUS - EPA 8260B | | | | | | |
| Tetrachloroethene | | 5319 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1,1-Trichloroethane | | 5319 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1,2-Trichloroethane | | 5319 | <0.25 | 0.25 | 0.83 | ug/L |
| Trichloroethene | | 5319 | <0.25 | 0.25 | 0.83 | ug/L |
| Vinyl Chloride | | 5319 | <0.25 | 0.25 | 0.83 | ug/L |
| Surr: Dibromofluoromethane | | 5319 | 105.2 | | 91-107 | † |
| Surr: Toluene-d8 | | 5319 | 97.8 | | 89-109 | † |
| Surr: Bromofluorobenzene | | 5319 | 106.4 | | 93-109 | † |
| VOC - AQUEOUS - EPA 8260B | | | | | | |
| Tetrachloroethene | | 5324 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1,1-Trichloroethane | | 5324 | <0.50 | 0.50 | 1.7 | ug/L |
| 1,1,2-Trichloroethane | | 5324 | <0.25 | 0.25 | 0.83 | ug/L |
| Trichloroethene | | 5324 | <0.25 | 0.25 | 0.83 | ug/L |
| Vinyl Chloride | | 5324 | <0.25 | 0.25 | 0.83 | ug/L |
| Surr: Dibromofluoromethane | | 5324 | 100.8 | | 91-107 | † |
| Surr: Toluene-d8 | | 5324 | 96.0 | | 89-109 | † |
| Surr: Bromofluorobenzene | | 5324 | 104.8 | | 93-109 | † |

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

Route To: Watershed/Wastewater Waste Management
 Remediation/Revelopment Other

Page 1 of 2

| | | | | | |
|---|-----------------|------------------------|---|---|---|
| Facility/Project Name <u>Sta-Rite Delf Dekran</u> | | | License/Permit/Monitoring Number | | Boring Number <u>SB 10/04</u> |
| Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <u>Tony</u> Last Name: <u>Kapugi</u> Firm: <u>On-Site Environmental</u> | | | Date Drilling Started <u>10/08/2004</u> m m d d y y y y | Date Drilling Completed <u>10/08/2004</u> m m d d y y y y | Drilling Method <u>direct push / geoprobe</u> |
| WI Unique Well No. | DNR Well ID No. | Well Name <u>NA</u> | Final Static Water Level ____ Feet MSL | Surface Elevation ____ Feet MSL | Borehole Diameter <u>2.0</u> inches |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane _____ N, _____ E S/C/N | | | Lat <u>42° 37' 54"</u> Long <u>88° 37' 25"</u> | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W |
| SW 1/4 of NE 1/4 of Section 17, T 2 N, R 16 E/W | | | Facility ID <u>265010900</u> | County <u>Walworth</u> | County Code <u>64</u> |
| | | | Civil Town/City/ or Village <u>Dekran</u> | | |

| Sample Number and Type | Length Au. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | Soil/Rock Description And Geologic Origin For Each Major Unit | USCS | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments | | | | | |
|------------------------|-----------------------------|-------------|--------------------------------------|---|------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|--|--|--|--|--|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | | | | | | |
| | | | 1 | | | | | | | | | | | | | | | | |
| | | | 2 | | | | | | | | | | | | | | | | |
| | | | 3 | | | | | | | | | | | | | | | | |
| | | | 4 | | | | | | | | | | | | | | | | |
| | | | 5 | | | | | | | | | | | | | | | | |
| | | | 6 | | | | | | | | | | | | | | | | |
| | | | 7 | | | | | | | | | | | | | | | | |
| | | | 8 | | | | | | | | | | | | | | | | |
| | | | 9 | | | | | | | | | | | | | | | | |
| | | | 10 | | | | | | | | | | | | | | | | |
| | | | 11 | | | | | | | | | | | | | | | | |
| | | | 12 | | | | | | | | | | | | | | | | |

Blind drill 0-13'



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Richard H. Sell

Firm: Geotans

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 283, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: Drinking Water Watershed/Wastewater Waste Management Remediation/Redevelopment Other

(1) GENERAL INFORMATION (2) FACILITY/OWNER INFORMATION

| | | | |
|--|--|---|---|
| WI Unique Well No. _____ | DNR Well ID No. <u>NA</u> | County <u>Walworth</u> | Facility Name <u>Sta-Rite Delavan</u> |
| Common Well Name <u>SB 10/04</u> | Gov't Lot (if applicable) _____ | Facility ID <u>265010900</u> | License/Permit/Monitoring No. _____ |
| Grid Location <u>SW 14 of NE 14 of Sec. 17 ; T. 2 N.; R. 16</u> | <input checked="" type="checkbox"/> E <input type="checkbox"/> W | Street Address of Well <u>293 S. Wright Street</u> | City, Village, or Town <u>Delavan WI 53115</u> |
| ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W. | Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input checked="" type="checkbox"/> | Present Well Owner <u>NA</u> | Original Owner <u>NA</u> |
| Lat. <u>42° 37' 54.8"</u> Long <u>88° 37' 25.5"</u> | St. Plane _____ ft. N. _____ ft. E. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Zone | Street Address or Route of Owner <u>NA</u> | City, State, Zip Code <u>NA</u> |
| Reason For Abandonment <u>Soil Sample Borehole</u> | WI Unique Well No. of Replacement Well <u>NA</u> | | |

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION (4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

| | | |
|--|--|--|
| Original Construction Date <u>10/08/2004</u> | If a Well Construction Report is available, please attach. | Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable |
| <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole | | Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable |
| Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>Geo Pipe / Direct Push</u> | | Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable |
| Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock | | Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Total Well Depth (ft.) <u>28</u> Casing Diameter (in.) <u>NA</u> | | Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| (From ground surface) Casing Depth (ft.) <u>NA</u> | | Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Lower Drillhole Diameter (in.) <u>2"</u> | | Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown | | If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| If Yes, To What Depth? _____ Feet | | Required Method of Placing Sealing Material |
| Depth to Water (Feet) <u>28+</u> | | <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped |
| | | <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain) |
| | | Sealing Materials |
| | | <input type="checkbox"/> Neat Cement Grout |
| | | <input type="checkbox"/> Sand-Cement (Concrete) Grout |
| | | <input type="checkbox"/> Concrete |
| | | <input type="checkbox"/> Clay-Sand Slurry (11 lb/gal. wt.) |
| | | <input type="checkbox"/> Bentonite-Sand Slurry " " |
| | | <input checked="" type="checkbox"/> Bentonite Chips |
| | | For monitoring wells and monitoring well boreholes only |
| | | <input type="checkbox"/> Bentonite Chips |
| | | <input type="checkbox"/> Granular Bentonite |
| | | <input type="checkbox"/> Bentonite - Cement Grout |
| | | <input type="checkbox"/> Bentonite - Sand Slurry |

| (5) Material Used To Fill Well/Drillhole | From (Ft.) | To (Ft.) | No. Yards (Sacks Sealant or Volume) (Circle One) | Mix Ratio or Mud Weight |
|--|----------------|------------|--|-------------------------|
| <u>Bentonite chips</u> | <u>Surface</u> | <u>28'</u> | <u>2</u> | |
| | | | | |
| | | | | |

(6) Comments: _____

| | |
|--|---|
| (7) Name of Person or Firm Doing Sealing Work <u>Toni Kanyi / On-Site Environmental</u> | Date of Abandonment <u>10/08/04</u> |
| Signature of Person Doing Work <u>Rick H. Smith (oversight)</u> | Date Signed <u>2.3.05</u> |
| Street or Route <u>175 N. Carpenter Dr.</u> | Telephone Number <u>(262) 792-1282</u> |
| City, State, Zip Code <u>Brookfield WI 53045</u> | |

| FOR DNR OR COUNTY USE ONLY | |
|----------------------------|----------|
| Date Received | Noted By |
| | |
| Comments | |
| | |

APPENDIX D

CALCULATIONS

SITE-SPECIFIC SOIL SCREENING LEVEL CALCULATIONS, STA-RITE INDUSTRIES, DELAVAN, WISCONSIN

Soil Screening Level (SSL) Calculations for Groundwater Migration Pathway

Equations from July 1996 U.S. EPA Guidance Document entitled "Soil Screening Guidance: User's Guide"

Soil/Water Partitioning Equation:

$$\text{Screening Level in Soil (mg/kg)} = C_w [K_d + (O_w + (O_a \times H')) / P_b]$$

Mass-Limit Equation:

$$\text{Screening Level in Soil (mg/kg)} = (C_w \times l \times ED) / (P_b \times ds)$$

C_w = target soil leachate concentration (mg/L) = Maximum Contaminant Level (MCL) \times dilution factor

K_d = soil-water partition coefficient (L/Kg) = $K_{oc} \times f_{oc}$

K_{oc} = soil organic carbon/water partition coefficient (L/kg); chemical-specific

f_{oc} = fraction organic carbon in soil (g/g); Default value = 0.002 (0.2%)

O_w = water-filled soil porosity; Default = 0.3

P_b = dry soil bulk density (kg/L); Default = 1.5

O_a = air-filled soil porosity = $n - O_w$

n = soil porosity = $1 - (P_b / P_s)$

P_s = soil particle density (kg/L); Default = 2.65

H' = dimensionless Henry's Law constant; chemical-specific

ds = depth of source (meters)

ED = exposure duration (years); Default = 70

Derivation of Dilution Factor:

$$\text{dilution factor} = 1 + (K_d / l)$$

K = aquifer hydraulic conductivity (meters/year)

i = hydraulic gradient

d = mixing zone depth (meters)

$$d = (0.0112L^2)^{0.5} + da \{1 - \exp[-(L \times i) / (K \times i \times da)]\}$$

L = source length parallel to groundwater flow (meters)

I = infiltration rate (meters/year); Default = 0.18 m/yr

K = aquifer hydraulic conductivity (meters/year)

i = hydraulic gradient

da = aquifer thickness (meters)

I = Infiltration rate (meters/year); Default = 0.18 m/yr

L = source length parallel to groundwater flow (meters)

| DEFAULT VALUES USED IN EQUATIONS | | |
|---------------------------------------|-------------|-------|
| Parameter | Units | Value |
| Fraction Organic Carbon in Soil (foc) | gram/gram | 0.002 |
| Water-Filled Soil Porosity (Ow) | % | 0.3 |
| Dry Soil Bulk Density (Pb) | kg/L | 1.5 |
| Soil Particle Density (Ps) | kg/L | 2.65 |
| Soil Porosity (n) | % | 0.43 |
| Air-Filled Soil Porosity (Oa) | % | 0.13 |
| Infiltration Rate (I) | meters/year | 0.18 |
| Exposure Duration (ED) | years | 70 |

| SITE-SPECIFIC PARAMETER VALUES FOR FORMER SUMP AREA | | |
|---|-------------|--------|
| Parameter | Units | Value |
| Aquifer Hydraulic Conductivity (K) | meters/year | 14,463 |
| Hydraulic Gradient (i) | m/m | 0.001 |
| Source Length Parallel to Groundwater Flow | meters | 18.3 |
| Depth of Source (ds) | meters | 9.14 |
| Aquifer Thickness (da) | meters | 30.48 |
| Mixing Zone Depth (d) | meters | 2.164 |
| Dilution Factor | | 10.500 |

(Default used for EPA generic standard = 20)

| CHEMICAL-SPECIFIC PARAMETER VALUES | | | | | |
|--|-------|-------|-------|-------|------------|
| Compound | | TCE | PCE | TCA | cis-12-DCE |
| Parameter | Units | | | | |
| Maximum Contaminant Level (MCL)/ NR140 Enforcement Standard (ES) | mg/L | 0.005 | 0.005 | 0.200 | 0.07 |
| Soil Organic Carbon/Water Partition Coefficient (Koc) | L/kg | 166 | 155 | 110 | 35.5 |
| Soil-Water Partition Coefficient (Kd) | L/kg | 0.332 | 0.310 | 0.220 | 0.071 |
| Henry's Law Constant (H') | | 0.422 | 0.754 | 0.705 | 0.167 |
| Target Soil Leachate Concentration (Cw) | mg/kg | 0.052 | 0.052 | 2.100 | 0.735 |

| CALCULATED SOIL SCREENING LEVELS FOR FORMER SUMP AREA | | | | |
|---|-------|-------|-------|------------|
| Compound | TCE | PCE | TCA | cis-12-DCE |
| Soil/Water Partitioning Equation Soil Screening Level (mg/kg) | 0.030 | 0.030 | 1.014 | 0.210 |
| Soil/Water Partitioning Equation Soil Screening Level (ug/kg) | 30 | 30 | 1,014 | 210 |
| Mass-Limit Equation Soil Screening Level (mg/kg) | 0.048 | 0.048 | 1.930 | 0.675 |
| Mass-Limit Equation Soil Screening Level (ug/kg) | 48 | 48 | 1,930 | 675 |

STA-RITE INDUSTRIES, DELAVAN NPL SITE
Estimated Mass of VOCs Remaining in Former Sump Source Area Calculations

| Estimated Dimensions of Impacted Soil | | |
|---------------------------------------|--------|---------|
| Units | (feet) | (cm) |
| Length | 30 | 914.40 |
| Width | 45 | 1371.60 |
| Thickness | 14 | 426.72 |

Note: Thickness of impacted soil = depth to water table (30ft) - depth to top of impacted soil (16 ft)

| Estimated Volume of Impacted Soil | | |
|-----------------------------------|----------------|-----------------|
| 16 - 20 ft | 5,400 | ft ³ |
| | 152,910,971.60 | cm ³ |
| 20 - 24 ft | 5,400 | ft ³ |
| | 152,910,971.60 | cm ³ |
| 24 - 26 ft | 2,700 | ft ³ |
| | 76,455,485.80 | cm ³ |
| 26 - 28 ft | 2,700 | ft ³ |
| | 76,455,485.80 | cm ³ |
| 28 - 30 ft | 2,700 | ft ³ |
| | 76,455,485.80 | cm ³ |
| TOTAL | 18,900 | ft ³ |
| | 535,188,400.59 | cm ³ |

Bulk Density of Soil = 1.5 grams/cm³ (Default Value)

| Mass of Impacted Soil = (Volume Impacted Soil) x (Bulk Density of Soil) | |
|---|----------------------------|
| 16 - 20 ft | 229,366,457.40 grams (g) |
| | 229,366.46 kilograms (kg) |
| 20 - 24 ft | 229366457.4 grams (g) |
| | 229366.4574 kilograms (kg) |
| 24 - 26 ft | 114683228.7 grams (g) |
| | 114683.2287 kilograms (kg) |
| 26 - 28 ft | 114683228.7 grams (g) |
| | 114683.2287 kilograms (kg) |
| 28 - 30 ft | 114683228.7 grams (g) |
| | 114683.2287 kilograms (kg) |
| TOTAL | 802,782,600.88 grams (g) |
| | 802,782.60 kilograms (kg) |

STA-RITE INDUSTRIES, DELAVAN NPL SITE
Estimated Mass of VOCs Remaining in Former Sump Source Area Calculations

| Soil Sample Analytical Results from October 8, 2004 Sampling Round | | |
|---|-------------------|----------------|
| Sample Depth (feet) | Total VOCs | |
| | (ug/kg) | (kg/kg) |
| 16 | 460.00 | 0.00000046 |
| 20 | 921.00 | 0.00000092 |
| 24 | 953.00 | 0.00000095 |
| 26 | 2,881.00 | 0.00000288 |
| 28 | 7,407.00 | 0.00000741 |
| Average: 16-20 | 690.50 | 0.00000069 |
| Average: 20-24 | 937.00 | 0.00000094 |
| Average: 24-26 | 1,917.00 | 0.00000192 |
| Average: 26-28 | 5,144.00 | 0.00000514 |
| Average: 28-30 | 7,407.00 | 0.00000741 |

| Estimated Mass of VOC Impacts Remaining in Former Sump Area Soil (Mass of Impacted Soil) x (Average Total VOCs Concentration in Soil) | |
|---|-------------|
| 16 - 20 ft | 0.16 kg |
| | 0.35 pounds |
| 20 - 24 ft | 0.21 kg |
| | 0.47 pounds |
| 24 - 26 ft | 0.22 kg |
| | 0.48 pounds |
| 26 - 28 ft | 0.59 kg |
| | 1.30 pounds |
| 28 - 30 ft | 0.85 kg |
| | 1.87 pounds |
| TOTAL | 2.03 kg |
| | 4.48 pounds |