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March 29, 2004
(4169.002)

Mr. Tom Wentland
Wisconsin Department of Natural Resources
4041 N. Richards Street
P.O. Box 12436
Milwaukee, WI 53212

RE: Annual Progress Report, Source Area Remedial Action, Sta-Rite Industries, Inc. Facility, Delavan, Wisconsin

Dear Mr. Wentland:

Enclosed is the Annual Progress Report for the source area remedial action at the 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 29, 2004

PERIOD: January 1 through December 31, 2003

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. The existing groundwater extraction system on the Delavan facility will prevent the residual groundwater impacts that remain in the CSES and SES areas from migrating off-site. It is also recommended that SVE in the former sump area be stopped for the remainder of 2004 as it is estimated there is only approximately 4 pounds of volatile organic compound impacts remaining in the soil above the water table. One soil sampling round will be conducted in the former sump area in 2004 to confirm the sampling results from this reporting period and evaluate whether it will be appropriate to request the permanent shut-down of the SVE system in the former sump area.

The recommendations contained in the enclosed progress report will be implemented by Sta-Rite Industries 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

Encs.

cc: Jon Raymond (2 copies), Sta-Rite Industries, Inc.
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 Sta-Rite Industries 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 Sta-Rite facility property and is referred to as the southeast extraction system (SES). The third leg remediates soil impacts at the former location of a sump that was located adjacent to the north wall of Plant 2 of the Sta-Rite Delavan facility and is referred to as the former sump area.

SVE from the CSES leg was 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. During this reporting period, groundwater continued to be extracted from several of the dual SVE/GWE wells in the CSES area from January 1 through December 23. Five of the dual SVE/GWE wells were operational at the start of the reporting period, but at some point after September 26, four of the pumps in the dual SVE/GWE wells stopped pumping groundwater. Groundwater continued to be pumped from the one dual SVE/GWE well that was operational until December 23, at which time the pump was turned off.

SVE from the SES leg was also discontinued on March 18, 2002 per the recommendation made in the the February 1999 through April 2001 progress report, which was approved by the WDNR in the letter dated February 13, 2002. Groundwater was not extracted from the dual SVE/GWE wells in the SES area during this reporting period 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 were unsuccessful due to the presence of the fine-grained sediment in the wells.

The third leg, which is only an SVE system, continues to remediate the impacts at the former sump area, next to the north wall of Plant 2. Cycling of the SVE system in the former sump area on a schedule of three weeks off followed by one week of operation was used to address the residual soil impacts that remain above the water table in this area.

Volatile organic compound (VOC) removal using SVE has decreased significantly in the former sump are due to decreased VOC concentrations in the soil. VOC mass removal rates at the former sump source area, which had been insignificant in 1997, were addressed by using heated soil vapor extraction (HSVE) to enhance remediation efforts in this location. The HSVE system began operating in August 1998 and was enhanced by increasing the temperature in August 1999. The rate of VOC removal increased immediately following initiation of the HSVE, and again following the increased temperature. Soil samples from the area around the HSVE showed declining VOC concentrations and then increases in concentration as the increased temperatures mobilized VOCs trapped within the soil in the former sump area. The major increase in VOCs removed following the temperature increase was from the less volatile compounds which are generally less easily removed. HSVE was discontinued in the former sump area in November 2001 as the HSVE remedial action reached its practical limits of effectiveness. The soil impacts that remain in the former sump area continue to be addressed using SVE. As stated above, SVE in the CSES and the SES areas was discontinued in March 2002. Cycling of the SVE system in the former sump area began on March 18, 2002. Analytical results for soil samples collected from the former sump area during this reporting period show that total VOC impacts in the soil have declined by approximately 97% to 100% from levels that were present in the soil before HSVE was begun.

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. 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. The groundwater analytical results from the groundwater investigation conducted in the CSES and SES areas indicate trichloroethene (TCE) is the only contaminant present above its NR140 enforcement standard.

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 the groundwater sampling rounds show stabilized or continued declining VOC concentrations in groundwater both at Plant 1 and Plant 2.

The analytical results for soil vapor, soil and groundwater samples collected from the site are summarized on Tables 1, 2, 3, 4 and 5 and Figure 1. Copies of the daily operations logs for the dual SVE/GWE system are provided in Appendix A. Laboratory results for soil, soil vapor, and groundwater monitoring conducted during this reporting period are included in Appendices B, C and D. Soil boring logs and monitoring well construction summary forms for the temporary monitor wells installed as part of the groundwater investigation and the soil boring logs for the boreholes installed in the former sump area during this reporting period are provided in Appendix E.

Reporting Period VOC Removal

For the reporting period from January 1, 2003 through December 31, 2003 the following amounts of VOCs are estimated to have been removed from the three source areas (not including VOCs removed from groundwater extraction wells EX-1 through EX-7):

Pounds of	Vapor Phase (pounds)	Liquid Phase (pounds)	Total (pounds)
Trichloroethene (TCE)	1.88	0.70	2.58
1,1,1-trichloroethane (TCA)	0	1.05	1.05
Tetrachloroethene (PCE)	0.18	0	0.18
TOTAL VOCS*	3.25	1.75	5.00

(*Total VOCs in vapor includes TCE, TCA, PCE, and the rest as hexane. Liquid phase does not have a total VOC analyzed, so it is a sum of TCE, TCA, and PCE.)

Cumulative VOC Removal Results

Since system initiation on June 16, 1994, the groundwater extracted from the CSES and the SES source areas has removed an estimated 146 pounds of VOCs through December 31, 2003 (Table 5). An estimated 1,840 pounds of VOCs have been removed in the vapor phase over the same time from the CSES, SES and former sump areas (Table 1). **A total of 1,986 pounds of VOCs have been removed in 114 months of operation.**

SOIL SOURCE AREAS

From January 1, 2003 to December 31, 2003, the former sump area leg of the SVE system was the only leg operated. The former sump area leg was cycled on a one week on, three weeks off schedule during this reporting period. Groundwater continued to be extracted from some of the dual SVE/GWE wells in the CSES through December 23. Soil samples collected from the former sump source area in 2003 indicate VOC impacts remain in the soil above the water table, but continue to show a decreasing trend (Table 2). The decline in VOC impacts in the soil in the former sump area is causing a decreasing trend in VOC removal rates via the SVE system. The decline in VOC removal rates is illustrated by the decrease in slope on the charts showing the cumulative mass of VOCs removed via the SVE/HSVE system (Figures 2 and 3).

A summary of the total mass of VOCs removed from the vapor phase is presented on Table 1 and Figures 2 and 3. Steady decreases in the rate of VOC removal are apparent from the initiation of the SVE system; however, the rate of VOC removal increased following installation and operation of the HSVE system at the former sump location (Figure 4). The decreasing trend in VOC removal is illustrated by the decrease in the slopes of the curves on Figures 2 and 3. Prior to initiating HSVE at the former sump source area, the average VOC removal rate of the SVE system had dropped to approximately 0.14 pounds/day (Figure 4). After HSVE was started at the former sump source area, the average VOC removal rate for the SVE/HSVE system from August 1998 to December 1998 increased to approximately 0.33 pounds/day. Average VOC removal rates showed a declining trend from 1998 to 2001, which indicated HSVE had reached its practical limits of effectiveness. As stated previously, HSVE from the former sump area was discontinued in November 2001 and SVE cycling was begun on March 18, 2002 to address the residual soil impacts in the immediate vicinity of the former sump. As Figure 4 illustrates, the average VOC removal rate in 2003 for the SVE system was approximately 0.068 pounds/day, which is lower than the average VOC removal rate prior to the start of HSVE.

Soil Sampling

Soil samples were collected from the former sump source area to evaluate the progress of the SVE remediation. Soil samples were collected from one location in the former sump area on September 16, 2003 and December 22, 2003 (Figure 1).

The Geoprobe® direct-push sampling system was used to collect the soil samples from the former sump area. Portions of the soil samples collected from the Geoprobe® borings 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 on September 16, 2003 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. The Geoprobe® boring installed in the former sump area on December 22, 2003 could only be advanced to a maximum

depth of 20 feet bgs due to the presence of cobbles or boulders at depth. Several attempts to advance the Geoprobe® sampling equipment beyond 20 feet bgs were unsuccessful. Soil samples collected from 16 feet bgs and 20 feet bgs were submitted for laboratory analysis of VOCs. Copies of the laboratory analytical reports for the soil samples collected from the two Geoprobe® borings installed in the former sump area during this reporting period are provided in Appendix B. Copies of the borehole logs and borehole abandonment forms for the Geoprobe® borings installed in the former sump area during this reporting period are provided in Appendix E.

Since HSVE initiation, the concentration of VOCs, especially the most volatile compounds, TCE and PCE, have been significantly reduced using the HSVE. Review of the soil sample analytical data from the former sump source area show that TCA, which with TCE and PCE are the contaminants of concern, has not been detected in any of the soil samples. The analytical results for the soil samples collected in 2003 show a continued decline in VOC impacts in the former sump area as a result of the SVE cycling, especially at depths from 24 to 28 feet bgs (Table 2).

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, 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. TCA has not been detected in the soil samples collected from the former sump area, but soil performance standards were calculated for it as it is a contaminant of concern in the groundwater.

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 F.

The site-specific soil performance standards calculated for TCE, TCA, PCE and DCE are listed on Table 6. As Table 6 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 6. As Table 6 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 two

Geoprobe® borings installed near the former location of the sump on September 16, 2003 and December 22, 2003:

- The generic and site-specific soil performance standards for TCE were exceeded in the soil samples collected from the September 16 Geoprobe® boring at 24 feet bgs, 26 feet bgs and 28 feet bgs.

- The generic and site-specific soil performance standards for PCE were exceeded in the soil samples collected from both Geoprobe® borings at 16 feet bgs, 20 feet bgs, and from the September 16 Geoprobe® boring at 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 samples collected at 16 feet bgs and 20 feet bgs on September 16, 2003. Only the site-specific soil performance standard for DCE was exceeded in the soil sample collected at 16 feet bgs on December 22, 2003.

Contaminant Mass Estimate

The soil sample analytical results from 2003 indicate the mass of impacted soil in the former sump area continues to decrease due to the remedial action in this area. The mass of VOC impacts remaining in the former sump area is estimated to be approximately 4 pounds, which represents a decline of 153 pounds from the previous reporting period. The mass of VOC impacts remaining was calculated using an estimated volume of 18,900 cubic feet for the impacted soil and average total VOCs concentrations calculated from the analytical results for the soil samples collected from the Geoprobe® borings installed near the former location of the sump in 2003. The calculations used to estimate the mass of VOC impacts remaining in the former sump area are provided in Appendix F.

Soil Vapor Sampling

Soil vapor air samples were collected from the SVE system on January 7, February 5, March 4, April 8, May 6, June 3, July 8, August 5, September 9 and October 7. A summary of the VOCs detected and removed since the inception of SVE in June 1994 is provided in Table 1. Copies of the analytical reports for the soil vapor air samples collected during this reporting period are provided in Appendix C.

As previously noted, the former sump area leg of the SVE system was the only leg operated during this reporting period. The SVE system in the former sump area is cycled on a schedule of approximately three weeks off followed by one week of operation to maximize the effectiveness of VOC removal.

Contaminants Removed

Approximate contaminant removal rates were calculated based on concentrations in the soil vapor and the rate of soil vapor extraction. During this reporting period, VOC removal rates ranged from 0.0 pounds/hour to 0.015 pounds/hour (0.36 pounds/day or 130 pounds/year). Since HSVE was initiated in August 1998, the average total VOCs removal rate has declined from 0.33 pounds/day in 1998 to 0.034 pounds/day in 2002 (Figure 4). The average total VOCs removal rate increased to 0.068 pounds/day in 2003 from the 2002 average rate, but is still approximately one order of magnitude lower than the removal rate of 1998. The higher 2003 average removal rate is due almost entirely to the air sample results from the March 4, 2003 sample. The analytical results for the remaining air samples collected in 2003 are of the same magnitude as the air samples collected during the last half of 2002.

GROUNDWATER

The dual SVE/GWE system removes impacted groundwater from two areas; the groundwater in the CSES is remediated by seven dual SVE/GWE wells; and the groundwater in the southeast corner of Plant 2 is remediated by the four SES dual SVE/GWE wells. As stated previously, all of the dual SVE/GWE wells in the SES area were inoperable for groundwater extraction during this reporting period due to fine-grained sediments clogging the wells. Five of the seven dual SVE/GWE wells in the CSES were operational at the start of the reporting period. Sometime after September 26, four of the five pumps that were operational at the start of the reporting period failed. Pumping from the last operational dual SVE/GWE well in the CSES area was stopped on December 23 pending evaluation of the analytical data collected from the groundwater investigation conducted in this area. The groundwater in the former sump area continues to be remediated by downgradient wells EX-1 and EX-7, extraction wells installed prior to and operated separately from the 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.

A summary of the total mass of VOCs removed from the liquid phase by the two dual SVE/GWE systems (not including the downgradient extraction wells previously installed) is provided in Table 6. Groundwater impacts in the source areas have been decreasing in concentration due to the remedial efforts, and so has the groundwater VOC removal rate. The mass of VOCs removed during each reporting period are provided on Table 6 and show a decreasing trend in VOC removal rates. A review of the groundwater analytical results for the samples collected from the CSES effluent shows that total VOCs concentrations have remained in the 25 ug/L to 30 ug/L range since April 2001, which suggests that the remedial action in this area has reached its practical limits of effectiveness. The groundwater analytical data from 2001 and 2002 for the SES show stable total VOCs concentrations in the 3 ug/L to 4 ug/L range, which also suggests that the remedial action in this area has reached its practical limits of effectiveness.

Groundwater Sampling

Groundwater samples were collected in June 2003 and October 2003. The June 2003 and October 2003 groundwater sampling rounds were conducted in accordance with revisions made to the groundwater monitoring plan in the February 1998 through February 1999 Progress Report. Groundwater analytical data from the site monitor wells are presented in Appendix D and summarized in Tables 3 and 5. Total VOC concentrations for each sampling round are also listed next to each monitor well on Figure 1. As can be seen on Table 3, the rate of VOC concentration reductions in impacted wells has significantly reduced since system initiation, due to source removal.

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 5 through 11. Charts showing VOC removal rates and the cumulative mass of VOCs removed from the SES and CSES groundwater extraction areas are provided as Figures 12 and 13 respectively. The concentration of impacts at these locations has decreased fairly regularly with time, indicating a reduction in the source of impacts due to the remedial action.

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

Plant 1: Three monitor wells, two extraction wells, the operational dual SVE/GWE extraction wells in the CSES area. Contaminants of concern are TCA, and TCE.

PCE: PCE is generally absent at Plant 1. However, it was detected above its Chapter NR140 preventive action limit (PAL) of 0.5 ug/L in the groundwater samples collected from monitor well D-25R during both sampling rounds. PCE was not detected in any other Plant 1 well sampled during this reporting period.

TCA: The groundwater samples 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 ES in the groundwater samples collected from monitor wells MW-1027, TW-4 and D-25R, extraction well EX-3, and the CSES during this reporting period. The PAL for TCE was exceeded in the groundwater sample collected from extraction well EX-2R.

A comparison of the 2002 analytical results to the 2003 analytical results reveal the following trends:

- TCE concentrations in MW-1027 decreased slightly from 330 to 260 ug/L in the 2002 to 230 to 200 ug/L in 2003.
- TCE concentration in TW-4 increased slightly from 60 ug/L in 2002 to 89 ug/L in 2003.
- At monitor well D-25R, TCE concentrations show no significant change between the 2002 and 2003 sampling round with reported TCE concentrations at 4.7 ug/L and 6.2 ug/L for the 2002 samples and 4.6 and 7.7 ug/L for the 2003 samples.
- The TCE concentration in extraction well EX-2R decreased from 22 ug/L in 2002 to 2.9 ug/L in 2003.
- The TCE concentration in extraction well EX-3 increased from 28 ug/L in 2002 to 46 ug/L in 2003.
- TCE concentrations in the groundwater samples collected from the CSES area decreased slightly from 14 to 10 ug/L in 2002 to 11 to 9.6 ug/L in 2003.

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

TCA: No TCA was detected in any of the groundwater samples collected from Plant 2 monitor wells and extraction well during this reporting period.

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

A comparison of the 2002 analytical results to the 2003 analytical results reveal the following trends:

- The TCE concentration in monitor well D-18 increased from 3 ug/L in 2002 to 20 ug/L in 2003.
- No TCE was detected in the groundwater samples collected from monitor well MW-2004 in 2002 and 2003. TCE has not been detected in MW-2004 since the July 1998 sampling round.
- The TCE concentration in monitor well MW-2005 remained essentially unchanged at 0.89 ug/L in 2002 and 0.87 ug/L in 2003.
- TCE impacts in monitor well D-15 decreased from 62 to 61 ug/L in 2002 to 39 to 29 ug/L in 2003.
- TCE concentrations in monitor well TW-3 decreased from 7.8 to 3.2 ug/L in 2002 to 2.6 to 2.0 ug/L in 2003.

- TCE concentration in the groundwater samples collected from extraction well EX-7 also showed a decrease from 58 to 35 ug/L in 2002 to 30 to 26 ug/L in 2003.

PCE: Concentrations exceeded the ES of 5.0 ug/L at monitor wells MW-2005, D-15 and D-18, and the June 24, 2003 sample collected from extraction well EX-7. The PAL of 0.5 ug/L was exceeded in the groundwater samples collected from monitor well TW-3. No PCE was detected in the groundwater sample collected from monitor well MW-2004 and the October 20, 2003 sample collected from extraction well EX-7.

A comparison of the 2002 analytical results to the 2003 analytical results reveal the following trends:

- PCE concentrations in monitor well D-18 increased from 2.6 ug/L in 2002 to 9.1 ug/L in 2003.
- No PCE was detected in the groundwater samples collected from monitor well MW-2004 in 2002 and 2003. PCE has not been detected in MW-2004 since the August 1996 sampling round.
- PCE impacts in monitor well MW-2005 decreased from 9.8 ug/L in 2002 to 6.0 ug/L in 2003.
- PCE concentrations in monitor well D-15 decreased from 17 to 16 ug/L in 2002 to 11 to 7.5 ug/L in 2003.
- PCE concentrations in monitor well TW-3 showed little change between 2002 (4.0 to 2.1 ug/L) and 2003 (2.8 to 2.5 ug/L).
- Reported PCE concentrations in extraction well EX-7 were at similar levels between the two 2002 sampling rounds (26 to 19 ug/L) and the June 24, 2003 sampling round (20 ug/L). As presented above, no PCE

was detected in the groundwater sample collected from EX-7 on October 20, 2003.

SES and CSES Areas Groundwater Investigation

Two rounds of groundwater samples were collected from four temporary monitor wells installed in and around the SES area to document the degree and extent of groundwater impacts in this area. Two rounds of groundwater samples were also collected from the operational dual SVE/GWE wells in the CSES and monitor well MW-1026, which is located downgradient of the CSES, to document the degree and extent of groundwater impacts in the CSES area. The groundwater samples were submitted for laboratory analysis of PCE, TCE, 1,1,1-TCA, 1,1,2-TCA and vinyl chloride. The groundwater analytical results are summarized on Table 4. Copies of the laboratory analytical reports are included in Appendix D.

The groundwater analytical results from the groundwater investigation conducted in the CSES and SES areas indicate TCE is the only contaminant present above its NR140 enforcement standard. In the SES area, TCE concentrations range from not detected in temporary monitor wells TW-304 and TW-306 to 180 ug/L in TW-305. TW-304 is located upgradient of the SES, TW-306 is located sidegradient of the SES and TW-305 is located downgradient of the SES (Figure 1). In the CSES area, TCE concentrations are at 10 ug/L in the dual SVE/GWE wells sampled and in MW-1026.

Flow Rate

Table 5 presents groundwater extraction information for the dual SVE/GWE system, including revised and updated flow rate information. As stated previously, no groundwater was pumped from the SES area due to fine-grained sediment clogging the dual SVE/GWE well screens and pump inlets. Pumping from the dual SVE/GWE wells in the CSES area was also stopped on December 23, 2003 pending evaluation of the analytical data obtained from the groundwater investigation conducted in the CSES and SES areas in September and December 2003. When in operation, the

flow rate from the CSES was between approximately 18.8 and 13.0 gallons per minute (gpm) in 2003.

Contaminants Removed

The total TCE, TCA, and PCE removed from the CSES and SES through the end of the reporting period are listed on the last line of Table 5. Approximately 50.3 pounds of TCE, 93.0 pounds of TCA, and 1.6 pounds of PCE have been removed from June 1994 through December 2003, for a total of 146.4 pounds of VOCs. Most of the VOCs were removed from the Plant 1 CSES location (see Figure 13).

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 during this reporting period, 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 two soil sampling rounds conducted in the former sump source area (September 16, 2003 and December 22, 2003) 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 the estimated volume of impacted soil, only about 4 pounds of VOC impacts remain in the soil above the water table in this area.

Based on the soil vapor air samples collected from the SVE system, the VOC removal rate has declined to levels below the removal rate just prior to the start of HSVE in the former sump area. Soil vapor analytical data suggest the SVE system in the former sump area has reached its practical limits of effectiveness in remediating the soil impacts.

Recommendations

SVE System

Because it is estimated that only 4 pounds of VOC impacts remain in the soil above the water table in the former sump area, it is recommended that SVE cycling in the former sump area be discontinued for the remainder of 2004. One round of soil samples will be collected from one sample location in the former sump area to confirm the results of the 2003 sampling activities. The soil sampling round will be scheduled to take place sometime during the last three months of 2004. The Geoprobe® direct-push soil sampling system will be used to collect the soil samples from the sampling location. Soil samples will be collected at 16 feet bgs, 20 feet bgs, 24 feet bgs, 26 feet bgs and 28 feet bgs will be submitted for VOCs analysis (Method SW 8260B) to document the degree and extent of residual soil impacts. The analytical data obtained from the soil sampling round will be used to determine whether it is appropriate to request the permanent shut-down of the SVE system in the former sump area in the 2004 progress report.

Groundwater Extraction System

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 temporary monitor wells installed in and around the SES area should also be decommissioned. The groundwater investigation conducted in the CSES and SES areas during the 2003 reporting period indicate that 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 Sta-Rite 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

It is recommended that monitor well MW-1026 be added to the groundwater monitoring program to monitor the groundwater downgradient of the CSES area. Groundwater samples would be collected semi-annually from MW-1026and submitted for laboratory analyses of TCE, TCA and PCE.

It is also recommended that one new water table monitor well be installed in the area where temporary monitor well TW-305 is currently located to monitor the groundwater downgradient of the SES area (Figure 1). The monitor well would be installed and developed in accordance with Chapter NR141 of the Wisconsin Administrative Code. Groundwater samples would 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 7.

FIGURES

Figure 1. Site Layout and total VOC concentrations for Site Groundwater Monitoring Points
Figure 2. Sta-Rite Delavan SVE/HSVE System Cumulative Mass Removed Chart 1
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Figure 6. Plant 1 1,1,1-Trichloroethane (TCA) Concentration Changes
Figure 7. Plant 1 Total VOC Concentration Changes
Figure 8. Plant 2 Trichloroethene (TCE) Concentration Changes
Figure 9. Plant 2 1,1,1-Trichloroethane (TCA) Concentration Changes
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Table 3. Summary of Groundwater Monitoring Analytical Results
Table 4. Summary of Groundwater Analytical Results from CSES and SES Areas Groundwater Investigation
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APPENDICES

Appendix A. Dual Soil Vapor/Groundwater Extraction System Daily Operation Logs

Appendix B. Soil Sample Analytical Results

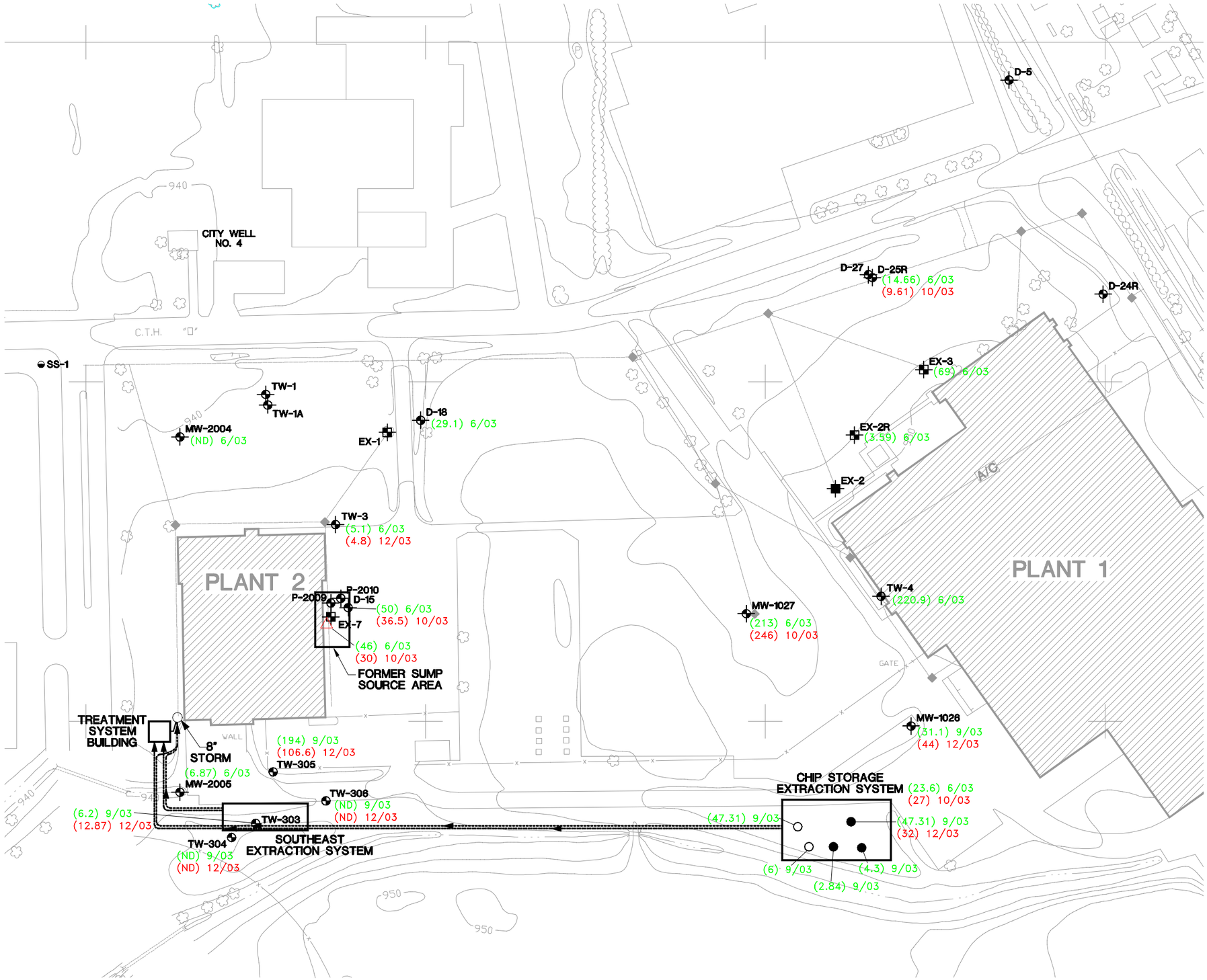
Appendix C. Soil Vapor Extraction System Analytical Results

Appendix D. Groundwater Monitoring Analytical Results.

Appendix E. Soil Boring Logs and Borehole Abandonment Forms

Appendix F. Calculations

FIGURES



EXPLANATION

△	APPROXIMATE LOCATION OF GEOPROBE BORING
MW-2004	MONITOR WELL LOCATION AND DESIGNATION
E-3	EXTRACTION WELL LOCATION AND DESIGNATION
SS-1	STORM SEWER SAMPLE LOCATION AND DESIGNATION
P-2009	PIEZOMETER LOCATION AND DESIGNATION
E-2	ABANDONED EXTRACTION WELL 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)
(213) 6/03	TOTAL VOCs CONCENTRATION (ug/L) FROM JUNE 2003 (6/03) OR SEPTEMBER 2003 (9/03) SAMPLING ROUND
(246) 10/03	TOTAL VOCs CONCENTRATION (ug/L) FROM OCTOBER 2003 (10/03) OR DECEMBER 2003 (12/03) SAMPLING ROUND
(ND)	NO VOCs DETECTED

N

SCALE

0 300

Feet

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

STA-RITE INDUSTRIES, INC. DELAVAN, WISCONSIN	DATE: 3/18/04 DESIGNED: HJW CHECKED: MAM APPROVED: MAM DRAWN: HJW PROJ.: 4169.002
SITE LAYOUT AND TOTAL VOCs CONCENTRATIONS FOR GROUNDWATER MONITORING POINTS	
GeoTrans, Inc. A TETRA TECH COMPANY	Figure 1

S:\CAD\Sta-Rite\Delavan\3-18-04\4169002001.dwg 03/18/2004 09:00:03

Figure 2. Sta-Rite Delavan SVE/HSVE System Cumulative Mass Removed Chart 1

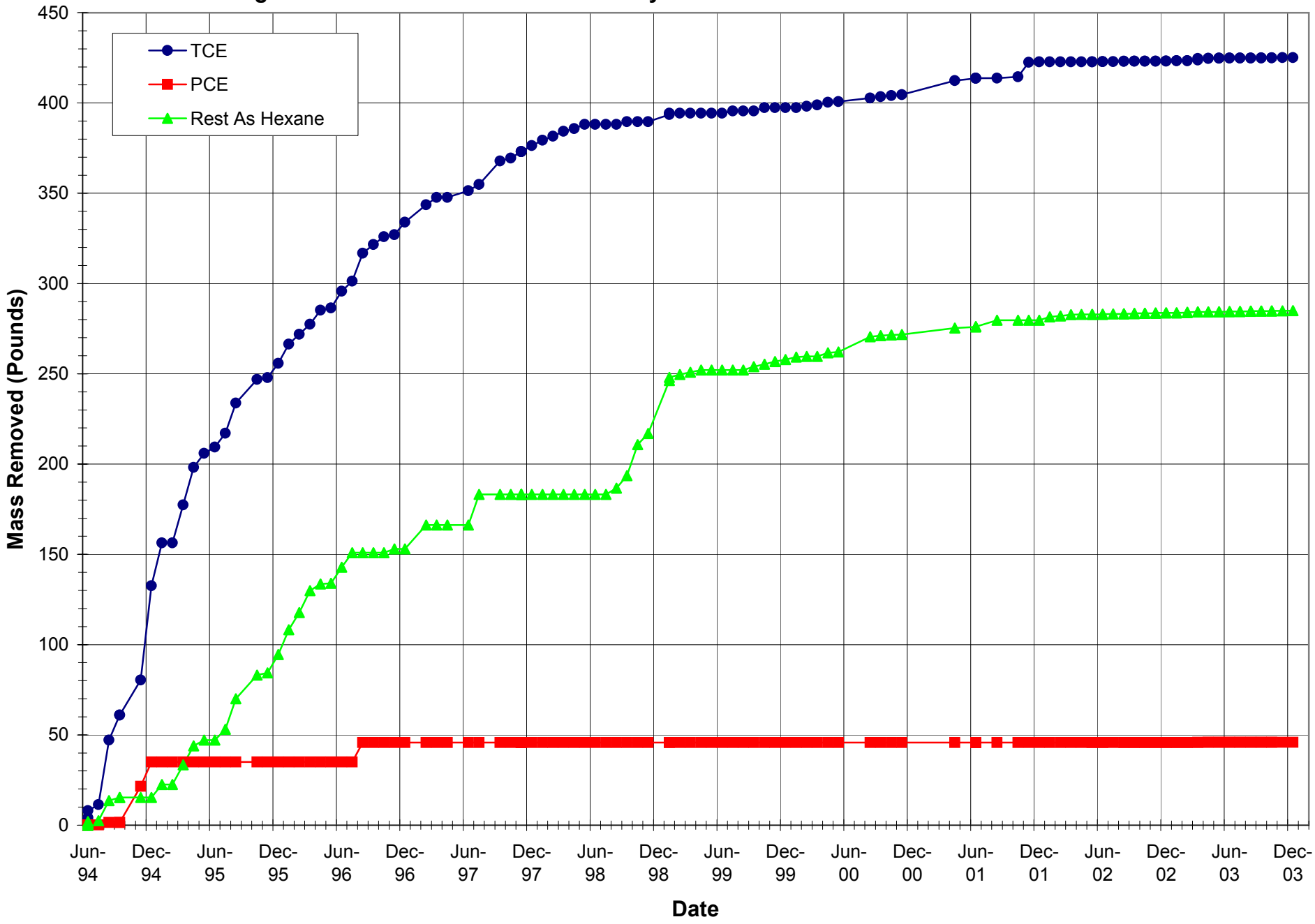


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Figure 3. Sta-Rite Delavan SVE/HSVE System Cumulative Mass Removed Chart 2

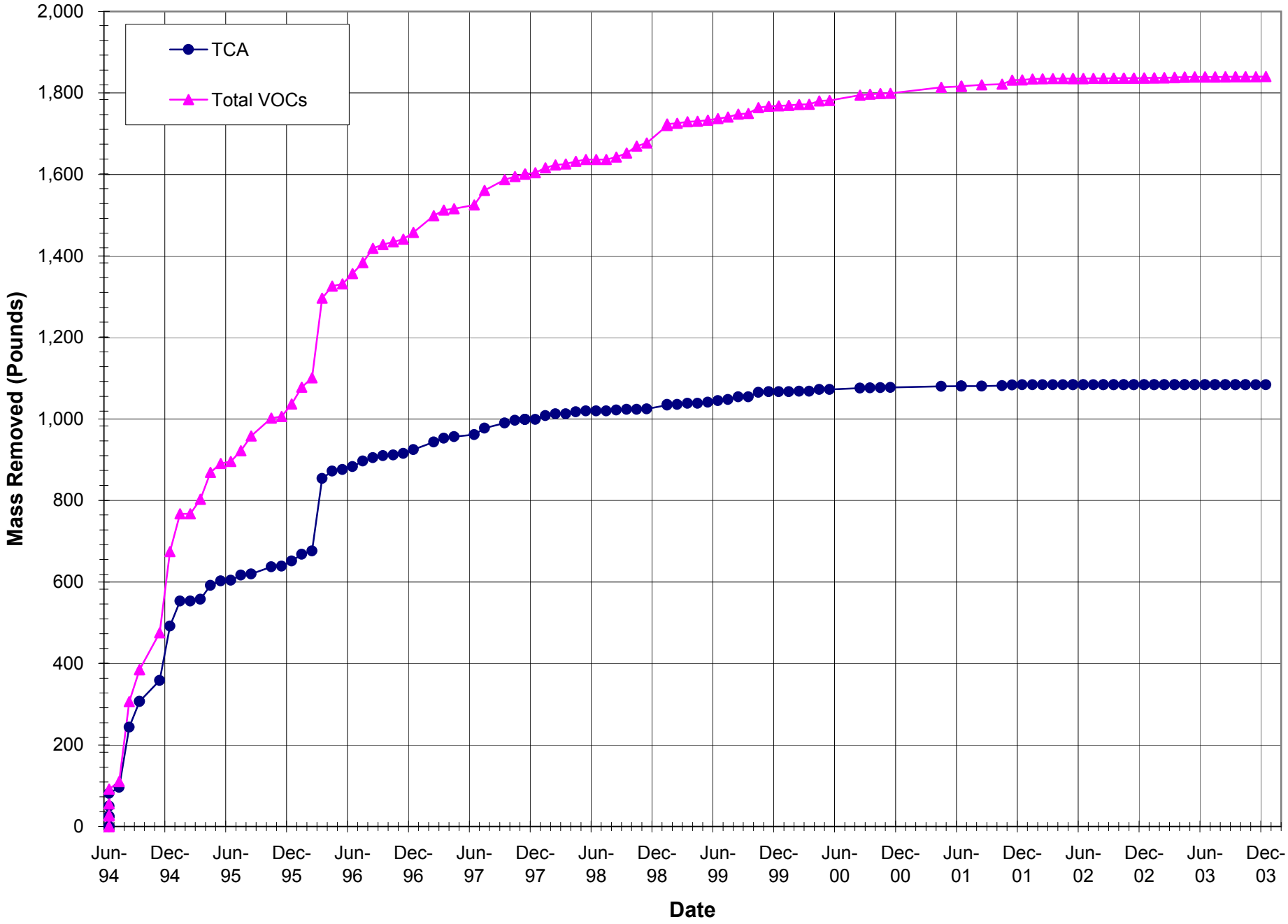

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Figure 4. Average Total VOCs Removal Rates, Sta-Rite Delavan SVE/HSVE System

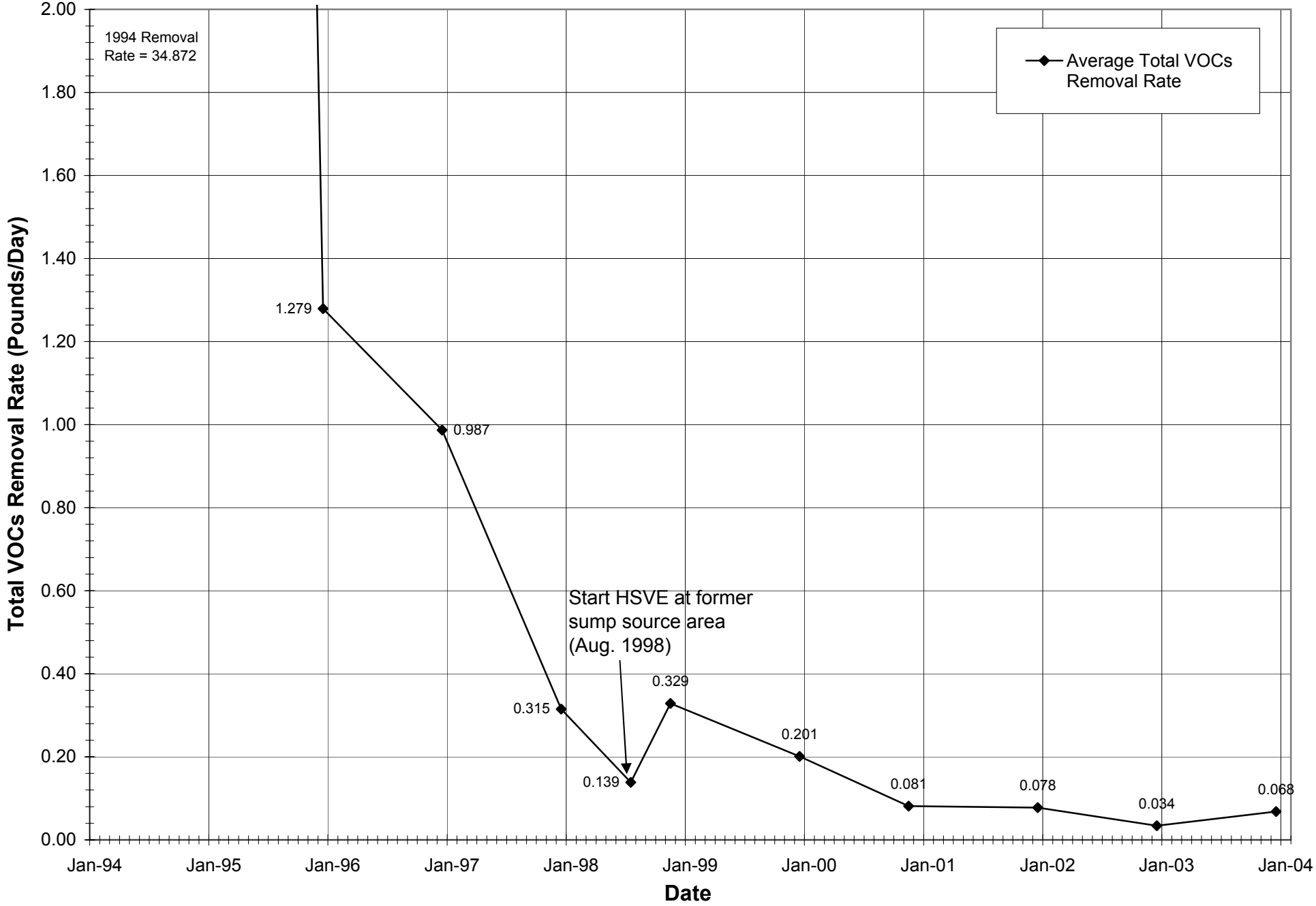

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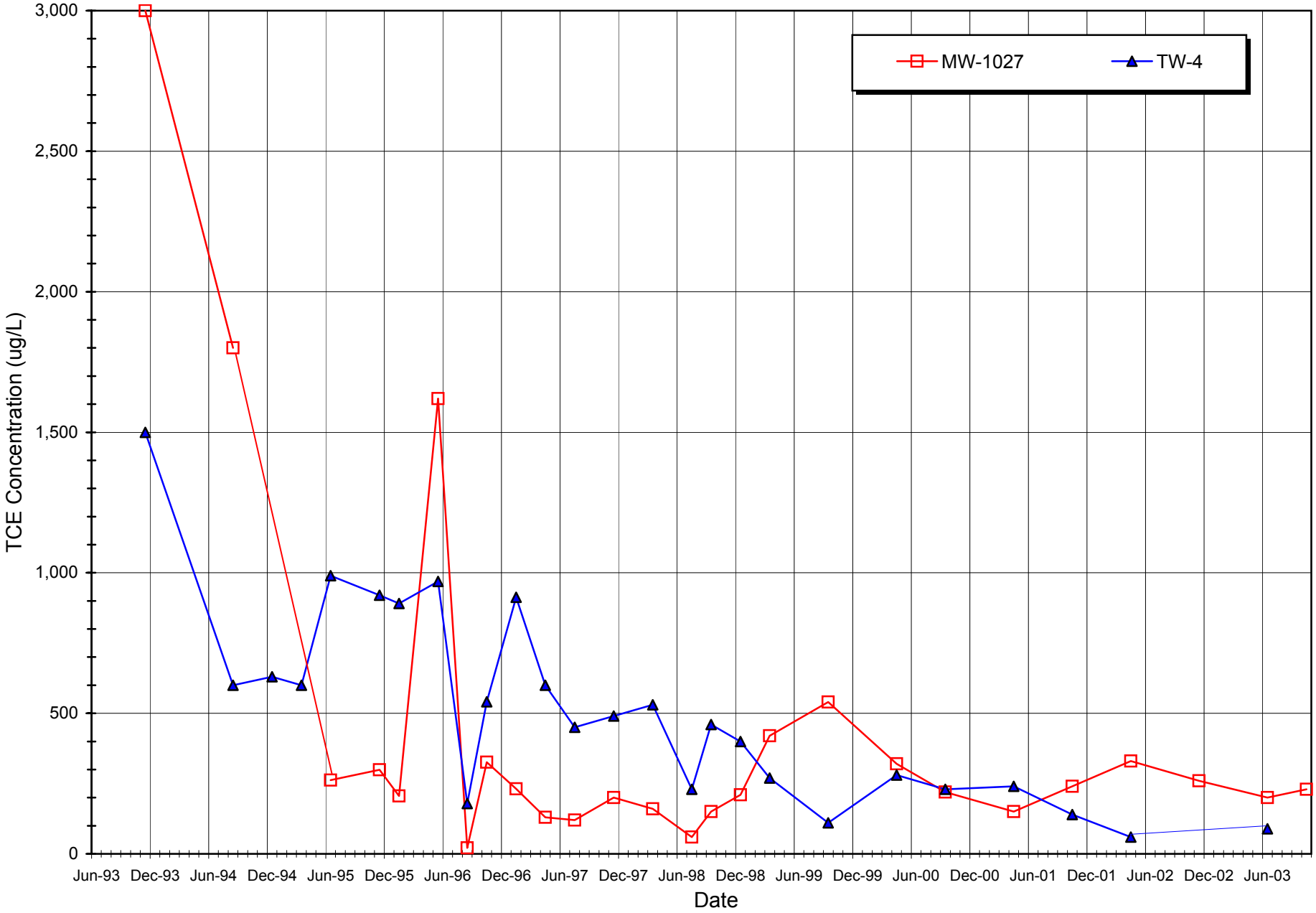
Figure 5. Plant 1 Trichloroethene (TCE) Concentration Changes
ES = 5 ug/L, PAL = 0.5 ug/L



P:\StaRite\Delavan\GW_Chem.xls\Plant1TCE

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

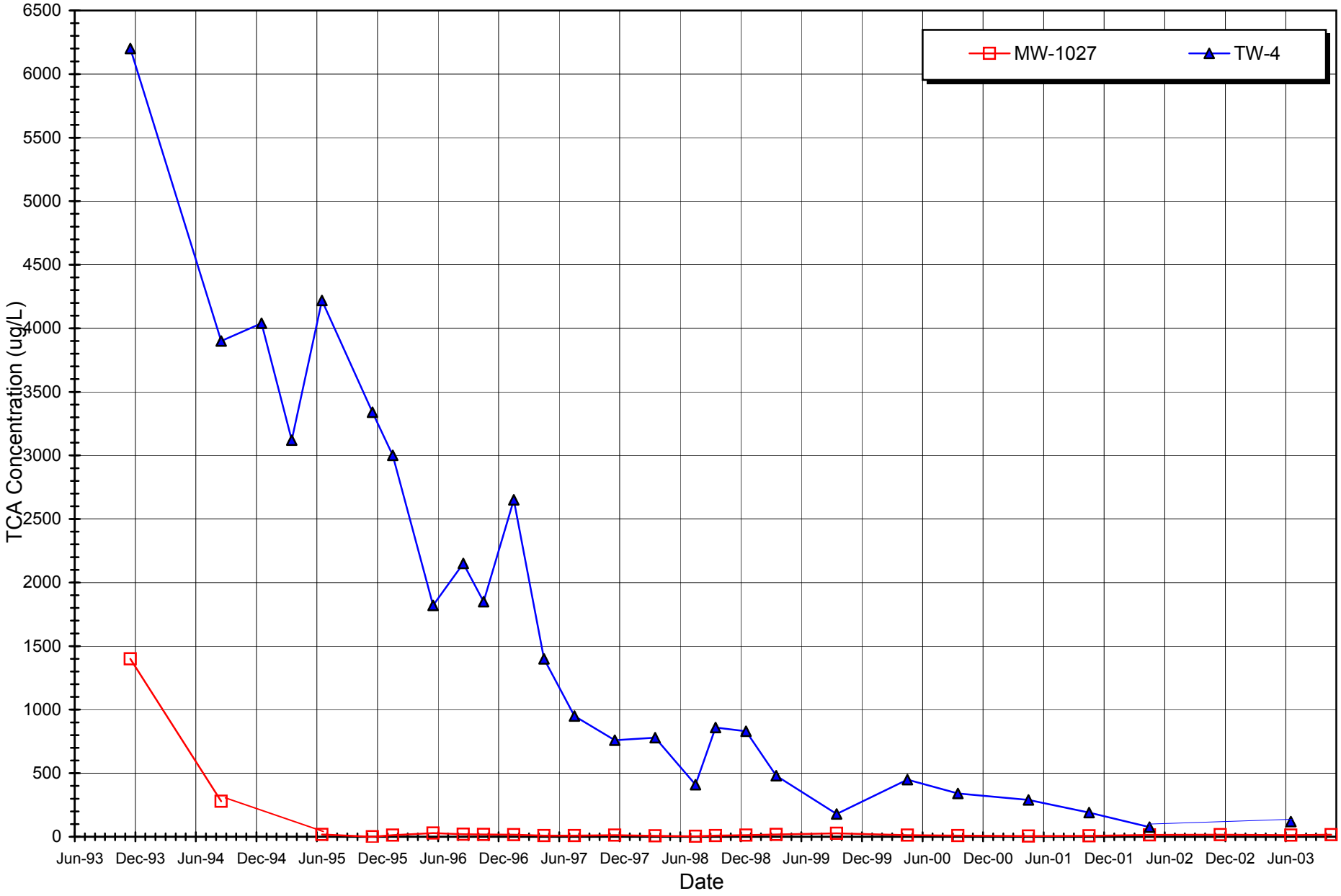


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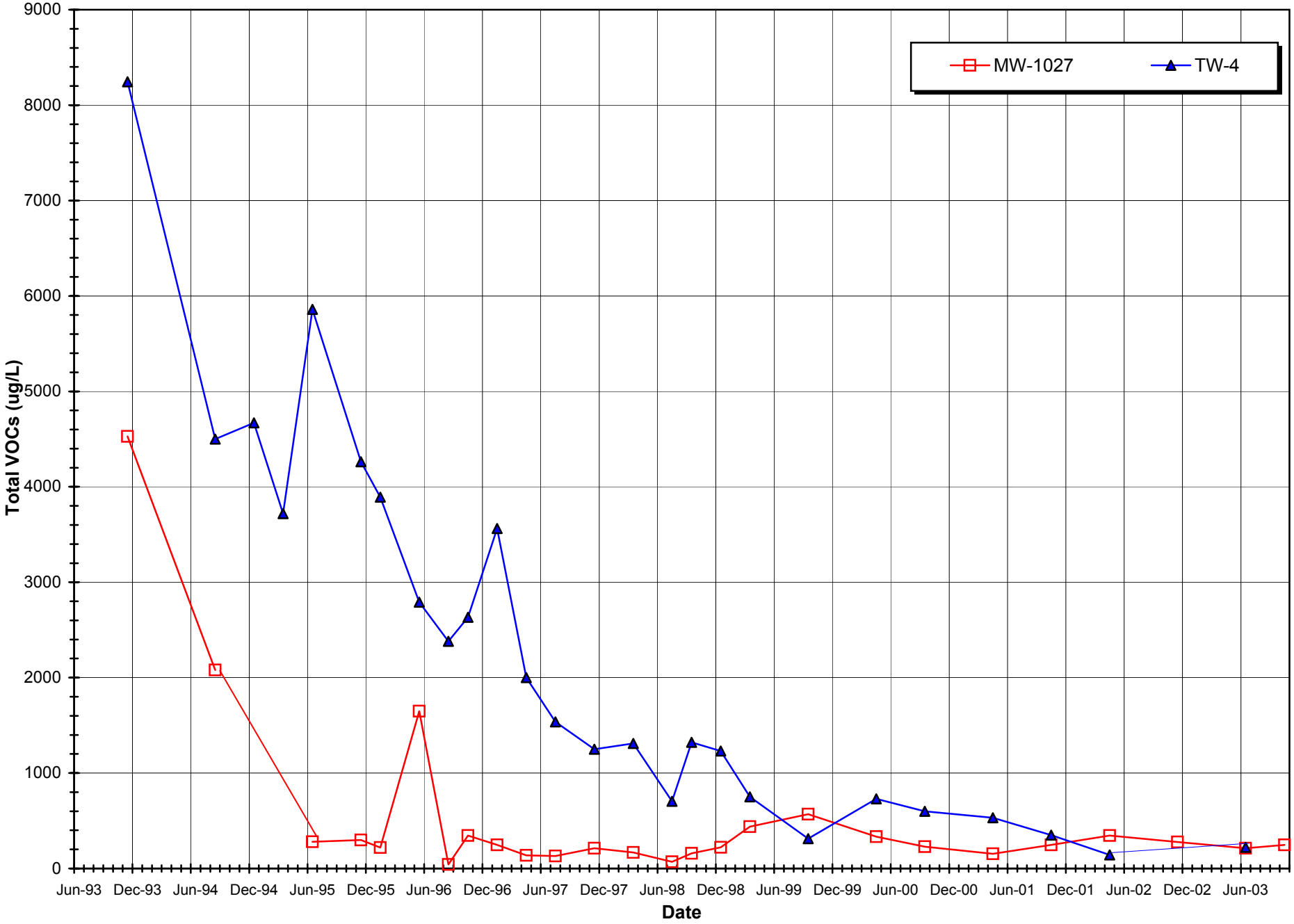
Figure 7. Plant 1 Total VOC Concentration Changes



P:\StaRite\Delavan\GW_Chem.xls\Plant1VOCs

Figure 8. Plant 2 Trichloroethene (TCE) Concentration Changes
ES = 5 ug/L, PAL = 0.5 ug/L

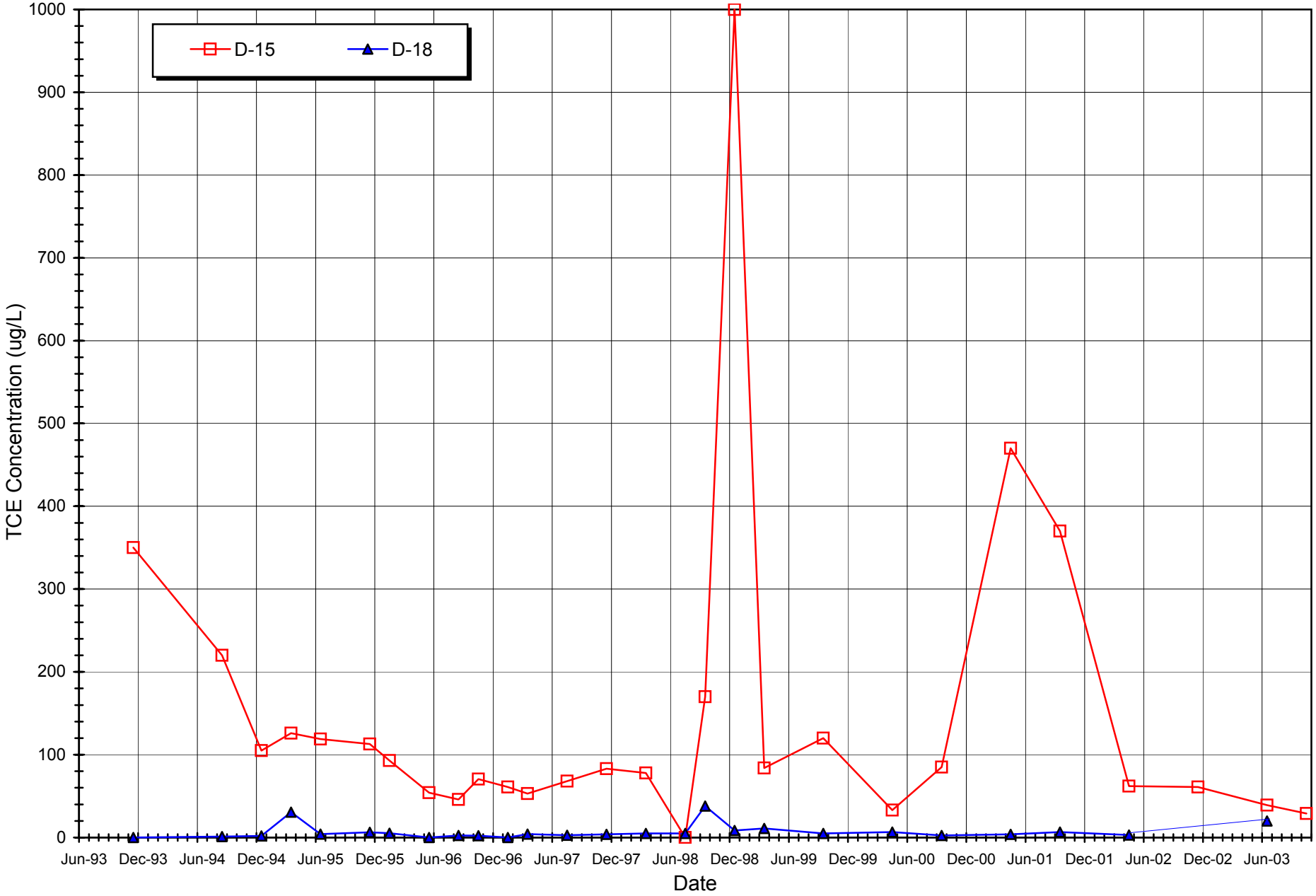


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Figure 9. Plant 2 1,1,1-Trichloroethane (TCA) Concentration Changes
ES = 200 ug/L, PAL = 40 ug/L

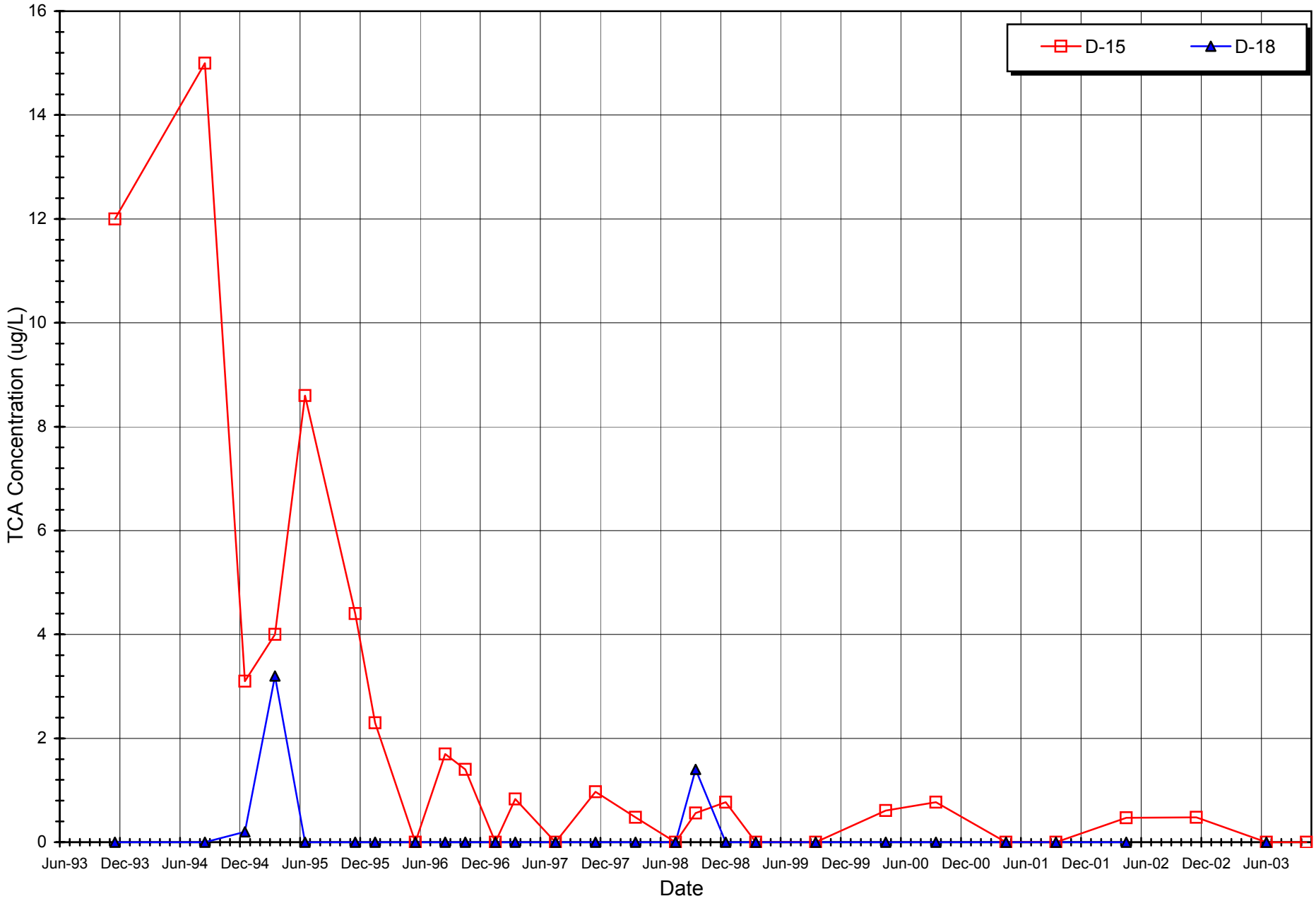

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Figure 10. Plant 2 Tetrachloroethene (PCE) Concentration Changes
ES = 5 ug/L, PAL = 0.5 ug/L

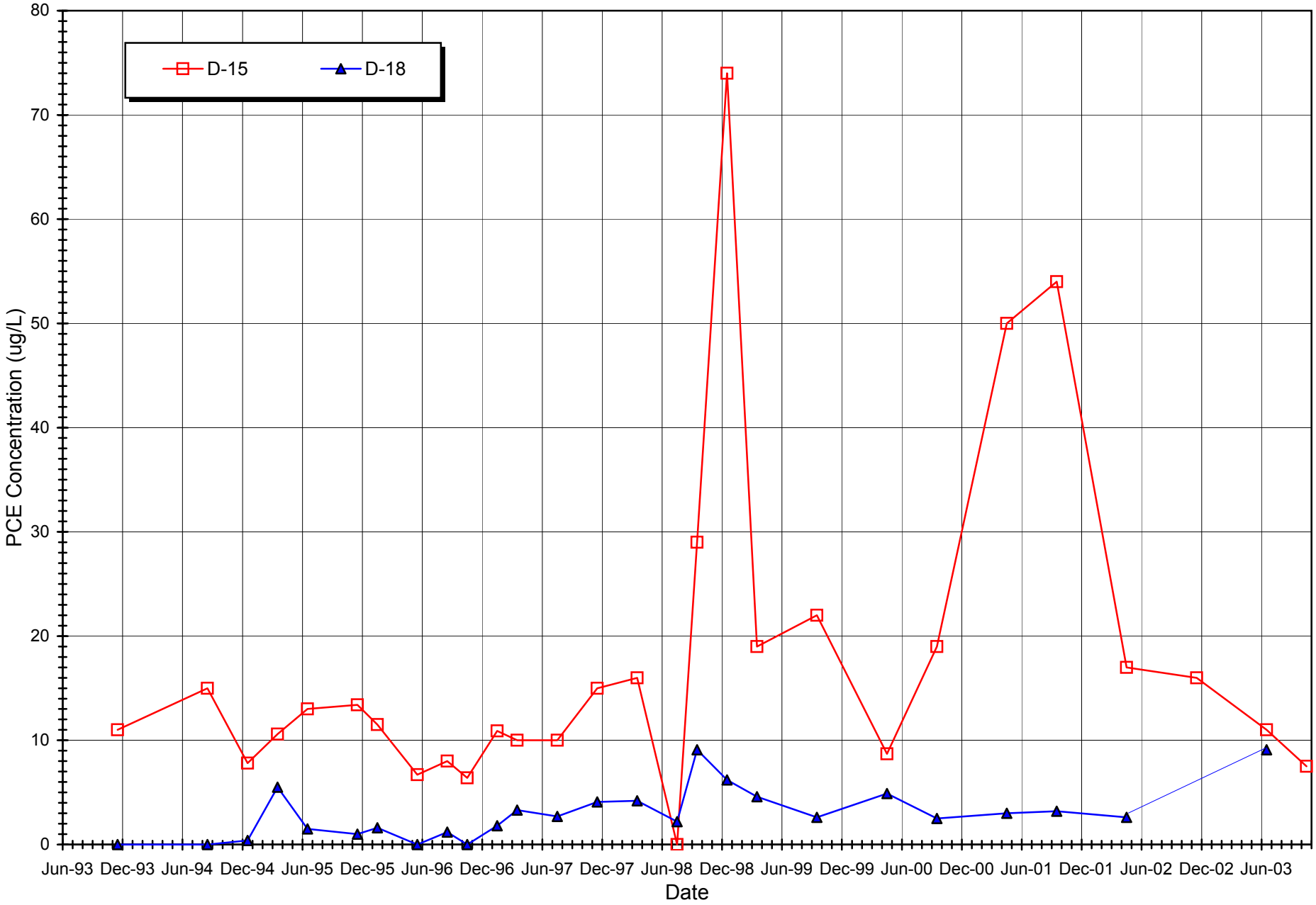

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Figure 11. Plant 2 Total VOC Concentration Changes

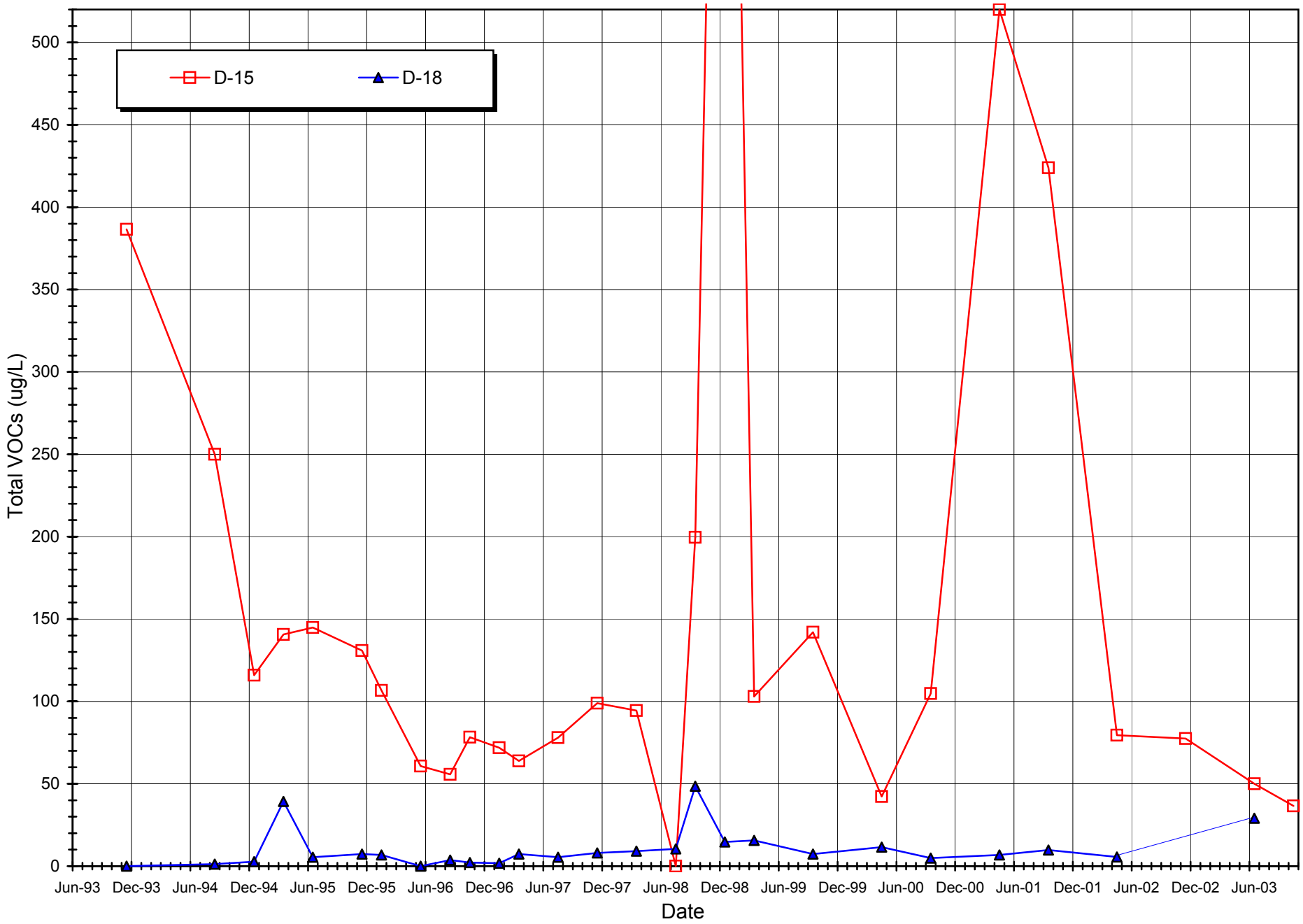

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Figure 12. Groundwater VOC Removal Rates

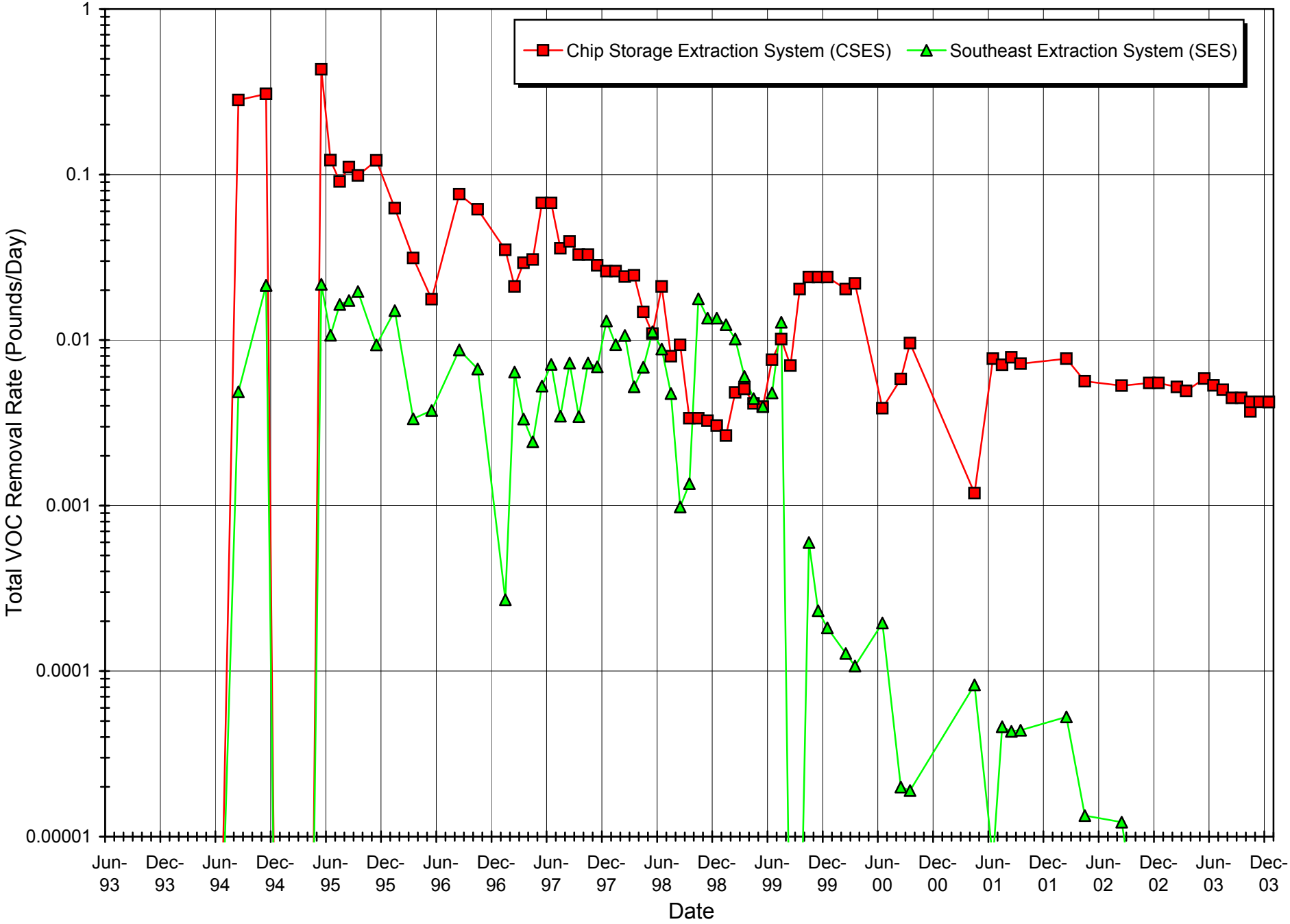

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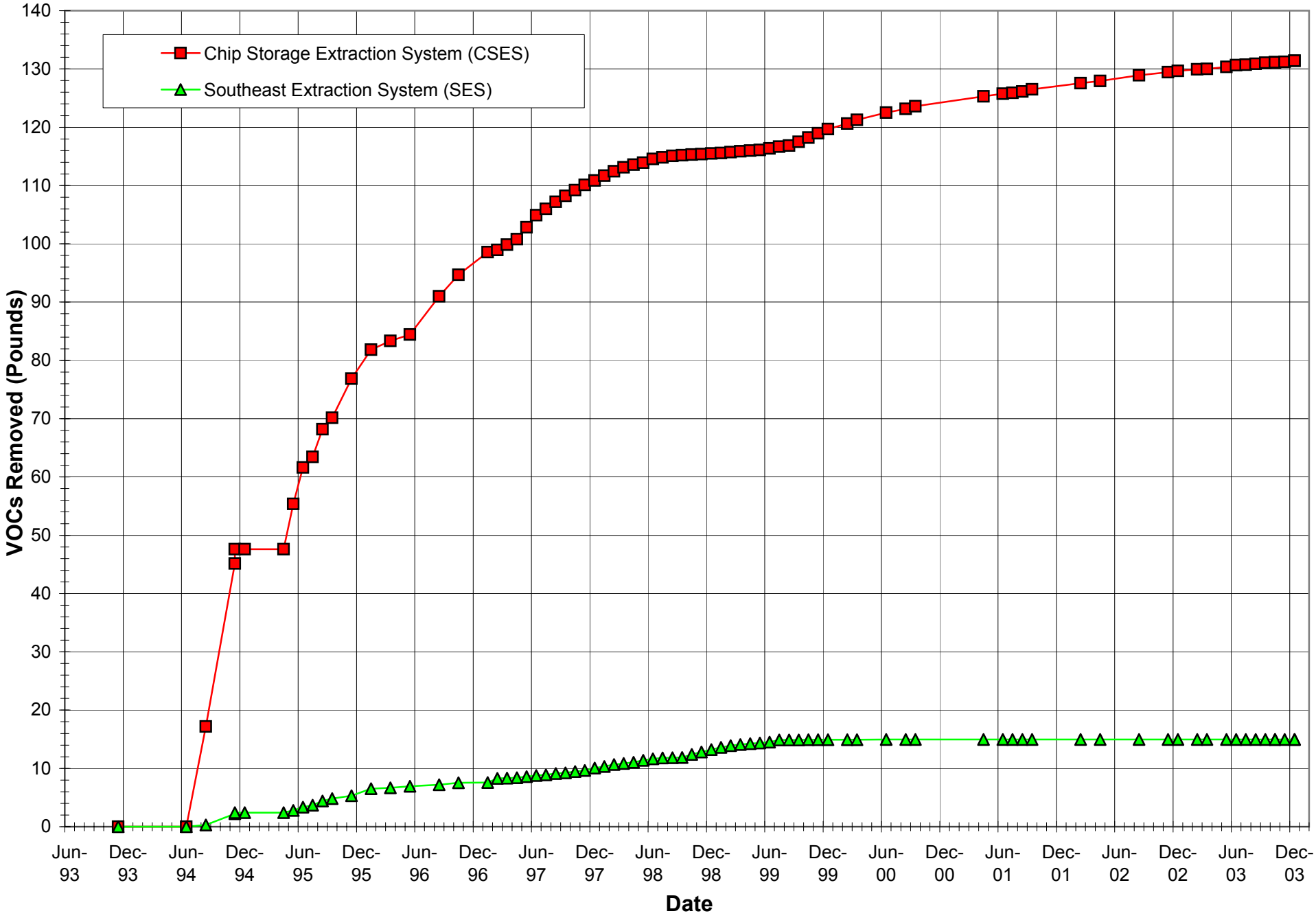
Figure 13. Cumulative Mass of VOCs Removed from Groundwater



P:\StaRite\Delavan\GW_Chem.xls\CumChart

TABLES

Table 1. SVE System Monitoring Data.

	SVE MONITORING MEASUREMENTS						LABORATORY RESULTS (mg)						CALCULATED REMOVAL RATE					CALCULATED MASS REMOVED BETWEEN SAMPLE DATES				
		Hours of	SAMPLE DATA			P1	T1							TCE	TCA	PCE	Hexane	Total	TCE	TCA	PCE	Hexane	Total
	Date	SVE Operation *	Sample ID **	Flow Rate (L/min)	Time (min)	Exhaust Pressure (" H2O)	Sampling Temp - Air (deg F)	TCE	TCA	PCE	Benzene	Rest as Hexane	Total VOCs (Calculated)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	VOCs (lb/hr)	(lb)	(lb)	(lb)	(lb)	VOCs (lb)
	06/16/94	1.5	1130-B-5	1.7	5	12.0	165	ND	ND	ND	ND	ND	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.00
	06/16/94	0.25	1145-2-5	1.7	5	12.0	165	0.1800	0.052	0.068	<0.001	0.0073	0.3073	0.0448	0.0129	0.0169	0.0018	0.0765	0.011	0.003	0.004	0.000	0.02
	06/16/94	0.25	1150-2-15	0.22	15	12.0	160	0.0650	0.024	0.021	<0.001	<0.0046	0.11	0.0414	0.0153	0.0134	0.0000	0.0700	0.010	0.004	0.003	0.000	0.02
	06/16/94	2	200-023-5	1.7	5	15.0	130	0.0890	0.018	0.027	<0.001	0.0057	0.1397	0.0208	0.0042	0.0063	0.0013	0.0326	0.042	0.008	0.013	0.003	0.07
	06/16/94	2.3	420-001-5	1.7	5	13.0	145	2.6000	42	<0.0056	<0.001	1.7	46.3	0.6252	10.0996	0.0000	0.4088	11.1336	1.438	23.229	0.000	0.940	25.61
	06/16/94	0.6	440-123-10	1.7	10	14.0	130	1.3000	17	0.029	<0.001	0.1	18.429	0.1521	1.9885	0.0034	0.0117	2.1557	0.091	1.193	0.002	0.007	1.29
	06/16/94	0.3	450-123-5	1.7	5	14.0	130	0.7800	10	0.015	<0.001	0.05	10.845	0.1825	2.3394	0.0035	0.0117	2.5371	0.055	0.702	0.001	0.004	0.76
	06/17/94	15	740-123-5	1.7	5	14.0	130	0.6900	7.1	0.011	<0.001	0.11	7.911	0.1614	1.6610	0.0026	0.0257	1.8507	2.421	24.915	0.039	0.386	27.76
	06/18/94	24	740-123-5	1.7	5	14.0	130	0.7000	5.6	0.01	<0.001	0.12	6.43	0.1638	1.3101	0.0023	0.0281	1.5042	3.930	31.442	0.056	0.674	36.10
	07/14/94	630	115-123-5	1.7	5	14.0	130	0.2300	1	<0.0068	NA	0.028	1.258	0.0054	0.0234	0.0000	0.0007	0.0294	3.387	14.726	0.000	0.412	18.53
~	08/23/94	957	945-123-5	1.7	5	14.0	130	0.1600	0.66	0.0062	NA	0.05	0.8762	0.0374	0.1544	0.0015	0.0117	0.2050	35.802	147.685	1.387	11.188	196.06
	09/14/94	504	***estimated	1.7	5	11.5	165	0.1100	0.5	<0.0068	NA	0.014	0.624	0.0274	0.1247	0.0000	0.0035	0.1556	13.822	62.827	0.000	1.759	78.41
	09/28/94	339	109-123-5	1.7	5	10.0	180	<0.0067	<0.0056	<0.0058	NA	<0.0051	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.00
	11/15/94	1150	1030-123-5	1.7	5	8.0	115	0.3200	0.85	0.33	NA	<0.0048	1.5	0.0740	0.1966	0.0763	0.0000	0.3469	19.354	51.409	19.959	0.000	90.72
	12/19/94	815	850-123	1.7	5	8.0	130	0.2700	0.69	0.07	NA	<0.0055	1.03	0.0641	0.1638	0.0166	0.0000	0.2444	52.191	133.377	13.531	0.000	199.10
	01/06/95	433	1000-123-5	1.7	5	13.0	140	0.2300	0.60	No Data	NA	0.07	0.90	0.0548	0.1431	0.0000	0.0166	0.2145	23.750	61.956	0.000	7.177	92.88
	02/05/95	719	845-123-5	1.7	5	13.0	140	No Data	0	0	0	0	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.00
	03/06/95	699	1130-123-5	1.7	5	14.0	82	0.1400	0.03	<0.0060	NA	0.07	0.239	0.0301	0.0058	0.0000	0.0155	0.0514	21.014	4.053	0.000	10.807	35.87
	04/11/95	863	1015-123-5	1.7	5	13.6	93	0.1100	0.18	<0.0060	NA	0.06	0.346	0.0241	0.0395	0.0000	0.0123	0.0759	20.834	34.092	0.000	10.606	65.53
	05/02/95	507	1255-123-5	1.7	5	13.6	98	0.0690	0.10	NA	NA	0.03	0.196	0.0153	0.0219	0.0000	0.0062	0.0434	7.747	11.115	0.000	3.144	22.01
~	06/22/95	1222	1050-123-5	1.7	5	13.6	98	0.0130	0.0055	NA	NA	<0.0096	0.0185	0.0029	0.0012	0.0000	0.0000	0.0041	3.518	1.488	0.000	0.000	5.01
	First Year Subtotal																		**209.418**	**604.225**	**34.995**	**47.107**	**895.74**
~	07/12/95	480	1100-123-5	1.7	5	13.6	98	0.0720	0.12	<0.0060	NA	0.06	0.248	0.0159	0.0266	0.0000	0.0124	0.0549	7.653	12.756	0.000	5.953	26.36
	08/24/95	1035	220-123-5	1.7	5	13.4	120	0.0700	0.011	<0.0066	NA	0.07	0.152	0.0161	0.0025	0.0000	0.0164	0.0350	16.685	2.622	0.000	16.924	36.23
~	10/30/95	1581	1105-123-5	1.7	5	13.4	120	0.0360	0.049	<0.0064	NA	0.04	0.121	0.0083	0.0113	0.0000	0.0083	0.0279	13.108	17.841	0.000	13.108	44.06
~	11/03/95	96	1025-123-5	1.7	5	13.4	120	0.0460	0.072	<0.0060	NA	0.059	0.177	0.0106	0.0166	0.0000	0.0136	0.0408	1.017	1.592	0.000	1.304	3.91
~~	12/06/95	791	845-123-5	1.7	5	14.7	90	0.0460	0.072	<0.0060	NA	0.059	0.177	0.0100	0.0157	0.0000	0.0128	0.0385	7.921	12.399	0.000	10.160	30.48
~~	01/19/96	1056		1.7	5	14.5	95	0.0460	0.072	<0.0060	NA	0.059	0.177	0.0101	0.0158	0.0000	0.0130	0.0389	10.676	16.711	0.000	13.694	41.08
	02/14/96	625	1030-123-5	1.7	5	14.5	95	0.0390	0.059	<0.0065	NA	0.069	0.167	0.0086	0.0130	0.0000	0.0152	0.0367	5.357	8.105	0.000	9.478	22.94
	03/28/96	1030	830-123-5	1.7	5	12.6	160	0.0220	0.7	<0.0190	NA	0.048	0.77	0.0054	0.1727	0.0000	0.0118	0.1899	5.590	177.849	0.000	12.195	195.63
	04/30/96	792	840-123-5	1.7	5	13.2	132	0.0420	0.098	<0.0068	NA	0.02	0.16	0.0099	0.0230	0.0000	0.0047	0.0376	7.823	18.254	0.000	3.725	29.80
	05/08/96	192	840-123-5	1.7	5	13.7	140	0.0260	0.079	<0.0068	NA	0.0055	0.1105	0.0062	0.0188	0.0000	0.0013	0.0263	1.188	3.611	0.000	0.251	5.05
	06/12/96	844	100-123-5	1.7	5	10.9	185	0.0426	0.034	<0.0056	NA	0.041	0.1176	0.0110	0.0088	0.0000	0.0106	0.0303	9.264	7.394	0.000	8.916	25.57
	Second Year Subtotal																		**86.284**	**279.133**	**0.000**	**95.709**	**461.13**

SVE MONITORING MEASUREMENTS							LABORATORY RESULTS (mg)						CALCULATED REMOVAL RATE					CALCULATED MASS REMOVED BETWEEN SAMPLE DATES				
	Hours of	SAMPLE DATA			P1	T1							TCE	TCA	PCE	Hexane	Total	TCE	TCA	PCE	Hexane	Total
Date	SVE Operation *	Sample ID **	Flow Rate (L/min)	Time (min)	Exhaust Pressure (" H2O)	Sampling Temp - Air (deg F)	TCE	TCA	PCE	Benzene	Rest as Hexane	Total VOCs (Calculated)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	VOCs (lb/hr)	(lb)	(lb)	(lb)	(lb)	VOCs (lb)
07/22/96	958	1030-123-5	0.1	120	12.7	135	0.0350	0.083	<0.0098	NA	0.0504	0.1684	0.0059	0.0139	0.0000	0.0084	0.0282	5.621	13.329	0.000	8.094	27.04
08/27/96	867	13-12-45	0.1	45	12.7	135	0.0400	0.022	0.028	NA	<0.005	0.0898	0.0179	0.0098	0.0124	0.0000	0.0401	15.503	8.526	10.774	0.000	34.80
09/24/96	648	12-40	0.1	40	13.0	127	0.0150	0.015	<0.0062	NA	<0.0048	0.03	0.0074	0.0074	0.0000	0.0000	0.0149	4.819	4.819	0.000	0.000	9.64
10/24/96	717	1045-23-1hr	0.1	60	12.6	122	0.0180	0.008	<0.0098	NA	<0.0052	0.0259	0.0059	0.0026	0.0000	0.0000	0.0085	4.233	1.858	0.000	0.000	6.09
11/04/96	266	1245-12-1hr	0.1	60	13.0	112	0.0130	0.043	<0.011	NA	0.025	0.081	0.0042	0.0138	0.0000	0.0081	0.0261	1.114	3.684	0.000	2.142	6.94
12/17/96	1028	900-13-60	0.1	60	13.5	90	0.0220	0.029	<0.0057	NA	<0.0050	0.051	0.0068	0.0090	0.0000	0.0000	0.0158	6.995	9.221	0.000	0.000	16.22
02/11/97	1346	1055-12-60	0.1	60	12.0	120	0.0220	0.042	<0.0063	NA	0.030	0.094	0.0072	0.0137	0.0000	0.0098	0.0308	9.693	18.506	0.000	13.218	41.42
Subtotal February 1996 Through February 1997 (note overlap with second year subtotal 3/96 through 6/96)																		**71.843**	**267.050**	**10.774**	**48.542**	**398.21**
03/26/97	1031	1005-13-60	0.1	60	3.8	103	0.0120	0.029	<0.0068	NA	<0.0051	0.041	0.0039	0.0094	0.0000	0.0000	0.0133	4.010	9.691	0.000	0.000	13.70
04/18/97	551	835-23-30	0.1	30	12.7	128	<0.0052	0.010	<0.0061	NA	<0.0051	0.0095	0.0000	0.0063	0.0000	0.0000	0.0063	0.000	3.465	0.000	0.000	3.47
06/10/97	1274	1047-13-60	0.1	60	14.0	112	0.0090	0.013	<0.0073	NA	<0.0054	0.022	0.0029	0.0042	0.0000	0.0000	0.0071	3.684	5.321	0.000	0.000	9.01
07/24/97	1055	1245-12-60	0.1	60	13.2	135	0.0100	0.044	<0.0069	NA	0.048	0.1019	0.0033	0.0147	0.0000	0.0160	0.0341	3.533	15.547	0.000	16.925	36.01
09/23/97	1462	1030-13-60	0.1	60	13.4	123	0.0270	0.027	<0.0072	NA	<0.0051	0.054	0.0089	0.0089	0.0000	0.0000	0.0177	12.943	12.943	0.000	0.000	25.89
10/21/97	675	130-12-60	0.1	60	13.5	120	0.0072	0.029	<0.0069	NA	<0.0052	0.0362	0.0023	0.0095	0.0000	0.0000	0.0118	1.585	6.385	0.000	0.000	7.97
11/20/97	715	840-13-60	0.1	60	13.8	102	0.0160	0.010	<0.0066	NA	<0.0048	0.026	0.0051	0.0032	0.0000	0.0000	0.0082	3.613	2.258	0.000	0.000	5.87
11/20/97	1.25	1015-1-60	0.1	60	13.8	102	0.0140	0.023	0.0066	NA	<0.0048	0.0436	0.0044	0.0073	0.0021	0.0000	0.0138	0.006	0.009	0.003	0.000	0.02
11/20/97	1.5	1145-2-60	0.1	60	13.8	102	0.0053	<0.0053	<0.0066	NA	<0.0048	0.0053	0.0017	0.0000	0.0000	0.0000	0.0017	0.003	0.000	0.000	0.000	0.00
11/20/97	2	0115-3-60	0.1	60	13.8	102	0.0240	<0.0048	<0.0066	NA	<0.0048	0.024	0.0076	0.0000	0.0000	0.0000	0.0076	0.015	0.000	0.000	0.000	0.02
12/16/97	622	1045-23-60	0.1	60	12.9	129	0.0160	<0.0056	<0.0069	NA	<0.0051	0.016	0.0053	0.0000	0.0000	0.0000	0.0053	3.299	0.000	0.000	0.000	3.30
01/27/98	1007	1000-12-60	0.1	60	12.8	132	0.0090	0.027	<0.0072	NA	<0.0052	0.036	0.0030	0.0090	0.0000	0.0000	0.0120	3.023	9.070	0.000	0.000	12.09
02/25/98	696	1005-13-60	0.1	60	12.7	128	0.0098	0.020	<0.0068	NA	<0.0051	0.0298	0.0032	0.0066	0.0000	0.0000	0.0099	2.260	4.612	0.000	0.000	6.87
Subtotal February 1997 through February 1998																		**37.974**	**69.302**	**0.003**	**16.925**	**124.20**
03/24/98	648	10:22-23-1hr	0.1	60	12.9	112	0.0130	<0.0056	<0.0069	NA	<0.0050	0.013	0.0042	0.0000	0.0000	0.0000	0.0042	2.7137	0.0000	0.0000	0.0000	2.7137
04/15/98	696	121010-1hr	0.1	60	13.2	112	0.0064	0.022	<0.007	NA	<0.0052	0.0284	0.0021	0.0071	0.0000	0.0000	0.0091	1.4339	4.9291	0.0000	0.0000	6.3630
05/20/98	840	60150	0.1	60	13.0	133	0.0084	0.007	<0.0064	NA	<0.0049	0.0158	0.0028	0.0025	0.0000	0.0000	0.0053	2.3560	2.0755	0.0000	0.0000	4.4315
06/17/98	672	sve-1hr	0.1	60	11.8	172	<0.0057	<0.0055	<0.0072	NA	<0.0054	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
07/15/98	672	60-123	0.1	60	12.8	155	<0.0052	<0.0053	<0.024	NA	<0.0048	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
08/24/98	960	60-123	0.1	60	13.5	117	<0.0045	0.008	<0.0058	NA	0.011	0.0187	0.0000	0.0025	0.0000	0.0036	0.0061	0.0000	2.3987	0.0000	3.4266	5.8253
09/22/98	696	sves-13-60	0.1	60	13.3	118	0.0065	0.007	<0.006	NA	0.031	0.0441	0.0021	0.0021	0.0000	0.0101	0.0143	1.4713	1.4939	0.0000	7.0167	9.9819
10/26/98	816	1245-60-23	0.1	60	11.6	160	<0.0054	<0.0053	<0.0067	NA	0.060	0.06	0.0000	0.0000	0.0000	0.0210	0.0210	0.0000	0.0000	0.0000	17.1499	17.1499
11/18/98	552	125-60-123	0.1	60	13.7	109	<0.0048	0.006	<0.006	NA	0.035	0.0417	0.0000	0.0020	0.0000	0.0113	0.0133	0.0000	1.1299	0.0000	6.2322	7.3621
01/11/99	1296	13-60	0.1	60	12.5	138	0.0092	0.022	<0.0064	NA	0.067	0.0982	0.0031	0.0074	0.0000	0.0226	0.0331	4.0195	9.6119	0.0000	29.2725	42.9039
01/26/99	360	13-60	0.1	60	12.2	152	0.0051	0.013	<0.0064	NA	0.014	0.0321	0.0018	0.0045	0.0000	0.0048	0.0111	0.6339	1.6158	0.0000	1.7401	3.9899
02/15/99	480	sve601100-23	0.1	60	12.8	132	<0.0047	<0.0053	<0.006	NA	0.010	0.0097	0.0000	0.0000	0.0000	0.0032	0.0032	0.0000	0.0000	0.0000	1.5527	1.5527
Subtotal February 1998 through February 1999																		**12.628**	**23.255**	**0.000**	**66.391**	**102.27**

Table 1. SVE System Monitoring Data.

	SVE MONITORING MEASUREMENTS						LABORATORY RESULTS (mg)						CALCULATED REMOVAL RATE					CALCULATED MASS REMOVED BETWEEN SAMPLE DATES				
		SAMPLE DATA			P1	T1							TCE	TCA	PCE	Hexane	Total	TCE	TCA	PCE	Hexane	Total
Date	Hours of SVE Operation *	Sample ID **	Flow Rate (L/min)	Time (min)	Exhaust Pressure (" H2O)	Sampling Temp - Air (deg F)	TCE	TCA	PCE	Benzene	Rest as Hexane	Total VOCs (Calculated)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	VOCs (lb/hr)	(lb)	(lb)	(lb)	(lb)	VOCs (lb)
03/11/99	576	11:20-60-13	0.1	60	14.3	85	<0.0053	0.015	<0.0068	NA	0.0072	0.0222	0.0000	0.0046	0.0000	0.0022	0.0068	0.0000	2.6429	0.0000	1.2686	3.9116
04/01/99	504	60-2:40	0.1	60	12.4	148	<0.0048	<0.0053	<0.0058	NA	0.0072	0.0072	0.0000	0.0000	0.0000	0.0025	0.0025	0.0000	0.0000	0.0000	1.2441	1.2441
05/03/99	768	60-9:20	0.1	60	13.0	128	<0.0056	0.01	<0.0073	NA	<0.0052	0.01	0.0000	0.0033	0.0000	0.0000	0.0033	0.0000	2.5427	0.0000	0.0000	2.5427
06/01/99	672	10:30-60-123	0.1	60	12.3	169	<0.0055	0.016	<0.007	NA	<0.005	0.016	0.0000	0.0057	0.0000	0.0000	0.0057	0.0000	3.8146	0.0000	0.0000	3.8146
07/02/99	744	SVES 7299	0.1	60	13.2	112	0.0054	0.011	<0.0067	NA	<0.0053	0.0164	0.0017	0.0035	0.0000	0.0000	0.0053	1.2933	2.6345	0.0000	0.0000	3.9278
08/03/99	768	SVE60-123	0.1	60	13.3	118	<0.0057	0.028	<0.0073	NA	<0.0054	0.028	0.0000	0.0091	0.0000	0.0000	0.0091	0.0000	6.9933	0.0000	0.0000	6.9933
09/02/99	720	23-60	0.1	60	11.6	155	<0.0061	<0.0057	<0.0074	NA	0.0075	0.0075	0.0000	0.0000	0.0000	0.0026	0.0026	0.0000	0.0000	0.0000	1.8763	1.8763
10/01/99	696	10:25-13-60	0.1	60	12.7	122	0.0079	0.048	<0.0074	NA	0.006	0.0619	0.0026	0.0157	0.0000	0.0020	0.0203	1.8031	10.9555	0.0000	1.3694	14.1281
11/01/99	744	60-13	0.1	60	12.6	132	<4.9	0.007	<0.0094	NA	0.0057	0.0127	0.0000	0.0023	0.0000	0.0019	0.0042	0.0000	1.7377	0.0000	1.4149	3.1526
12/01/99	720	60-123	0.1	60	12.6	120	<0.0049	<0.0053	<0.0062	NA	0.0049	0.0049	0.0000	0.0000	0.0000	0.0016	0.0016	0.0000	0.0000	0.0000	1.1532	1.1532
01/03/00	792	60-13	0.1	60	14.1	95	<0.0047	<0.0053	<0.006	NA	0.0054	0.0054	0.0000	0.0000	0.0000	0.0017	0.0017	0.0000	0.0000	0.0000	1.3329	1.3329
02/01/00	696	1	0.1	180	14.2	90	0.0110	0.012	<0.006	NA	0.0047	0.0277	0.0011	0.0012	0.0000	0.0005	0.0029	0.7880	0.8596	0.0000	0.3367	1.9843
Subtotal February 1999 through February 2000																		**3.884**	**32.181**	**0.000**	**9.996**	**46.06**
03/01/00	672	1	0.1	180	12.8	110	0.0100	<0.0053	<0.0067	NA	<0.0005	0.01	0.0011	0.0000	0.0000	0.0000	0.0011	0.7192	0.0000	0.0000	0.0000	0.7192
04/03/00	792	43002360340	0.1	60	12.6	120	0.0058	0.018	<0.0073	NA	0.0077	0.0315	0.0019	0.0059	0.0000	0.0025	0.0103	1.5016	4.6600	0.0000	1.9935	8.1550
05/03/00	720	1	0.1	180	12.4	135	0.0054	<0.0053	<0.0070	NA	0.0064	0.0118	0.0006	0.0000	0.0000	0.0007	0.0013	0.4348	0.0000	0.0000	0.5153	0.9501
08/11/00	2400	1	0.1	180	12.2	143	0.0070	0.011	<0.0071	NA	0.031	0.049	0.0008	0.0012	0.0000	0.0035	0.0056	1.9050	2.9936	0.0000	8.4365	13.3351
09/25/00	1080	1	0.1	180	12.3	125	0.0066	0.0071	<0.0090	NA	0.0055	0.0192	0.0007	0.0008	0.0000	0.0006	0.0021	0.7839	0.8433	0.0000	0.6533	2.2805
10/20/00	600	1	0.1	300	12.2	140	0.0150	0.01	<0.0073	NA	0.0093	0.0343	0.0010	0.0007	0.0000	0.0006	0.0023	0.6093	0.4062	0.0000	0.3778	1.3932
11/01/00	288	1	0.1	180	12.1	137	0.0160	0.0064	<0.0069	NA	0.0074	0.0298	0.0018	0.0007	0.0000	0.0008	0.0033	0.5174	0.2070	0.0000	0.2393	0.9637
~~ 04/30/01	4320		0.1	180	12.1	137	0.0160	0.0064	<0.0069	NA	0.0074	0.0298	0.0018	0.0007	0.0000	0.0008	0.0033	7.7616	3.1046	0.0000	3.5897	14.4559
Subtotal February 2000 through April 2001																		**14.23**	**12.21**	**0.00**	**15.81**	**42.25**
~~ 06/04/01	840		0.1	180	12.0	13	0.0160	0.0064	<0.0069	NA	0.0074	0.0298	0.0014	0.0006	0.0000	0.0007	0.0027	1.1957	0.4783	0.0000	0.5530	2.2270
06/06/01	(System off from 6/5 to 6/6; too much rain.)																					
~~ 06/11/01	120		0.1	180	11.8	140	0.0160	0.0064	<0.0069	NA	0.0074	0.0298	0.0018	0.0007	0.0000	0.0008	0.0034	0.2168	0.0867	0.0000	0.1003	0.4039
06/12/01	(System off on 6/12; too much rain)																					
06/15/01	72	161501	0.1	180	11.8	138	<0.0051	0.0055	<0.0065	NA	0.008	0.0135	0.0000	0.0006	0.0000	0.0009	0.0015	0.0000	0.0446	0.0000	0.0648	0.1094
08/19/01	1560	1	0.1	180	11.6	148	<0.0047	<0.0053	<0.006	NA	0.02	0.02	0.0000	0.0000	0.0000	0.0023	0.0023	0.0000	0.0000	0.0000	3.5724	3.5724
10/03/01	1080	1	0.1	180	11.0	148	0.0054	0.0058	<0.0062	NA	<0.0046	0.0112	0.0006	0.0007	0.0000	0.0000	0.0013	0.6687	0.7183	0.0000	0.0000	1.3870
11/20/01	1152	112001 1	0.1	180	10.7	150	0.0610	0.013	<0.0069	NA	<0.0051	0.074	0.0070	0.0015	0.0000	0.0000	0.0085	8.0900	1.7241	0.0000	0.0000	9.8140
12/03/01	312	102001 1	0.1	180	10.9	157	0.0074	0.018	<0.0069	NA	<0.0051	0.0254	0.0009	0.0021	0.0000	0.0000	0.0030	0.2687	0.6536	0.0000	0.0000	0.9224
01/11/02	1248	01112002 1	0.1	180	10.5	145	<0.0057	<0.0058	<0.007	NA	0.013	0.013	0.0000	0.0000	0.0000	0.0015	0.0015	0.0000	0.0000	0.0000	1.8533	1.8533
02/08/02	672	2802 1	0.1	180	10.5	143	<0.0055	<0.0054	<0.0071	NA	0.0066	0.0066	0.0000	0.0000	0.0000	0.0008	0.0008	0.0000	0.0000	0.0000	0.5050	0.5050
~~ 03/18/02	912		0.1	180	10.6	152	<0.0055	<0.0054	<0.0071	NA	0.0066	0.0066	0.0000	0.0000	0.0000	0.0008	0.0008	0.0000	0.0000	0.0000	0.6954	0.6954
04/08/02	(System off from 3/18 to 4/8)																					
~~ 04/15/02	168		0.1	180	10.9	163	<0.0055	<0.0054	<0.0071	NA	0.0066	0.0066	0.0000	0.0000	0.0000	0.0008	0.0008	0.0000	0.0000	0.0000	0.1303	0.1303
05/06/02	(System off from 4/15 to 5/6)																					
05/07/02	24	5702-1	0.1	240	10.2	160	<0.0053	<0.0053	<0.0066	NA	<0.0049	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
~~ 05/13/02	144		0.1	240	10.4	161	<0.0053	<0.0053	<0.0066	NA	<0.0049	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
06/03/02	(System off from 5/13 to 6/3)																					
06/04/02	24	060402-1	0.1	180	10.0	165	0.0054	<0.0053	<0.009	NA	0.011	0.0164	0.0006	0.0000	0.0000	0.0013	0.0019	0.0153	0.0000	0.0000	0.0312	0.0465

	SVE MONITORING MEASUREMENTS							LABORATORY RESULTS (mg)						CALCULATED REMOVAL RATE					CALCULATED MASS REMOVED BETWEEN SAMPLE DATES				
		Hours of	SAMPLE DATA			P1	T1							TCE	TCA	PCE	Hexane	Total	TCE	TCA	PCE	Hexane	Total
	Date	SVE Operation *	Sample ID **	Flow Rate (L/min)	Time (min)	Exhaust Pressure (" H2O)	Sampling Temp - Air (deg F)	TCE	TCA	PCE	Benzene	Rest as Hexane	Total VOCs (Calculated)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	VOCs (lb/hr)	(lb)	(lb)	(lb)	(lb)	VOCs (lb)
	06/07/02	72		0.1	180	10.3	172	0.0054	<0.0053	<0.009	NA	0.011	0.0164	0.0006	0.0000	0.0000	0.0013	0.0020	0.0464	0.0000	0.0000	0.0946	0.1410
	07/01/02	(System off from 6/7 to 7/1)																					
~~	07/05/02	96		0.1	180	10.5	174	0.0054	<0.0053	<0.009	NA	0.011	0.0164	0.0006	0.0000	0.0000	0.0013	0.0020	0.0621	0.0000	0.0000	0.1264	0.1885
	08/06/02	(System off from 7/5 to 8/6)																					
	08/07/02	24	22016677	0.1	180	10.9	170	0.0090	<0.0056	<0.061	NA	0.0069	0.0159	0.0011	0.0000	0.0000	0.0008	0.0019	0.0257	0.0000	0.0000	0.0197	0.0454
~~	08/12/02	120		0.1	180	10.8	178	0.0090	<0.0056	<0.061	NA	0.0069	0.0159	0.0011	0.0000	0.0000	0.0008	0.0019	0.1300	0.0000	0.0000	0.0997	0.2297
	09/03/02	(System off from 8/12 to 9/3)																					
	09/04/02	24	22016799	0.1	180	10.4	177	<0.0056	<0.0055	<0.0071	NA	0.016	0.016	0.0000	0.0000	0.0000	0.0019	0.0019	0.0000	0.0000	0.0000	0.0462	0.0462
~~	09/09/02	120		0.1	180	10.0	182	<0.0056	<0.0055	<0.0071	NA	0.016	0.016	0.0000	0.0000	0.0000	0.0019	0.0019	0.0000	0.0000	0.0000	0.2330	0.2330
	10/01/02	(System off from 9/9 to 10/1)																					
	10/02/02	24	22016823	0.1	180	10.8	175	<0.0058	<0.0055	<0.0073	NA	<0.0052	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
~~	10/07/02	120		0.1	180	11.4	170	<0.0058	<0.0055	<0.0073	NA	<0.0052	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	11/04/02	(System off from 10/7 to 11/4)																					
	11/05/02	24	22016716	0.1	180	10.5	153	<0.0062	<0.0061	<0.0077	NA	0.018	0.018	0.0000	0.0000	0.0000	0.0021	0.0021	0.0000	0.0000	0.0000	0.0500	0.0500
~~	11/08/02	72		0.1	180	10.6	162	<0.0062	<0.0061	<0.0077	NA	0.018	0.018	0.0000	0.0000	0.0000	0.0021	0.0021	0.0000	0.0000	0.0000	0.1522	0.1522
	12/02/02	(System off from 11/8 to 12/2)																					
	12/04/02	48	120420002 1	0.1	180	10.6	145	0.0180	<0.0053	<0.0064	NA	0.0053	0.0233	0.0021	0.0000	0.0000	0.0006	0.0027	0.0987	0.0000	0.0000	0.0291	0.1277
~~	12/06/02	48		0.1	180	10.5	148	0.0180	<0.0053	<0.0064	NA	0.0053	0.0233	0.0021	0.0000	0.0000	0.0006	0.0027	0.0992	0.0000	0.0000	0.0292	0.1284
		(System shut off on 12/6)																					
	Subtotal May 2001 through December 2002																		**10.92**	**3.71**	**0.00**	**8.39**	**23.01**
	01/06/03	(System off from 12/6/02 to 1/6/03)																					
	01/07/03	24	22016779	0.1	180	10.4	145	0.0130	<0.0053	<0.0061	NA	<0.0050	0.013	0.0015	0.0000	0.0000	0.0000	0.0015	0.0356	0.0000	0.0000	0.0000	0.0356
~~	01/10/03	72		0.1	180	10.4	147	0.0130	<0.0053	<0.0061	NA	<0.0050	0.013	0.0015	0.0000	0.0000	0.0000	0.0015	0.1073	0.0000	0.0000	0.0000	0.1073
	02/04/03	(System off from 1/10 through 2/4)																					
	02/05/03	24	22016772	0.1	180	10.3	140	<0.0054	<0.0053	<0.0061	NA	0.0240	0.024	0.0000	0.0000	0.0000	0.0027	0.0027	0.0000	0.0000	0.0000	0.0653	0.0653
~~	02/10/03	120		0.1	180	10.3	148	<0.0054	<0.0053	<0.0061	NA	0.0240	0.024	0.0000	0.0000	0.0000	0.0028	0.0028	0.0000	0.0000	0.0000	0.3308	0.3308
	03/03/03	(System off from 2/10 through 3/3)																					
	03/04/03	24	22016816	0.1	180	9.4	180	0.1000	<0.0053	0.0160	NA	0.0085	0.1245	0.0121	0.0000	0.0019	0.0010	0.0151	0.2908	0.0000	0.0465	0.0247	0.3620
~~	03/07/03	72		0.1	180	10.3	152	0.1000	<0.0053	0.0160	NA	0.0085	0.1245	0.0116	0.0000	0.0018	0.0010	0.0144	0.8324	0.0000	0.1332	0.0708	1.0363
	04/07/03	(System off from 3/7 through 4/7)																					
	04/08/03	24	22016683	0.1	180	10.5	150	0.0160	<0.0053	<0.0067	NA	<0.0048	0.016	0.0018	0.0000	0.0000	0.0000	0.0018	0.0442	0.0000	0.0000	0.0000	0.0442
~~	04/11/03	72		0.1	180	10.6	162	0.0160	<0.0053	<0.0067	NA	<0.0048	0.016	0.0019	0.0000	0.0000	0.0000	0.0019	0.1353	0.0000	0.0000	0.0000	0.1353
	05/05/03	(System off from 4/11 through 5/5)																					
	05/06/03	24	22016837	0.1	180	10.7	168	0.0078	<0.0053	<0.0063	NA	0.0100	0.0178	0.0009	0.0000	0.0000	0.0012	0.0021	0.0222	0.0000	0.0000	0.0284	0.0506
~~	05/09/03	72		0.1	180	10.6	167	0.0078	<0.0053	<0.0063	NA	0.0100	0.0178	0.0009	0.0000	0.0000	0.0012	0.0021	0.0665	0.0000	0.0000	0.0852	0.1517
	06/02/03	(System off from 5/9 through 6/2)																					
	06/03/03	24	2309244	0.1	180	10.7	165	<0.0058	<0.0059	<0.0075	NA	0.0150	0.015	0.0000	0.0000	0.0000	0.0018	0.0018	0.0000	0.0000	0.0000	0.0425	0.0425
~~	06/06/03	72		0.1	180	10.8	175	<0.0058	<0.0059	<0.0075	NA	0.0150	0.015	0.0000	0.0000	0.0000	0.0018	0.0018	0.0000	0.0000	0.0000	0.1294	0.1294
	07/07/03	(System off from 6/6 through 7/7)																					
	07/08/03	24	23009283	0.1	180	10.6	178	<0.0058	<0.0059	<0.0075	NA	<0.0059	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
~~	07/11/03	72		0.1	180	10.6	178	<0.0058	<0.0059	<0.0075	NA	<0.0059	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Table 1. SVE System Monitoring Data.

	SVE MONITORING MEASUREMENTS						LABORATORY RESULTS (mg)						CALCULATED REMOVAL RATE					CALCULATED MASS REMOVED BETWEEN SAMPLE DATES				
		Hours of	SAMPLE DATA			P1	T1							TCE	TCA	PCE	Hexane	Total	TCE	TCA	PCE	Hexane	Total
	Date	SVE Operation *	Sample ID **	Flow Rate (L/min)	Time (min)	Exhaust Pressure (" H2O)	Sampling Temp - Air (deg F)	TCE	TCA	PCE	Benzene	Rest as Hexane	Total VOCs (Calculated)	(lb/hr)	(lb/hr)	(lb/hr)	(lb/hr)	VOCs (lb/hr)	(lb)	(lb)	(lb)	(lb)	VOCs (lb)
	08/04/03	(System off from 7/11 through 8/4)																					
	08/05/03	24	23009469	0.1	180	10.5	178	0.0060	<0.0053	<0.0060	NA	0.0120	0.018	0.0007	0.0000	0.0000	0.0014	0.0022	0.0173	0.0000	0.0000	0.0347	0.0520
~~	08/08/03	72		0.1	180	10.5	192	0.0060	<0.0053	<0.0060	NA	0.0120	0.018	0.0007	0.0000	0.0000	0.0015	0.0022	0.0532	0.0000	0.0000	0.1064	0.1596
	09/08/03	(System off from 8/8 through 9/8)																					
	09/09/03	24	23005187	0.1	180	10.7	182	0.0075	<0.0053	<0.0063	NA	0.0058	0.0133	0.0009	0.0000	0.0000	0.0007	0.0016	0.0218	0.0000	0.0000	0.0169	0.0387
~~	09/12/03	72		0.1	180	9.8	192	0.0075	<0.0053	<0.0063	NA	0.0058	0.0133	0.0009	0.0000	0.0000	0.0007	0.0016	0.0666	0.0000	0.0000	0.0515	0.1181
	10/06/03	(System off from 9/12 through 10/6)																					
	10/07/03	24	23009458	0.1	180	11.0	172	0.0053	<0.0053	<0.0063	NA	0.0060	0.0113	0.0006	0.0000	0.0000	0.0007	0.0013	0.0152	0.0000	0.0000	0.0172	0.0323
~~	10/10/03	72		0.1	180	10.7	182	0.0053	<0.0053	<0.0063	NA	0.0060	0.0113	0.0006	0.0000	0.0000	0.0007	0.0014	0.0462	0.0000	0.0000	0.0523	0.0986
	11/05/03	(System off from 10/10 through 11/5)																					
~~	11/09/03	96		0.1	180	10.5	182	0.0053	<0.0053	<0.0063	NA	0.0060	0.0113	0.0006	0.0000	0.0000	0.0007	0.0014	0.0617	0.0000	0.0000	0.0698	0.1315
	12/05/03	(System off from 11/9 through 12/5)																					
~~	12/09/03	96		0.1	180	10.5	182	0.0053	<0.0053	<0.0063	NA	0.0060	0.0113	0.0006	0.0000	0.0000	0.0007	0.0014	0.0617	0.0000	0.0000	0.0698	0.1315
		(System shut off on 12/9)																					
	Subtotal January 2003 through December 2003																		**1.88**	**0.00**	**0.18**	**1.20**	**3.25**
	TOTAL CUMULATIVE MASS REMOVED																		**425.19**	**1083.96**	**45.95**	**284.97**	**1840.07**

Notes: Blower discharge rate is 500 cfm.

* This column indicates how long the SVE unit has been operating since the last sampling event.

** sample identification by (date)-(time)-(SVE legs on)-(sampling time in minutes). The date is not shown in this column, but appears on the lab report.
Sampling legs: 001 = Plant #1 CSES, 002 = Plant #2 SES (east leg), 003 = former sump (Plant #2 north leg).
Example: 61694-1145-002-5 sampled on 6/16/94 at 11:45, Plant #2 east leg only, sample time 5 minutes.

*** Values for this date are estimated as half of the previous sampled values due to air filter plugging. No VOCs were detected at the next sample date due to clogging of the filter.

~ Pressure and/or temperature values for these dates are estimated to be the same as the previous results.

~~ Concentration values for these dates are estimated to be the same as the previous results.

The 9/23/97 sample blank had TCE detected at 0.0167 ppm

NA = Not Analyzed, ND = Not Detected

HSVE (Heated Soil Vapor Extraction) initiated at the 003 leg (former sump) 8/98.

Cycling of SVE (one week "on" and three weeks "off") begun on March 18, 2002.

Table 2. **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
Sample ID	Depth (ft)	Sample date	**Trichloroethene**	**Tetrachloroethene**	**cis-1,2-dichloroethene**	**1,1,2,2-Tetrachloroethane**	**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	**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	**444**	<270	**1520**	<270	<270	**390**	<270	<270	<270	<270	**390**	**56694**
SB-16	16	04/02/99	**16400**	**6990**	<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	<54	**358**
SB-2008-16	16	10/05/99	**2770**	**736**	**1070**	<27	<27	<27	<27	<37	<27	<27	<27	<27	<27	<27	<27	<53	**4576**
SB-2008-16	16	12/20/99	**36500**	**20600**	**9800**	<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	**139**
SB-SumpE-16	16	12/13/00	**67**	**89**	**76**	<27	<27	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<54	**232**
SB-SumpE-16	16	03/29/01	**84**	**52**	**443**	<27	<27	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	**73**	**652**
SB-SumpE-16	16	01/07/02	**227**	**227**	**486**	<27	<108	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<54	**940**
SB-SumpE-16	16	07/25/02	**315**	**369**	**293**	<27	**347**	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<27	**1324**
SumpE-16	16	09/16/03	<27	**85**	**915**	<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	<108	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<54	**422**
SB-2008A	20	10/30/97	**10500**	**8470**	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	**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	<76	<54	<54	<54	<54	<54	<54	<54	<110	**2441**
SB-20	20	04/02/99	**543**	**4230**	<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	<54	**1583**
SB-2008-20	20	10/05/99	**542**	**11900**	**336**	<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	**345**
SB-SumpE-20	20	03/21/00	**547**	**94**	**1180**	<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	<37	<26	<26	<26	<26	<26	<26	<26	<53	**985**
SB-SumpE-20	20	03/29/01	**248**	**585**	**404**	<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	<106	<27	<27	37	<27	<27	<27	<27	<27	<27	<27	<53	**270**
SB-SumpE-20	20	07/25/02	<27	**366**	**90**	<27	<108	<27	<27	<38	<27	<27	<27	<27	<27	**43**	<27	**82**	**581**
SumpE-20	20	09/16/03	<130	**3680**	**347**	<130	<542	<130	<130	<195	**206**	<130	**325**	<130	<130	**152**	<130	<271	**4710**
SumpE-20 Dup	20	09/16/03	<129	**5160**	**408**	<129	<537	<129	<129	<193	**290**	<129	**451**	<129	<129	**215**	<129	<269	**6524**
SB-SumpE-20	20	12/22/03	**39**	**436**	**100**	<27	<109	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<54	**575**

Table 2. **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
Sample ID	Depth (ft)	Sample date	**Trichloroethene**	**Tetrachloroethene**	**cis-1,2-dichloroethene**	**1,1,2,2-Tetrachloroethane**	**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-2008-24	24	10/05/99	**48800**	**40100**	**1410**	<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	**1470**	<500	**11500**	**1710**	<500	**3940**	<500	<500	**1050**	**1810**	<500	**117120**
SB-SumpE-24	24	03/21/00	**67200**	**95400**	**4010**	<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	<38	<27	<27	<27	<27	<27	<27	<27	<55	**0**
SB-SumpE-24	24	03/29/01	<27	<27	**2030**	<27	<27	<27	<27	<37	<27	<27	<27	<27	<27	<27	<27	**90**	**2120**
SB-SumpE-24	24	01/07/02	<132	<132	**242**	<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	<5340	**8330**	<1280	**34200**	**2350**	<1280	**5130**	**1710**	<1280	**7690**	**7160**	<2670	**283350**
SumpE-24	24	09/16/03	**110**	**305**	**90**	<27	<27	<27	<27	<38	<27	<27	<27	<27	<27	**30**	<27	<54	**535**
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	**1398000**
SB-2008B	26	10/23/98	**1400**	**19000**	<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	**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	**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	**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	**18600**	<580	**45300**	**3140**	**3490**	**4880**	**3370**	**4070**	**20900**	**9650**	<120	**316560**
SB-2008-26	26	12/20/99	**1770**	**117000**	<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	**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	<38	<27	<27	<27	<27	<27	<27	<27	<54	**653**
SB-SumpE-26	26	03/29/01	<129	<129	**332**	<129	<129	**4390**	<129	**2470**	**1500**	**2410**	**2360**	**1390**	**2890**	**15000**	**943**	<268	**33685**
SB-SumpE-26	26	01/07/02	<276	<276	**1870**	<276	<1100	**13200**	<276	**48500**	**3530**	**2210**	**4960**	**3310**	**2980**	**28700**	**12100**	<551	**121360**
SB-SumpE-26	26	07/25/02	**203**	**16100**	**6000**	<128	<535	**19300**	<128	**38500**	**2030**	**2890**	**3000**	**3210**	**3320**	**19300**	**6210**	**289**	**120352**
SumpE-26	26	09/16/03	**66**	**377**	**32**	<27	<108	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<54	**475**
SB-2008-28	28	12/20/99	**442000**	**53800**	<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	**74900**	<14000	**154000**	<14000	<14000	<14000	<14000	<14000	**40700**	<14000	<28000	**1492600**
SB-SumpE-28	28	12/13/00	<130	<130	**3680**	<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	**82800**	**6390**	**273000**	**6810**	**8600**	**7970**	**9010**	**8910**	**61800**	**18900**	<2620	**828890**
SB-SumpE-28	28	01/07/02	**929000**	**162000**	**90700**	<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**	<108	**1510**	<27	**1290**	**452**	**538**	**355**	**388**	**657**	**2370**	**1180**	<54	**52006**
SumpE-28	28	09/16/03	**118**	**785**	**108**	<27	<108	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<54	**1011**

Table 2. **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
Sample ID	Depth (ft)	Sample date	**Trichloroethene**	**Tetrachloroethene**	**cis-1,2-dichloroethene**	**1,1,2,2-Tetrachloroethane**	**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 from east end of former sump source area.)																			
SB-SumpE-16	16	10/05/99	**64**	**205**	**205**	<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	**57**
SB-2008-16	16	03/21/00	**85**	**86**	**32**	<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	<37	<27	<27	<27	<27	<27	<27	<27	<53	**0**
SB-2008-16	16	03/29/01	<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	**1010**	<140	<140	**2460**	**257**	<140	**771**	**1610**	**503**	**6879**
SB-SumpE-20	20	12/20/99	**2780**	**609**	<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	**105**	**105**
SB-2008-20	20	12/13/00	<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	<37	<27	<27	<27	<27	<27	<27	<27	**62**	**62**
SB-SumpE-24	24	10/05/99	<280	<280	**2810**	<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	**161**	**281**
SB-2008-24	24	03/21/00	<27	**29**	<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	<36	<26	<26	<26	<26	<26	<26	<26	<51	**0**
SB-2008-24	24	03/29/01	<26	<26	<26	<26	<26	<26	<26	<37	<26	<26	<26	<26	<26	<26	<26	<53	**0**
SB-SumpE-26	26	10/05/99	<140	**130**	**1840**	<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	**188**
SB-2008-26	26	03/21/00	<27	**60**	<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	<37	<27	<27	<27	<27	<27	<27	<27	**66**	**152**
SB-2008-26	26	03/29/01	<27	<27	<27	<27	<27	<27	<27	<37	<27	<27	<27	<27	<27	<27	<27	**75**	**75**
SB-SumpE-28	28	10/05/99	**128000**	**171000**	**9840**	<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	**121**	**416**
SB-2008-28	28	03/21/00	**27**	**63**	<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	<38	<27	<27	<27	<27	<27	<27	<27	83	**178**
SB-2008-28	28	03/29/01	<27	**30**	<27	<27	<27	<27	<27	<38	<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 3. 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														
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
	10/29/91	**1.2**	**15000**	**1300**	<0.3	<1.0	**2**	**850**	**76**	**1,100**	**20**	**4.6**	**7.1**	18389.4
Downgradient	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	299
	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 3. 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
(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
	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
		11/08/95	<0.5	**41.9**	**15.8**	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	57.7
		01/25/96	<0.5	**4.1**	**5.2**	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	9.3
	D-5	05/14/96	<0.5	**3.7**	**4.4**	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	8.1

Table 3. 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	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

Table 3. 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	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
		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 /	11/07/91	<0.5	**870**	**210**	<0.3	<0.5	<0.5	**18**	<0.5	**56**	**24**	<1	**1.1**	1179.1
	EX-2R	12/18/91	<0.5	**1260**	**268**	<0.3	<0.5	0.8	<0.5	**9.1**	**92**	**30**	**3**	**1.4**	1664.3
Original		11/11/93	<0.5	**890**	**250**	<0.3	<0.5	<0.5	15	<0.5	**55**	**22**	NA	**1.3**	1233.3
Extraction		12/13/94	<0.5	**17.3**	**3.5**	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	20.8
Wells		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
		04/19/01	<0.25	**2.6**	**8.4**	<0.25	NA	NA	NA	NA	NA	NA	NA	NA	11
		10/02/01	<0.25	**16**	**34**	NA	NA	NA	NA	NA	NA	NA	NA	<0.25	50
		04/16/02	<0.25	**8.4**	**22**	NA	NA	NA	NA	NA	NA	NA	NA	<0.25	30.4
		06/24/03	<0.50	**0.69**	**2.9**	NA	NA	NA	NA	NA	NA	NA	NA	<0.25	3.59

Table 3. 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
	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
Original	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
Extraction	12/13/94	<0.5	**14.4**	**5.8**	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	20.2
Wells	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
(SA) CSES	11/11/93	<0.5	<0.5	<0.5	<0.3	NA	<0.5	<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
Chip Storage	06/21/95	<0.34	**245**	**109**	<0.27	<0.5	<0.28	**6.8**		**16.7**	**9**	NA	<0.19	388.8
Extraction	11/07/95	<0.5	**266**	**106**	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	372
System	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
	06/24/03	<0.50	**14**	**9.6**	NA	NA	NA	NA	NA	NA	NA	NA	<0.25	23.6
(SA) CSES	10/20/03	<0.50	**16**	**11**	NA	NA	NA	NA	NA	NA	NA	NA	<0.25	27
MW-1030	10/30/91	<0.5	**1.5**	**4**	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	5.5
Off-Site	12/12/91	<0.5	**2**	**3.5**	<0.3	<0.5	<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	<0.5	<1.0	<0.5	50
	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

Table 3. 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	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	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
Storm Sewer	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
Plant #2														
(A) D-18	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
Southeast	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
Source Area	08/16/94	<1	<1	**1.2**	<5	NA	NA	NA	NA	NA	NA	NA	NA	1.2
and	12/13/94	**0.4**	**0.2**	**1.8**	**0.3**	NA	NA	NA	NA	NA	NA	NA	NA	2.7
Former Sump	03/13/95	**5.5**	**3.2**	**30.6**	ND	NA	NA	NA	NA	NA	NA	NA	NA	39.3
Source Area	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
	12/08/98	**6.2**	<0.28	**8.5**	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	14.7
	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
(A) D-18	04/25/00	**4.9**	<0.28	**6.6**	<0.46	NA	NA	NA	NA	NA	NA	NA	NA	11.5

Table 3. 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	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
(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
(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
		09/25/00	**1.7**	<0.28	<0.49	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7
		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

Table 3. 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)	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
	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 3. 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	
	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	<0.5	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
		07/29/98	<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
	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
		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	**2.4**	<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 3. 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
(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
Original		12/13/94	**4.7**	**2.7**	**11**	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	18.4
Extraction		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
Wells		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
(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
Original		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
Extraction		12/13/94	**19.6**	**0.8**	**62.8**	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	83.2
Wells		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

Table 3. 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) 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
Southeast	06/21/95	**1.7**	**14**	**90**	<0.27	<0.5	<0.28	0.8		**1.1**	<0.30	NA	<0.19	107.6
Extraction	11/07/95	**12.2**	**11.5**	**67.2**	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	90.9
System	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 4. 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	<0.5	**12**	<0.20	12.87
	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
	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
	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
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	3.7	<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, Middles 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 5. Groundwater Discharge Summary, Chip Storage Extraction System (CSES) and Southeast Extraction System (SES)

	DATE	Time for 5 gallons (sec)	Flow Rate (gpm)	Time Since Last Sampled (min)	Discharge Between Readings (gallons)	Cumulative Discharge (gallons)	Tetrachloroethene (PCE) Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)	1,1,1-Trichloroethane (TCA) Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)	Trichloroethene (TCE) Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)	Total VOCs Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)
	Plant #1	**Chip Storage Extraction System (CSES)**																
	11/11/93	off	NA	0	NA	NA	<0.5	0.000	0.000	<0.5	0.000	0.000	<0.5	0.000	0.000	0.00	0.000	0.000
	06/16/94	14	21.4	312480	6696000	6.70E+06	<0.5	0.000	0.000	<0.5	0.000	0.000	<0.5	0.000	0.000	0.00	0.000	0.000
	08/16/94	19.92	15.1	87840	1322892	8.02E+06	<1	0.000	0.000	1200	13.236	13.236	360	3.971	3.971	1560.00	17.207	17.207
	11/15/94	18.3	16.4	131040	2148197	1.02E+07	<1	0.000	0.000	1200	21.494	34.730	360	6.448	10.419	1560.00	27.942	45.149
*	11/23/94	18.3	16.4	11520	188852	1.04E+07	<1	0.000	0.000	1200	1.890	36.619	360	0.567	10.986	1560.00	2.456	47.605
	12/17/94	off	0.0	34560	0	1.04E+07	NA	0.000	0.000	NA	0.000	36.619	NA	0.000	10.986	0.00	0.000	47.605
	04/14/95	14	21.4	169920	0	1.04E+07	NA	0.000	0.000	NA	0.000	36.619	NA	0.000	10.986	0.00	0.000	47.605
*	05/02/95	13	23.1	25920	598154	1.10E+07	<1	0.000	0.000	1200	5.985	42.604	360	1.795	12.781	1560.00	7.780	55.385
	06/22/95	10.44	28.7	73440	2110345	1.31E+07	<0.34	0.000	0.000	245	4.311	46.915	109	1.918	14.699	354.00	6.229	61.614
	Subtotal:	**First Year**				**1.31E+07**			**0.000**			**46.915**			**14.699**			**61.614**
*	07/12/95	14.02	21.4	28800	616262	1.37E+07	<0.34	0.000	0.000	245	1.259	48.174	109	0.560	15.259	354.00	1.819	63.433
*	08/24/95	11.52	26.0	61920	1612500	1.53E+07	<0.34	0.000	0.000	245	3.294	51.468	109	1.465	16.725	354.00	4.759	68.193
*	09/13/95	12.92	23.2	28800	668731	1.60E+07	<0.34	0.000	0.000	245	1.366	52.834	109	0.608	17.333	354.00	1.974	70.167
	11/07/95	11	27.3	79200	2160000	1.81E+07	<0.5	0.000	0.000	266	4.791	57.625	106	1.909	19.242	372.00	6.700	76.866
	01/25/96	22	13.6	113760	1551273	1.97E+07	<0.7	0.000	0.000	254	3.285	60.910	129	1.669	20.910	383.00	4.954	81.820
	03/13/96	31	9.7	69120	668903	2.03E+07	<0.5	0.000	0.000	141	0.786	61.696	129	0.719	21.630	270.00	1.506	83.326
	05/15/96	40	7.5	90720	680400	2.10E+07	<0.5	0.000	0.000	141	0.800	62.496	55.2	0.313	21.943	196.20	1.113	84.439
	Subtotal:	**Second Year**				**7.96E+06**			**0.000**			**15.581**			**7.244**			**22.825**
	08/09/96	10	30.0	123840	3715200	2.47E+07	<0.5	0.000	0.000	139	4.306	66.802	60.2	1.865	23.808	211.20	6.542	90.981
	10/08/96	10	30.0	86400	2592000	2.73E+07	<0.5	0.000	0.000	112	2.421	69.223	54.4	1.176	24.983	171.10	3.698	94.679
	01/27/97	12	25.0	159840	3996000	3.13E+07	<0.5	0.000	0.000	81	2.699	71.921	36	1.199	26.183	117.00	3.898	98.577
	02/14/97	20	15.0	25920	388800	3.17E+07	<0.5	0.000	0.000	81	0.263	72.184	36	0.117	26.299	117.00	0.379	98.957
	Subtotal:	**May 1996 through February 1997**				**1.07E+07**			**0.000**			**9.688**			**4.357**			**14.518**
	03/17/97	23	13.0	44640	582261	3.23E+07	<0.63	0.000	0.000	120	0.583	72.767	67	0.325	26.625	187.00	0.908	99.865
*	04/17/97	22	13.6	44640	608727	3.29E+07	<0.63	0.000	0.000	120	0.609	73.376	67	0.340	26.965	187.00	0.949	100.814
*	05/17/97	10	30.0	43200	1296000	3.42E+07	<0.63	0.000	0.000	120	1.297	74.672	67	0.724	27.689	187.00	2.021	102.834
*	06/17/97	10	30.0	44640	1339200	3.55E+07	<0.63	0.000	0.000	120	1.340	76.012	67	0.748	28.437	187.00	2.088	104.922
	07/17/97	11	27.3	43200	1178182	3.67E+07	<0.63	0.000	0.000	67	0.658	76.670	32	0.314	28.751	109.40	1.075	105.997
*	08/17/97	10	30.0	44640	1339200	3.81E+07	<0.63	0.000	0.000	67	0.748	77.419	32	0.357	29.108	109.40	1.222	107.219
*	09/17/97	12	25.0	44640	1116000	3.92E+07	<0.63	0.000	0.000	67	0.623	78.042	32	0.298	29.406	109.40	1.018	108.237
*	10/17/97	12	25.0	43200	1080000	4.03E+07	<0.63	0.000	0.000	67	0.603	78.645	32	0.288	29.694	109.40	0.985	109.222
	11/17/97	12	25.0	44640	1116000	4.14E+07	<0.63	0.000	0.000	55	0.512	79.157	39	0.363	30.057	94.00	0.875	110.096
*	12/17/97	13	23.1	43200	996923	4.24E+07	<0.63	0.000	0.000	55	0.457	79.614	39	0.324	30.381	94.00	0.781	110.878
*	01/17/98	13	23.1	44640	1030154	4.34E+07	<0.63	0.000	0.000	55	0.472	80.087	39	0.335	30.716	94.00	0.807	111.685
*	02/17/98	14	21.4	44640	956571	4.44E+07	<0.63	0.000	0.000	55	0.439	80.525	39	0.311	31.028	94.00	0.750	112.435
	Subtotal:	**February 1997 through February 1998**				**1.26E+07**			**0.000**			**8.341**			**4.728**			**13.478**
	03/17/98	12	25.0	40320	1008000	4.54E+07	<0.63	0.000	0.000	44	0.370	80.895	38	0.319	31.347	82.00	0.689	113.124
*	04/17/98	20	15.0	44640	669600	4.60E+07	<0.63	0.000	0.000	44	0.246	81.141	38	0.212	31.559	82.00	0.458	113.582
*	05/17/98	27	11.1	43200	480000	4.65E+07	<0.63	0.000	0.000	44	0.176	81.317	38	0.152	31.711	82.00	0.328	113.910
*	06/17/98	14	21.4	44640	956571	4.75E+07	<0.63	0.000	0.000	44	0.351	81.668	38	0.303	32.014	82.00	0.654	114.564
	07/17/98	27	11.1	43200	480000	4.79E+07	<0.63	0.000	0.000	32	0.128	81.796	23	0.092	32.106	59.77	0.239	114.803
*	08/17/98	23	13.0	44640	582261	4.85E+07	<0.63	0.000	0.000	32	0.155	81.951	23	0.112	32.218	59.77	0.290	115.094
	09/17/98	28	10.7	44640	478286	4.90E+07	8.1	0.032	0.032	2.1	0.008	81.960	16	0.064	32.282	26.20	0.104	115.198
*	10/17/98	28	10.7	43200	462857	4.95E+07	8.1	0.031	0.064	2.1	0.008	81.968	16	0.062	32.343	26.20	0.101	115.299
*	11/17/98	29	10.3	44640	461793	4.99E+07	8.1	0.031	0.095	2.1	0.008	81.976	16	0.062	32.405	26.20	0.101	115.400
	12/17/98	27	11.1	43200	480000	5.04E+07	7.9	0.032	0.126	1.9	0.008	81.983	13	0.052	32.457	22.80	0.091	115.491
*	01/17/99	31	9.7	44640	432000	5.08E+07	7.9	0.028	0.155	1.9	0.007	81.990	13	0.047	32.504	22.80	0.082	115.573
	Subtotal:	**February 1998 through February 1999**				**6.49E+06**			**0.155**			**1.465**			**1.476**			**3.138**

Table 5. Groundwater Discharge Summary, Chip Storage Extraction System (CSES) and Southeast Extraction System (SES)

	DATE	Time for 5 gallons (sec)	Flow Rate (gpm)	Time Since Last Sampled (min)	Discharge Between Readings (gallons)	Cumulative Discharge (gallons)	Tetrachloroethene (PCE) Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)	1,1,1-Trichloroethane (TCA) Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)	Trichloroethene (TCE) Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)	Total VOCs Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)
*	02/17/99	17	17.6	44640	787765	5.16E+07	7.9	0.052	0.207	1.9	0.012	82.003	13	0.085	32.589	22.80	0.150	115.723
	03/17/99	18	16.7	40320	672000	5.23E+07	4.4	0.025	0.231	1.9	0.011	82.013	19	0.106	32.696	25.30	0.142	115.865
*	04/17/99	22	13.6	44640	608727	5.29E+07	4.4	0.022	0.254	1.9	0.010	82.023	19	0.096	32.792	25.30	0.128	115.993
*	05/17/99	23	13.0	43200	563478	5.35E+07	4.4	0.021	0.274	1.9	0.009	82.032	19	0.089	32.881	25.30	0.119	116.112
*	06/17/99	12	25.0	44640	1116000	5.46E+07	4.4	0.041	0.315	1.9	0.018	82.050	19	0.177	33.058	25.30	0.235	116.348
*	07/17/99	9	33.3	43200	1440000	5.60E+07	4.4	0.053	0.368	1.9	0.023	82.073	19	0.228	33.286	25.30	0.304	116.651
*	08/17/99	13	23.1	44640	1030154	5.71E+07	4.4	0.038	0.406	1.9	0.016	82.089	19	0.163	33.450	25.30	0.217	116.869
	09/17/99	13	23.1	44640	1030154	5.81E+07	<0.63	0.000	0.406	35	0.301	82.389	29	0.249	33.699	73.30	0.630	117.498
*	10/17/99	11	27.3	43200	1178182	5.93E+07	<0.63	0.000	0.406	35	0.344	82.733	29	0.285	33.984	73.30	0.720	118.218
*	11/17/99	11	27.3	44640	1217455	6.05E+07	<0.63	0.000	0.406	35	0.355	83.089	29	0.294	34.278	73.30	0.744	118.962
*	12/17/99	11	27.3	43200	1178182	6.17E+07	<0.63	0.000	0.406	35	0.344	83.432	29	0.285	34.563	73.30	0.720	119.682
	Subtotal:	**February 1999 through February 2000**				**1.08E+07**			**0.251**			**1.442**			**2.059**			**4.109**
*	02/01/00	13	23.1	66240	1528615	6.32E+07	<0.63	0.000	0.406	35	0.446	83.878	29	0.370	34.932	73.30	0.934	120.617
*	03/02/00	12	25.0	43200	1080000	6.43E+07	<0.63	0.000	0.406	35	0.315	84.194	29	0.261	35.194	73.30	0.660	121.277
	06/15/00	13	23.1	151200	3489231	6.78E+07	<0.63	0.000	0.406	23	0.669	84.863	19	0.553	35.746	42.00	1.222	122.499
*	08/11/00	13	23.1	82080	1894154	6.97E+07	<0.63	0.000	0.406	23	0.363	85.226	19	0.300	36.046	42.00	0.663	123.162
	09/27/00	13	23.1	67680	1561846	7.12E+07	<0.63	0.000	0.406	19	0.247	85.473	14	0.182	36.229	34.56	0.450	123.612
	04/19/01	(a)	23.1	293760	6785856	7.80E+07	<0.14	0.000	0.406	17	0.962	86.435	13	0.736	36.964	30.00	1.697	125.309
	Subtotal:	**February 2000 through April 2001**				**1.63E+07**			**0.000**			**3.003**			**2.401**			**5.627**
*	06/15/01	14	21.4	82080	1758857	7.98E+07	<0.14	0.000	0.406	17	0.249	86.685	13	0.191	37.155	30.00	0.440	125.749
*	07/09/01	15	20.0	34560	691200	8.05E+07	<0.14	0.000	0.406	17	0.098	86.783	13	0.075	37.230	30.00	0.173	125.922
*	08/06/01	14	21.4	40320	864000	8.13E+07	<0.14	0.000	0.406	17	0.122	86.905	13	0.094	37.324	30.00	0.216	126.138
*	09/25/01	15	20.0	72000	1440000	8.28E+07	<0.14	0.000	0.406	17	0.204	87.109	13	0.156	37.480	30.00	0.360	126.499
	02/08/02	16	18.8	195840	3672000	8.64E+07	<0.25	0.000	0.406	19	0.582	87.691	15	0.459	37.939	34.25	1.049	127.547
	04/16/02	(a)	18.8	96480	1813824	8.82E+07	<0.25	0.000	0.406	11	0.166	87.857	14	0.212	38.151	25.00	0.378	127.925
*	08/13/02	17	17.6	267840	4726588	9.30E+07	<0.25	0.000	0.406	11	0.434	88.291	14	0.552	38.702	25.00	0.985	128.911
	11/19/02	(a)	17.6	141120	2483712	9.55E+07	<0.25	0.000	0.406	16	0.331	88.622	10	0.207	38.909	26.00	0.538	129.449
*	12/31/02	(a)	17.6	60480	1064448	9.65E+07	<0.25	0.000	0.406	16	0.142	88.764	10	0.089	38.998	26.00	0.231	129.680
	Subtotal:	**May 2001 through December 2002**				**1.85E+07**			**0.000**			**2.329**			**2.034**			**4.370**
*	02/20/03	18	16.7	73440	1224000	9.77E+07	<0.25	0.000	0.406	16	0.163	88.927	10	0.102	39.100	26.00	0.265	129.945
*	03/03/03	19	15.8	15840	250105	9.80E+07	<0.25	0.000	0.406	16	0.033	88.961	10	0.021	39.121	26.00	0.054	129.999
*	05/05/03	16	18.8	90720	1701000	9.97E+07	<0.25	0.000	0.406	16	0.227	89.188	10	0.142	39.263	26.00	0.369	130.368
	06/24/03	(a)	18.8	72000	1350000	1.01E+08	<0.50	0.000	0.406	14	0.158	89.345	9.6	0.108	39.371	23.60	0.266	130.634
*	07/09/03	17	17.6	21600	381176	1.01E+08	<0.50	0.000	0.406	14	0.044	89.390	9.6	0.031	39.401	23.60	0.075	130.709
*	08/15/03	19	15.8	53280	841263	1.02E+08	<0.50	0.000	0.406	14	0.098	89.488	9.6	0.067	39.469	23.60	0.166	130.874
*	09/26/03	19	15.8	60480	954947	1.03E+08	<0.50	0.000	0.406	14	0.111	89.599	9.6	0.076	39.545	23.60	0.188	131.062
*	10/14/03	23	13.0	25920	338087	1.04E+08	<0.50	0.000	0.406	14	0.039	89.639	9.6	0.027	39.572	23.60	0.067	131.129
	10/20/03	(a)	13.0	8640	112696	1.04E+08	<0.50	0.000	0.406	16	0.015	89.654	11	0.010	39.583	27.00	0.025	131.154
*	11/03/03	23	13.0	20160	262957	1.04E+08	<0.50	0.000	0.406	16	0.035	89.689	11	0.024	39.607	27.00	0.059	131.213
*	12/15/03	23	13.0	60480	788870	1.05E+08	<0.50	0.000	0.406	16	0.105	89.794	11	0.072	39.679	27.00	0.178	131.391
*	12/23/03	(a)	13.0	11520	149760	1.05E+08	<0.50	0.000	0.406	16	0.020	89.814	11	0.014	39.693	27.00	0.034	131.425
	Subtotal:	**January 2003 through December 2003**				**8.35E+06**			**0.000**			**1.050**			**0.695**			**1.745**
	Subtotal:	**CSES**				**1.05E+08**			**0.406**			**89.814**			**39.693**			**131.425**

Table 5. Groundwater Discharge Summary, Chip Storage Extraction System (CSES) and Southeast Extraction System (SES)

	DATE	Time for 5 gallons (sec)	Flow Rate (gpm)	Time Since Last Sampled (min)	Discharge Between Readings (gallons)	Cumulative Discharge (gallons)	Tetrachloroethene (PCE) Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)	1,1,1-Trichloroethane (TCA) Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)	Trichloroethene (TCE) Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)	Total VOCs Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)
	Plant #2	**Southeast Extraction System (SES)**																
	11/11/93	NM	NM	0	NA	NA	<0.5	0.000	0.000	<0.5	0.000	0.000	<0.5	0.000	0.000	0.00	0.000	0.000
	06/16/94	95	3.2	312480	986779	9.87E+05	<0.5	0.000	0.000	<0.5	0.000	0.000	<0.5	0.000	0.000	0.00	0.000	0.000
	08/16/94	115.9	2.6	87840	227368	1.21E+06	1.7	0.003	0.003	25	0.047	0.047	130	0.246	0.246	156.70	0.297	0.297
	11/15/94	26.4	11.4	131040	1489091	2.70E+06	1.7	0.021	0.024	25	0.310	0.358	130	1.614	1.861	156.70	1.946	2.243
*	11/23/94	26.4	11.4	11520	130909	2.83E+06	1.7	0.002	0.026	25	0.027	0.385	130	0.142	2.002	156.70	0.171	2.414
	12/17/94	off	NA	34560	0	2.83E+06	NA	0.000	0.026	NA	0.000	0.385	NA	0.000	2.002	NA	0.000	2.414
	04/14/95	150	2.0	169920	0	2.83E+06	NA	0.000	0.026	NA	0.000	0.385	NA	0.000	2.002	0.00	0.000	2.414
*	05/02/95	26	11.5	25920	299077	3.13E+06	1.7	0.004	0.030	25	0.062	0.447	130	0.324	2.327	156.70	0.391	2.804
	06/22/95	35.6	8.4	73440	618876	3.75E+06	1.7	0.009	0.039	14	0.072	0.520	90	0.464	2.791	105.70	0.545	3.350
	Subtotal:	**First Year**				**3.75E+06**			**0.039**			**0.520**			**2.791**			**3.350**
*	07/12/95	23.19	12.9	28800	372574	4.12E+06	1.7	0.005	0.044	14	0.043	0.563	90	0.280	3.071	105.70	0.328	3.678
*	08/24/95	21.98	13.6	61920	845132	4.97E+06	1.7	0.012	0.056	14	0.099	0.662	90	0.634	3.705	105.70	0.745	4.423
*	09/13/95	19.4	15.5	28800	445361	5.42E+06	1.7	0.006	0.063	14	0.052	0.714	90	0.334	4.039	105.70	0.393	4.816
	11/07/95	35	8.6	79200	678857	6.09E+06	12.2	0.069	0.132	11.5	0.065	0.779	67.2	0.380	4.419	90.90	0.515	5.330
	01/25/96	20	15.0	113760	1706400	7.80E+06	9.1	0.129	0.261	9.6	0.137	0.915	65	0.925	5.344	83.70	1.191	6.521
*	03/14/96	90	3.3	70560	235200	8.04E+06	9.1	0.018	0.279	9.6	0.019	0.934	65	0.127	5.472	83.70	0.164	6.685
	05/15/96	100	3.0	89280	267840	8.30E+06	1.5	0.003	0.282	10.4	0.023	0.958	92.3	0.206	5.678	104.20	0.233	6.918
*	06/15/96	43	7.0	44640	311442	8.61E+06	1.5	0.004	0.286	10.4	0.027	0.985	92.3	0.240	5.917	104.20	0.271	7.188
	Subtotal:	**Second Year**				**4.86E+06**			**0.247**			**0.465**			**3.126**			**3.838**
	08/09/96	32	9.4	79200	742500	9.36E+06	4.6	0.028	0.315	7.8	0.048	1.033	47.1	0.292	6.209	59.50	0.368	7.557
	10/08/96	20	15.0	86400	1296000	1.07E+07	<0.5	0.000	0.315	<0.5	0.000	1.033	1.5	0.016	6.225	1.50	0.016	7.573
	01/26/97	25	12.0	158400	1900800	1.26E+07	8.5	0.135	0.450	5	0.079	1.112	31	0.491	6.717	44.50	0.705	8.278
	02/14/97	48	6.3	27360	171000	1.27E+07	8.5	0.012	0.462	5	0.007	1.119	31	0.044	6.761	44.50	0.063	8.342
	Subtotal:	**May 1996 through February 1997**				**4.11E+06**			**0.175**			**0.135**			**0.843**			**1.153**
	03/17/97	50	6.0	44640	267840	1.30E+07	6.3	0.014	0.476	3.4	0.008	1.127	24	0.054	6.814	33.70	0.075	8.417
*	04/17/97	23	13.0	44640	582261	1.36E+07	6.3	0.031	0.506	3.4	0.017	1.143	24	0.117	6.931	33.70	0.164	8.580
*	05/17/97	17	17.6	43200	762353	1.43E+07	6.3	0.040	0.546	3.4	0.022	1.165	24	0.153	7.083	33.70	0.214	8.795
*	06/17/97	35	8.6	44640	382629	1.47E+07	6.3	0.020	0.566	3.4	0.011	1.176	24	0.077	7.160	33.70	0.108	8.902
	07/17/97	19	15.8	43200	682105	1.54E+07	7.5	0.043	0.609	4.8	0.027	1.203	26	0.148	7.308	38.30	0.218	9.120
*	08/17/97	40	7.5	44640	334800	1.57E+07	7.5	0.021	0.630	4.8	0.013	1.216	26	0.073	7.380	38.30	0.107	9.227
*	09/17/97	19	15.8	44640	704842	1.64E+07	7.5	0.044	0.674	4.8	0.028	1.245	26	0.153	7.533	38.30	0.225	9.452
*	10/17/97	20	15.0	43200	648000	1.71E+07	7.5	0.041	0.715	4.8	0.026	1.271	26	0.140	7.674	38.30	0.207	9.659
	11/17/97	18	16.7	44640	744000	1.78E+07	10	0.062	0.777	6.2	0.038	1.309	49	0.304	7.978	65.20	0.404	10.063
*	12/17/97	25	12.0	43200	518400	1.84E+07	10	0.043	0.820	6.2	0.027	1.336	49	0.212	8.189	65.20	0.282	10.345
*	01/17/98	22	13.6	44640	608727	1.90E+07	10	0.051	0.871	6.2	0.031	1.367	49	0.249	8.438	65.20	0.331	10.676
*	02/17/98	45	6.7	44640	297600	1.93E+07	10	0.025	0.896	6.2	0.015	1.383	49	0.122	8.560	65.20	0.162	10.838
	Subtotal:	**February 1997 through February 1998**				**6.53E+06**			**0.434**			**0.264**			**1.799**			**2.496**
	03/17/98	18	16.7	40320	672000	1.99E+07	7.8	0.044	0.939	2.5	0.014	1.397	24	0.134	8.694	34.30	0.192	11.030
*	04/17/98	11	27.3	44640	1217455	2.11E+07	7.8	0.079	1.018	2.5	0.025	1.422	24	0.244	8.938	34.30	0.348	11.378
*	05/17/98	14	21.4	43200	925714	2.21E+07	7.8	0.060	1.079	2.5	0.019	1.441	24	0.185	9.123	34.30	0.265	11.643
*	06/17/98	26	11.5	44640	515077	2.26E+07	7.8	0.033	1.112	2.5	0.011	1.452	24	0.103	9.226	34.30	0.147	11.790
	07/17/98	18	16.7	43200	720000	2.33E+07	<0.25	0.000	1.112	0.7	0.004	1.456	3.8	0.023	9.249	4.90	0.029	11.820
*	08/17/98	13	23.1	44640	1030154	2.43E+07	<0.25	0.000	1.112	0.7	0.006	1.462	3.8	0.033	9.282	4.90	0.042	11.862
	09/17/98	13	23.1	44640	1030154	2.54E+07	<0.63	0.000	1.112	38	0.326	1.789	25	0.215	9.496	64.10	0.551	12.412
*	10/17/98	17	17.6	43200	762353	2.61E+07	<0.63	0.000	1.112	38	0.242	2.030	25	0.159	9.655	64.10	0.407	12.820
*	11/17/98	17	17.6	44640	787765	2.69E+07	<0.63	0.000	1.112	38	0.250	2.280	25	0.164	9.819	64.10	0.421	13.241
	12/17/98	18	16.7	43200	720000	2.76E+07	<0.63	0.000	1.112	35	0.210	2.490	27	0.162	9.982	62.00	0.372	13.613
*	01/17/99	22	13.6	44640	608727	2.82E+07	<0.63	0.000	1.112	35	0.178	2.668	27	0.137	10.119	62.00	0.315	13.928
	Subtotal:	**February 1998 through February 1999**				**8.99E+06**			**0.217**			**1.285**			**1.559**			**3.090**

Table 5. Groundwater Discharge Summary, Chip Storage Extraction System (CSES) and Southeast Extraction System (SES)

	DATE	Time for 5 gallons (sec)	Flow Rate (gpm)	Time Since Last Sampled (min)	Discharge Between Readings (gallons)	Cumulative Discharge (gallons)	Tetrachloroethene (PCE) Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)	1,1,1-Trichloroethane (TCA) Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)	Trichloroethene (TCE) Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)	Total VOCs Detected (ug/l)	Removed (lb)	Cumulative Removed (lb)
*	02/17/99	37	8.1	44640	361946	2.86E+07	<0.63	0.000	1.112	35	0.106	2.773	27	0.081	10.200	62.00	0.187	14.115
	03/17/99	52	5.8	40320	232615	2.88E+07	<0.63	0.000	1.112	36	0.070	2.843	28	0.054	10.254	64.00	0.124	14.239
*	04/17/99	58	5.2	44640	230897	2.91E+07	<0.63	0.000	1.112	36	0.069	2.912	28	0.054	10.308	64.00	0.123	14.362
*	05/17/99	48	6.3	43200	270000	2.93E+07	<0.63	0.000	1.112	36	0.081	2.993	28	0.063	10.371	64.00	0.144	14.506
*	06/17/99	18	16.7	44640	744000	3.01E+07	<0.63	0.000	1.112	36	0.223	3.217	28	0.174	10.545	64.00	0.397	14.903
*	07/17/99	0	NM	43200	0	3.01E+07	<0.63	0.000	1.112	36	0.000	3.217	28	0.000	10.545	64.00	0.000	14.903
*	08/17/99	0	NM	44640	0	3.01E+07	<0.63	0.000	1.112	36	0.000	3.217	28	0.000	10.545	64.00	0.000	14.903
	09/17/99	62	4.8	44640	216000	3.03E+07	4.3	0.008	1.120	0.7	0.001	3.218	28	0.050	10.595	10.30	0.019	14.922
*	10/17/99	160	1.9	43200	81000	3.04E+07	4.3	0.003	1.123	0.7	0.000	3.218	5.3	0.004	10.599	10.30	0.007	14.929
*	11/17/99	203	1.5	44640	65970	3.05E+07	4.3	0.002	1.125	0.7	0.000	3.219	5.3	0.003	10.602	10.30	0.006	14.935
*	12/17/99	290	1.0	43200	44690	3.05E+07	4.3	0.002	1.127	0.7	0.000	3.219	5.3	0.002	10.604	10.30	0.004	14.938
	Subtotal:	**February 1999 through February 2000**				**2.25E+06**			**0.015**			**0.552**			**0.485**			**1.011**
*	02/01/00	345	0.9	66240	57600	3.06E+07	4.3	0.002	1.129	0.7	0.000	3.219	5.3	0.003	10.606	10.30	0.005	14.943
*	03/02/00	190	1.6	43200	68211	3.06E+07	4.3	0.002	1.131	0.7	0.000	3.220	5.3	0.003	10.609	10.30	0.006	14.949
	06/15/00	205	1.5	151200	221268	3.08E+07	1.6	0.003	1.134	<0.28	0.000	3.220	1.8	0.003	10.613	3.40	0.006	14.955
*	08/11/00	323	0.9	82080	76235	3.09E+07	1.6	0.001	1.135	<0.28	0.000	3.220	1.8	0.001	10.614	3.40	0.002	14.958
	09/27/00	207	1.4	67680	98087	3.10E+07	2.2	0.002	1.137	0.35	0.000	3.220	2.2	0.002	10.616	4.75	0.004	14.961
	04/19/01	(a)	1.4	293760	411264	3.14E+07	1.4	0.005	1.142	<0.25	0.000	3.220	1.6	0.005	10.621	3.00	0.010	14.972
	Subtotal:	**February 2000 through April 2001**				**9.33E+05**			**0.015**			**0.001**			**0.017**			**0.033**
*	06/15/01	234	1.3	82080	105231	3.15E+07	1.4	0.001	1.143	<0.25	0.000	3.220	1.60	0.001	10.623	3.00	0.003	14.974
*	07/09/01	250	1.2	34560	41472	3.16E+07	1.4	0.000	1.144	<0.25	0.000	3.220	1.60	0.001	10.623	3.00	0.001	14.975
*	08/06/01	246	1.2	40320	49171	3.16E+07	1.4	0.001	1.144	<0.25	0.000	3.220	1.60	0.001	10.624	3.00	0.001	14.977
*	09/25/01	204	1.5	72000	105882	3.17E+07	1.4	0.001	1.145	<0.25	0.000	3.220	1.60	0.001	10.625	3.00	0.003	14.979
	02/08/02	1065	0.3	195840	55166	3.18E+07	1.2	0.001	1.146	0.36	0.000	3.220	2.40	0.001	10.626	3.96	0.002	14.981
	04/16/02	(a)	0.3	96480	28944	3.18E+07	1.0	0.000	1.146	<0.25	0.000	3.220	2.40	0.001	10.627	3.40	0.001	14.982
	08/13/02	0	No flow	267840	0	3.18E+07	NA	0.000	1.146	NA	0.000	3.220	NA	0.000	10.627	NA	0.000	14.982
	11/19/02	0	No flow	312480	0	3.18E+07	NA	0.000	1.146	NA	0.000	3.220	NA	0.000	10.627	NA	0.000	14.982
	12/31/02	0	No flow	201600	0	3.18E+07	NA	0.000	1.146	NA	0.000	3.220	NA	0.000	10.627	NA	0.000	14.982
	Subtotal:	**May 2001 through December 2002**				**3.86E+05**			**0.004**			**0.000**			**0.006**			**0.010**
1/1/03 through 12/31/03:		No flow			0	3.18E+07	NA	0.000	1.146	NA	0.000	3.220	NA	0.000	10.627	NA	0.000	14.982
	Subtotal:	**January 2003 through December 2003**				**0.00E+00**			**0.000**			**0.000**			**0.000**			**0.000**
	Subtotal:	**SES**				**3.18E+07**			**1.146**			**3.220**			**10.627**			**14.982**
	TOTALS:	**CSES and SES**				**1.37E+08**			**1.552**			**93.035**			**50.320**			**146.406**

NOTE: The system was shut off for the winter on 11/23/94 due to a cracked header. Operation was restored on 04/14/95.

*The concentrations for these dates are estimated to have been the same as the previous results.

NM = Not Measured NA = Not Applicable or Not Analyzed (a) - Flow rate from previous date used in calculations.

Table 6. Site-Specific and Generic Soil Performance Standards for Former Sump Source Area
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 7. 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 downgradient of former Southeast Extraction System Area.

APPENDIX A

DUAL SOIL VAPOR/GROUNDWATER EXTRACTION SYSTEM DAILY OPERATION LOGS

STA-RITE INDUSTRIES, INC.

DELAVAN , WISCONSIN

DAILY OPERATIONAL LOG

Date	Hour Meter Reading	Operating Exhaust Temperature (°F)	Inlet Vacuum (" Hg)	Exhaust Pressure (" Water)	Special Vacuum Reading and Location	Running Lights Checked	Initials of Technician
1-6-03	8:35	START-UP SYSTEM FOR 1 WK					LL
1-6-03	11:35	140°	9.8	10.4	9.6/10.5		LL
1-7-03	2:45	145°	9.9	10.4	9.6/10.5		LL
1-7-03	8:55	3 HR AIR SAMPLE OF SYSTEM					LL
1-8-03	12:45	155°	9.6	10.4	9.4/10.2		LL
1-9-03	10:05	155°	9.6	10.3	9.4/10.2		LL
1-10-03	9:15	147°	9.6	10.4	9.6/10.4		LL
1-10-03	9:18	SHUT DOWN FOR 3 WEEKS					LL
2-4-03	9:15	START UP FOR 1 WEEK					LL
2-4-03	9:20	125°	10.0	10.3	9.6/10.2		LL
2-5-03	8:45	140°	10.0	10.5	10.0/10.5		LL
2-6-03	10:55	149°	10.1	10.4	9.9/10.6		LL
2-7-03	11:05	1490	10.1	10.4	10/11.0		LL
2-10-03	14:00	148°	10.1	10.3	10.0/11.0		LL
2-10-03	14:05	SHUT DOWN FOR 3 WKS					LL
3-3-03	11:15	START-UP SYSTEM FOR 1 WK					LL
3-4-03	2:32	180°	12.0	9.4	11.8/12.5		LL
3-4-03	2:35	3 HR AIR SAMPLE					LL
3-5-03	9:50	1165°	11.0	10.5	10.4/11.5		LL
3-6-03	9:52	152°	11.2	10.5	9.9/10.7		LL
3-7-03	9:15	152°	10.0	10.3	9.8/10.5		LL
3-7-03	9:18	SHUT FOR 3 WKS					LL

FORM 3

STA-RITE INDUSTRIES, INC.

DELAVAN, WISCONSIN

DAILY OPERATIONAL LOG

Date	Hour Meter Reading	Operating Exhaust Temperature (°F)	Inlet Vacuum (" Hg)	Exhaust Pressure (" Water)	Special Vacuum Reading and Location	Running Lights Checked	Initials of Technician
4-07-03	0600	CHANGE Filter					
4-07-03	0620	START-UP FOR WEEK					
4-07-03	10 30	148°	9.7	10.4	9.6/10.5		
4-08-03	8:10	3 HR. AIR SAMPLE STARTED					
4-08 03	8:15	150°	9.8	10.5	9.6/10.4		
4-09-03	10:10	155°	9.8	10.4	9.6/10.4		
4-10-03	9:20	162°	9.8	10.6	9.6/10.4		
4-11-03	8:35	162°	9.7	10.6	9.5/10.2		
4-11-03	8:40	SHUT DOWN FOR 3 WEEKS					
5-5-03	9:45	START UP FOR ONE WEEK					
5-5-03	11:15	157°	9.6	10.7	9.4/10.2		
5-6-03	8:05	AIR SAMPLE FOR 3 HRS					
5-6-03	2:15	168°	9.6	10.7	9.4/10.2		
5-7-03	14:08	162°	9.6	10.4	9.6/10.5		
5-8-03	10 35	167°	9.6	10.6	9.6/10.5		
5-9-03	11:02	167°	9.2	10.6	9.6/10.5		
5-9-03	11:05	SHUT DOWN FOR 2 WKS					
6-2-03	7:45	START UP OF SYSTEM FOR 1 WK					
6-2-03	9:15	148°	9.8	10.5	9.6/10.5		
6-3-03	7:15	3 HRS AIR SAMPLE					
6-3-03	8:45	165°	9.7	10.7	9.6/10.5		
6-4-03	9:45	172°	9.7	10.5	9.6/10.5		
6-5-03	10:40	178°	9.7	10.5	9.5/10.5		
6-6-03	9:55	175°	9.7	10.8	9.5/10.5		
6-6-03	10:00	SHUT DOWN FOR 2 WKS!					

FORM 3

STA-RITE INDUSTRIES, INC.

DELAVAN , WISCONSIN

DAILY OPERATIONAL LOG

Date	Hour Meter Reading	Operating Exhaust Temperature (°F)	Inlet Vacuum (" Hg)	Exhaust Pressure (" Water)	Special Vacuum Reading and Location	Running Lights Checked	Initials of Technician
7-7-03	6:05	START UP OF SYSTEM			FOR 1 HR		LP
7-7-03	8:35	165°	9.7	10.5	9.4/10.5		LP
7-8-03	11:55	178°	9.7	10.6	9.6/10.5		LP
7-8-03	12:00	START OF 3 HR AIR			SAMPLE		LP
7-9-03	11:42	178°	9.8	10.5	9.6/10.5		LP
7-10-03	1500	180°	9.6	10.1	9.6/10.5		LP
7-11-03	8:30	178°	9.6	10.6	9.5/10.4		LP
7-11-03	8:55	SHUT DOWN	FOR 3	WEEKS			
8-4-03	9:15	START UP. FOR 1 HR					LP
8-4-03	9:22	175°	9.6	10.5	9.5/10.4		LP
8-5-03	2:14	178°	9.6	10.5	9.5/10.4		LP
8-5-03	7:18	3 HR. AIR SAMPLE			START		LP
8-6-03	9:40	185°	9.6	10.2	9.5/10.4		LP
8-7-03	10:42	188°	9.6	10.3	9.5/10.4		LP
8-8-03	8:30	192	9.6	10.5	9.5/10.5		LP
8-9-03	9:20	START UP OF SYSTEM			FOR 1 HR		LP
8-9-03	9:30	178°	9.6	10.3	9.5/10.4		LP
8-10-03	9:20	180° SAMPLE 3 HR	9.6	10.7	9.5/10.5		LP
9-10-03	10:03	185°	9.6	10.3	9.6/10.5		LP
9-11-03	12:40	182°	9.6	9.8	9.6/10.5		LP
9-12-03	12:53	192°	9.6	9.8	9.6/10.6		LP
9-12-03	12:57	SHUT DOWN FOR 2 WKS					

FORM 3

STA-RITE INDUSTRIES, INC.

DELAVAN , WISCONSIN

DAILY OPERATIONAL LOG

Date	Hour Meter Reading	Operating Exhaust Temperature (°F)	Inlet Vacuum (" Hg)	Exhaust Pressure (" Water)	Special Vacuum Reading and Location	Running Lights Checked	Initials of Technician
10.6.03	9:15	START UP SYSTEM FOR 1 HR					
10.6.03	13:02	176°	9.6	10.1	9.5/10.5		
10.7.03	9:15	172°	9.6	11.0	9.5/10.5		
10.7.03	9:22	START 3 HR AIR SAMPLE					
10.8.03	10:57	175°	9.6	10.7	9.5/10.5		
10.10.03	11:40	182°	9.6	10.7	9.6/10.5		
10.10.03	11:43	SHUT DOWN FOR 3 HRS					
11.5.03	8:14	START UP SYSTEM					
11.5.03	11:06	180°	9.6	10.1	9.5/10.5		
11.6.03	8:53	174°	9.6	10.5	9.5/10.5		
11.7.03	9:00	177°	9.6	10.5	9.5/10.5		
11.8.03	10:18	182°	9.6	10.5	9.5/10.5		
11.9.03	11:14	182°	9.6	10.5	9.5/10.5		
11.9.03	11:30	SHUT DOWN SYSTEM FOR 3 WEEKS					
12.5.03	9:18	START SYSTEM FOR 1 HOUR					
12.8.03	10:00	179°	9.6	10.5	9.5/10.5		
12.8.03	9:00	175°	9.6	10.5	9.5/10.5		
12.9.03	8:00	177°	9.6	10.5	9.5/10.5		
12.9.03	11:14	180°	9.5	10.6	9.5/10.5		
12.9.03	11:22	SHUT DOWN FOR 3 HRS					

FORM 3

APPENDIX B

SOIL SAMPLE ANALYTICAL RESULTS

TestAmerica
ANALYTICAL TESTING CORPORATION

WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

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

10/06/2003

Job No: 03.08956

The following samples were received by TestAmerica for analysis:

4169.002.05 Sta-Rite

Sample Number	Sample Description	Date Taken	Date Received
541101	Sump E 16'	09/16/2003	09/18/2003
541102	Sump E 20'	09/16/2003	09/18/2003
541103	Sump E 20' Dup	09/16/2003	09/18/2003
541104	Sump E 24'	09/16/2003	09/18/2003
541105	Sump E 26'	09/16/2003	09/18/2003
541106	Sump E 28'	09/16/2003	09/18/2003

Soil results reported
on a dry weight basis.

Brian D. DeJong
Organic Operations Manager

GEOTRANS, INC.
Job No: 03.08956

10/06/2003

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

10/06/2003
Job No: 03.08956
Sample No: 541101
Account No: 39150
Page 3 of 22

JOB DESCRIPTION: 4169.002.05 Sta-Rite
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: Sump E 16'
Rec'd at 4 degrees C

Date/Time Taken: 09/16/2003 14:45 Date Received: 09/18/2003

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Solids, Total		94.0	%	n/a	SW 5035	09/29/2003	krw	5314
VOC - METHANOL - 8260B	M							
Benzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromobenzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromochloromethane		<37	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Bromodichloromethane		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromoform		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromomethane		<106	ug/kg	100	SW 8260B	10/03/2003	aba	2549
n-Butylbenzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
sec-Butylbenzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
tert-Butylbenzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Carbon Tetrachloride		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chlorobenzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chlorodibromomethane		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chloroethane		<53	ug/kg	50	SW 8260B	10/03/2003	aba	2549
Chloroform		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chloromethane		<53	ug/kg	50	SW 8260B	10/03/2003	aba	2549
2-Chlorotoluene		<53	ug/kg	50	SW 8260B	10/03/2003	aba	2549
4-Chlorotoluene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dibromo-3-Chloropropane		<53	ug/kg	50	SW 8260B	10/03/2003	aba	2549
1,2-Dibromoethane (EDB)		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Dibromomethane		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dichlorobenzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,3-Dichlorobenzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,4-Dichlorobenzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Dichlorodifluoromethane		<53	ug/kg	50	SW 8260B	10/03/2003	aba	2549
1,1-Dichloroethane		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dichloroethane		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1-Dichloroethene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
cis-1,2-Dichloroethene		915	ug/kg	25	SW 8260B	10/03/2003	aba	2549
trans-1,2-Dichloroethene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dichloropropane		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,3-Dichloropropane		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
2,2-Dichloropropane		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1-Dichloropropene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
cis-1,3-Dichloropropene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
trans-1,3-Dichloropropene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Di-isopropyl ether		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Ethylbenzene		202	ug/kg	25	SW 8260B	10/03/2003	aba	2549

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

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

10/06/2003
Job No: 03.08956
Sample No: 541101
Account No: 39150

JOB DESCRIPTION: 4169.002.05 Sta-Rite
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: Sump E 16'
Rec'd at 4 degrees C

Date/Time Taken: 09/16/2003 14:45 Date Received: 09/18/2003

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Hexachlorobutadiene		<37	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Isopropylbenzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
p-Isopropyltoluene		30	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Methylene Chloride	L	95	ug/kg	50	SW 8260B	10/03/2003	aba	2549
Methyl-t-butyl ether		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Naphthalene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
n-Propylbenzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Styrene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,1,2-Tetrachloroethane		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,2,2-Tetrachloroethane		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Tetrachloroethene		85	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Toluene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2,3-Trichlorobenzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2,4-Trichlorobenzene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,1-Trichloroethane		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,2-Trichloroethane		<37	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Trichloroethene		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Trichlorofluoromethane		<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2,3-Trichloropropane		<106	ug/kg	100	SW 8260B	10/03/2003	aba	2549
1,2,4-Trimethylbenzene		117	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,3,5-Trimethylbenzene		160	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Vinyl Chloride		<37	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Xylenes, Total		383	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Surr: Dibromofluoromethane		96	%	88-108	SW 8260B	10/03/2003	aba	2549
Surr: Toluene-d8		98	%	87-106	SW 8260B	10/03/2003	aba	2549
Surr: Bromofluorobenzene		105	%	93-109	SW 8260B	10/03/2003	aba	2549

ANALYTICAL REPORT

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

10/06/2003
Job No: 03.08956
Sample No: 541102
Account No: 39150
Page 5 of 22

JOB DESCRIPTION: 4169.002.05 Sta-Rite
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: Sump E 20'
Rec'd at 4 degrees C

Date/Time Taken: 09/16/2003 14:50 Date Received: 09/18/2003

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Solids, Total		92.3	%	n/a	SW 5035	09/29/2003	krw	5314
VOC - METHANOL - 8260B	M							
Benzene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromobenzene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromochloromethane		<195	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Bromodichloromethane		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromoform		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromomethane		<542	ug/kg	100	SW 8260B	10/03/2003	aba	2549
n-Butylbenzene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
sec-Butylbenzene		206	ug/kg	25	SW 8260B	10/03/2003	aba	2549
tert-Butylbenzene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Carbon Tetrachloride		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chlorobenzene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chlorodibromomethane		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chloroethane		<271	ug/kg	50	SW 8260B	10/03/2003	aba	2549
Chloroform		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chloromethane		<271	ug/kg	50	SW 8260B	10/03/2003	aba	2549
2-Chlorotoluene		<271	ug/kg	50	SW 8260B	10/03/2003	aba	2549
4-Chlorotoluene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dibromo-3-Chloropropane		<271	ug/kg	50	SW 8260B	10/03/2003	aba	2549
1,2-Dibromoethane (EDB)		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Dibromomethane		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dichlorobenzene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,3-Dichlorobenzene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,4-Dichlorobenzene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Dichlorodifluoromethane		<271	ug/kg	50	SW 8260B	10/03/2003	aba	2549
1,1-Dichloroethane		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dichloroethane		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1-Dichloroethene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
cis-1,2-Dichloroethene		347	ug/kg	25	SW 8260B	10/03/2003	aba	2549
trans-1,2-Dichloroethene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dichloropropane		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,3-Dichloropropane		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
2,2-Dichloropropane		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1-Dichloropropene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
cis-1,3-Dichloropropene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
trans-1,3-Dichloropropene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Di-isopropyl ether		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Ethylbenzene		<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

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

10/06/2003
Job No: 03.08956
Sample No: 541102
Account No: 39150

JOB DESCRIPTION: 4169.002.05 Sta-Rite
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: Sump E 20'
Rec'd at 4 degrees C

Date/Time Taken: 09/16/2003 14:50 Date Received: 09/18/2003

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Hexachlorobutadiene	<195	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Isopropylbenzene	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
p-Isopropyltoluene	325	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Methylene Chloride	<271	ug/kg	50	SW 8260B	10/03/2003	aba	2549
Methyl-t-butyl ether	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Naphthalene	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
n-Propylbenzene	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Styrene	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,1,2-Tetrachloroethane	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,2,2-Tetrachloroethane	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Tetrachloroethene	3,680	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Toluene	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2,3-Trichlorobenzene	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2,4-Trichlorobenzene	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,1-Trichloroethane	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,2-Trichloroethane	<195	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Trichloroethene	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Trichlorofluoromethane	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2,3-Trichloropropane	<542	ug/kg	100	SW 8260B	10/03/2003	aba	2549
1,2,4-Trimethylbenzene	152	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,3,5-Trimethylbenzene	<130	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Vinyl Chloride	<195	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Xylenes, Total	<195	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Surr: Dibromofluoromethane	94	%	88-108	SW 8260B	10/03/2003	aba	2549
Surr: Toluene-d8	97	%	87-106	SW 8260B	10/03/2003	aba	2549
Surr: Bromofluorobenzene	104	%	93-109	SW 8260B	10/03/2003	aba	2549

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

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

10/06/2003
Job No: 03.08956
Sample No: 541103
Account No: 39150

JOB DESCRIPTION: 4169.002.05 Sta-Rite
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: Sump E 20' Dup
Rec'd at 4 degrees C

Date/Time Taken: 09/16/2003 14:55 Date Received: 09/18/2003

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Solids, Total		93.1	%	n/a	SW 5035	09/29/2003	krw	5314
VOC - METHANOL - 8260B	M							
Benzene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromobenzene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromochloromethane		<193	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Bromodichloromethane		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromoform		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromomethane		<537	ug/kg	100	SW 8260B	10/03/2003	aba	2549
n-Butylbenzene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
sec-Butylbenzene		290	ug/kg	25	SW 8260B	10/03/2003	aba	2549
tert-Butylbenzene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Carbon Tetrachloride		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chlorobenzene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chlorodibromomethane		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chloroethane		<269	ug/kg	50	SW 8260B	10/03/2003	aba	2549
Chloroform		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chloromethane		<269	ug/kg	50	SW 8260B	10/03/2003	aba	2549
2-Chlorotoluene		<269	ug/kg	50	SW 8260B	10/03/2003	aba	2549
4-Chlorotoluene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dibromo-3-Chloropropane		<269	ug/kg	50	SW 8260B	10/03/2003	aba	2549
1,2-Dibromoethane (EDB)		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Dibromomethane		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dichlorobenzene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,3-Dichlorobenzene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,4-Dichlorobenzene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Dichlorodifluoromethane		<269	ug/kg	50	SW 8260B	10/03/2003	aba	2549
1,1-Dichloroethane		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dichloroethane		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1-Dichloroethene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
cis-1,2-Dichloroethene		408	ug/kg	25	SW 8260B	10/03/2003	aba	2549
trans-1,2-Dichloroethene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dichloropropane		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,3-Dichloropropane		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
2,2-Dichloropropane		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1-Dichloropropene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
cis-1,3-Dichloropropene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
trans-1,3-Dichloropropene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Di-isopropyl ether		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Ethylbenzene		<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549

ANALYTICAL REPORT

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

10/06/2003
Job No: 03.08956
Sample No: 541103
Account No: 39150

JOB DESCRIPTION: 4169.002.05 Sta-Rite
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: Sump E 20' Dup
Rec'd at 4 degrees C

Date/Time Taken: 09/16/2003 14:55 Date Received: 09/18/2003

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Hexachlorobutadiene	<193	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Isopropylbenzene	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
p-Isopropyltoluene	451	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Methylene Chloride	<269	ug/kg	50	SW 8260B	10/03/2003	aba	2549
Methyl-t-butyl ether	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Naphthalene	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
n-Propylbenzene	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Styrene	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,1,2-Tetrachloroethane	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,2,2-Tetrachloroethane	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Tetrachloroethene	5,160	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Toluene	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2,3-Trichlorobenzene	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2,4-Trichlorobenzene	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,1-Trichloroethane	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,2-Trichloroethane	<193	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Trichloroethene	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Trichlorofluoromethane	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2,3-Trichloropropane	<537	ug/kg	100	SW 8260B	10/03/2003	aba	2549
1,2,4-Trimethylbenzene	215	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,3,5-Trimethylbenzene	<129	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Vinyl Chloride	<193	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Xylenes, Total	<193	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Surr: Dibromofluoromethane	96	%	88-108	SW 8260B	10/03/2003	aba	2549
Surr: Toluene-d8	99	%	87-106	SW 8260B	10/03/2003	aba	2549
Surr: Bromofluorobenzene	105	%	93-109	SW 8260B	10/03/2003	aba	2549

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

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

10/06/2003
Job No: 03.08956
Sample No: 541104
Account No: 39150

JOB DESCRIPTION: 4169.002.05 Sta-Rite
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: Sump E 24'
Rec'd at 4 degrees C

Date/Time Taken: 09/16/2003 15:25 Date Received: 09/18/2003

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Solids, Total	91.9	%	n/a	SW 5035	09/29/2003	krw	5314
VOC - METHANOL - 8260B							
Benzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromobenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromochloromethane	<38	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Bromodichloromethane	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromoform	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Bromomethane	<109	ug/kg	100	SW 8260B	10/03/2003	aba	2549
n-Butylbenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
sec-Butylbenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
tert-Butylbenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Carbon Tetrachloride	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chlorobenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chlorodibromomethane	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chloroethane	<54	ug/kg	50	SW 8260B	10/03/2003	aba	2549
Chloroform	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Chloromethane	<54	ug/kg	50	SW 8260B	10/03/2003	aba	2549
2-Chlorotoluene	<54	ug/kg	50	SW 8260B	10/03/2003	aba	2549
4-Chlorotoluene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dibromo-3-Chloropropane	<54	ug/kg	50	SW 8260B	10/03/2003	aba	2549
1,2-Dibromoethane (EDB)	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Dibromomethane	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dichlorobenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,3-Dichlorobenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,4-Dichlorobenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Dichlorodifluoromethane	<54	ug/kg	50	SW 8260B	10/03/2003	aba	2549
1,1-Dichloroethane	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dichloroethane	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1-Dichloroethene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
cis-1,2-Dichloroethene	90	ug/kg	25	SW 8260B	10/03/2003	aba	2549
trans-1,2-Dichloroethene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2-Dichloropropane	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,3-Dichloropropane	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
2,2-Dichloropropane	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1-Dichloropropene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
cis-1,3-Dichloropropene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
trans-1,3-Dichloropropene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Di-isopropyl ether	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Ethylbenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549

ANALYTICAL REPORT

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

10/06/2003
Job No: 03.08956
Sample No: 541104
Account No: 39150
Page 10 of 22

JOB DESCRIPTION: 4169.002.05 Sta-Rite
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: Sump E 24'
Rec'd at 4 degrees C

Date/Time Taken: 09/16/2003 15:25 Date Received: 09/18/2003

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Hexachlorobutadiene	<38	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Isopropylbenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
p-Isopropyltoluene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Methylene Chloride	<54	ug/kg	50	SW 8260B	10/03/2003	aba	2549
Methyl-t-butyl ether	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Naphthalene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
n-Propylbenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Styrene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,1,2-Tetrachloroethane	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,2,2-Tetrachloroethane	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Tetrachloroethene	305	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Toluene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2,3-Trichlorobenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2,4-Trichlorobenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,1-Trichloroethane	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,1,2-Trichloroethane	<38	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Trichloroethene	110	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Trichlorofluoromethane	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,2,3-Trichloropropane	<109	ug/kg	100	SW 8260B	10/03/2003	aba	2549
1,2,4-Trimethylbenzene	30	ug/kg	25	SW 8260B	10/03/2003	aba	2549
1,3,5-Trimethylbenzene	<27	ug/kg	25	SW 8260B	10/03/2003	aba	2549
Vinyl Chloride	<38	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Xylenes, Total	<38	ug/kg	35	SW 8260B	10/03/2003	aba	2549
Surr: Dibromofluoromethane	96	%	88-108	SW 8260B	10/03/2003	aba	2549
Surr: Toluene-d8	100	%	87-106	SW 8260B	10/03/2003	aba	2549
Surr: Bromofluorobenzene	100	%	93-109	SW 8260B	10/03/2003	aba	2549

ANALYTICAL REPORT

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

10/06/2003
Job No: 03.08956
Sample No: 541105
Account No: 39150
Page 11 of 22

JOB DESCRIPTION: 4169.002.05 Sta-Rite
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: Sump E 26'
Rec'd at 4 degrees C

Date/Time Taken: 09/16/2003 15:30 Date Received: 09/18/2003

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Solids, Total	92.9	%	n/a	SW 5035	09/29/2003	krw	5314
VOC - METHANOL - 8260B							
Benzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Bromobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Bromochloromethane	<38	ug/kg	35	SW 8260B	10/02/2003	aba	2547
Bromodichloromethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Bromoform	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Bromomethane	<108	ug/kg	100	SW 8260B	10/02/2003	aba	2547
n-Butylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
sec-Butylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
tert-Butylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Carbon Tetrachloride	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Chlorobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Chlorodibromomethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Chloroethane	<54	ug/kg	50	SW 8260B	10/02/2003	aba	2547
Chloroform	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Chloromethane	<54	ug/kg	50	SW 8260B	10/02/2003	aba	2547
2-Chlorotoluene	<54	ug/kg	50	SW 8260B	10/02/2003	aba	2547
4-Chlorotoluene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2-Dibromo-3-Chloropropane	<54	ug/kg	50	SW 8260B	10/02/2003	aba	2547
1,2-Dibromoethane (EDB)	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Dibromomethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2-Dichlorobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,3-Dichlorobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,4-Dichlorobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Dichlorodifluoromethane	<54	ug/kg	50	SW 8260B	10/02/2003	aba	2547
1,1-Dichloroethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2-Dichloroethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,1-Dichloroethene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
cis-1,2-Dichloroethene	32	ug/kg	25	SW 8260B	10/02/2003	aba	2547
trans-1,2-Dichloroethene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2-Dichloropropane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,3-Dichloropropane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
2,2-Dichloropropane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,1-Dichloropropene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
cis-1,3-Dichloropropene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
trans-1,3-Dichloropropene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Di-isopropyl ether	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Ethylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547

ANALYTICAL REPORT

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

10/06/2003
Job No: 03.08956
Sample No: 541105
Account No: 39150

JOB DESCRIPTION: 4169.002.05 Sta-Rite
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: Sump E 26'
Rec'd at 4 degrees C

Date/Time Taken: 09/16/2003 15:30 Date Received: 09/18/2003

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Hexachlorobutadiene	<38	ug/kg	35	SW 8260B	10/02/2003	aba	2547
Isopropylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
p-Isopropyltoluene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Methylene Chloride	<54	ug/kg	50	SW 8260B	10/02/2003	aba	2547
Methyl-t-butyl ether	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Naphthalene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
n-Propylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Styrene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,1,1,2-Tetrachloroethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,1,2,2-Tetrachloroethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Tetrachloroethene	377	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Toluene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2,3-Trichlorobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2,4-Trichlorobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,1,1-Trichloroethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,1,2-Trichloroethane	<38	ug/kg	35	SW 8260B	10/02/2003	aba	2547
Trichloroethene	66	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Trichlorofluoromethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2,3-Trichloropropane	<108	ug/kg	100	SW 8260B	10/02/2003	aba	2547
1,2,4-Trimethylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,3,5-Trimethylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Vinyl Chloride	<38	ug/kg	35	SW 8260B	10/02/2003	aba	2547
Xylenes, Total	<38	ug/kg	35	SW 8260B	10/02/2003	aba	2547
Surr: Dibromofluoromethane	96	%	88-108	SW 8260B	10/02/2003	aba	2547
Surr: Toluene-d8	97	%	87-106	SW 8260B	10/02/2003	aba	2547
Surr: Bromofluorobenzene	99	%	93-109	SW 8260B	10/02/2003	aba	2547

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

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

10/06/2003
Job No: 03.08956
Sample No: 541106
Account No: 39150

JOB DESCRIPTION: 4169.002.05 Sta-Rite
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: Sump E 28'
Rec'd at 4 degrees C

Date/Time Taken: 09/16/2003 15:35 Date Received: 09/18/2003

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Solids, Total	93.0	%	n/a	SW 5035	09/29/2003	krw	5314
VOC - METHANOL - 8260B							
Benzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Bromobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Bromochloromethane	<38	ug/kg	35	SW 8260B	10/02/2003	aba	2547
Bromodichloromethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Bromoform	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Bromomethane	<108	ug/kg	100	SW 8260B	10/02/2003	aba	2547
n-Butylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
sec-Butylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
tert-Butylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Carbon Tetrachloride	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Chlorobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Chlorodibromomethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Chloroethane	<54	ug/kg	50	SW 8260B	10/02/2003	aba	2547
Chloroform	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Chloromethane	<54	ug/kg	50	SW 8260B	10/02/2003	aba	2547
2-Chlorotoluene	<54	ug/kg	50	SW 8260B	10/02/2003	aba	2547
4-Chlorotoluene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2-Dibromo-3-Chloropropane	<54	ug/kg	50	SW 8260B	10/02/2003	aba	2547
1,2-Dibromoethane (EDB)	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Dibromomethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2-Dichlorobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,3-Dichlorobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,4-Dichlorobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Dichlorodifluoromethane	<54	ug/kg	50	SW 8260B	10/02/2003	aba	2547
1,1-Dichloroethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2-Dichloroethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,1-Dichloroethene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
cis-1,2-Dichloroethene	108	ug/kg	25	SW 8260B	10/02/2003	aba	2547
trans-1,2-Dichloroethene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2-Dichloropropane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,3-Dichloropropane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
2,2-Dichloropropane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,1-Dichloropropene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
cis-1,3-Dichloropropene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
trans-1,3-Dichloropropene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Di-isopropyl ether	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Ethylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547

ANALYTICAL REPORT

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

10/06/2003
Job No: 03.08956
Sample No: 541106
Account No: 39150

JOB DESCRIPTION: 4169.002.05 Sta-Rite
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: Sump E 28'
Rec'd at 4 degrees C

Date/Time Taken: 09/16/2003 15:35 Date Received: 09/18/2003

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Hexachlorobutadiene	<38	ug/kg	35	SW 8260B	10/02/2003	aba	2547
Isopropylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
p-Isopropyltoluene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Methylene Chloride	<54	ug/kg	50	SW 8260B	10/02/2003	aba	2547
Methyl-t-butyl ether	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Naphthalene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
n-Propylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Styrene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,1,1,2-Tetrachloroethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,1,2,2-Tetrachloroethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Tetrachloroethene	785	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Toluene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2,3-Trichlorobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2,4-Trichlorobenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,1,1-Trichloroethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,1,2-Trichloroethane	<38	ug/kg	35	SW 8260B	10/02/2003	aba	2547
Trichloroethene	118	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Trichlorofluoromethane	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,2,3-Trichloropropane	<108	ug/kg	100	SW 8260B	10/02/2003	aba	2547
1,2,4-Trimethylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
1,3,5-Trimethylbenzene	<27	ug/kg	25	SW 8260B	10/02/2003	aba	2547
Vinyl Chloride	<38	ug/kg	35	SW 8260B	10/02/2003	aba	2547
Xylenes, Total	<38	ug/kg	35	SW 8260B	10/02/2003	aba	2547
Surr: Dibromofluoromethane	98	%	88-108	SW 8260B	10/02/2003	aba	2547
Surr: Toluene-d8	97	%	87-106	SW 8260B	10/02/2003	aba	2547
Surr: Bromofluorobenzene	102	%	93-109	SW 8260B	10/02/2003	aba	2547

TestAmerica
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WDNR No. 128053530
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QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

10/06/2003

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

Job No: 03.08956
Account No: 39150

Job Description: 4169.002.05 Sta-Rite

Parameter	Run Batch	True Value	Observed Value	Percent Recovery	Control Limits
VOC - METHANOL - 8260B					
Benzene	2547	50.0	50.8	102	85 - 115
Bromoform	2547	50.0	51.4	103	
Chlorobenzene	2547	50.0	48.2	96	85 - 115
Chloroform	2547	50.0	50.1	100	80 - 120
Chloromethane	2547	50.0	45.2	90	
1,1-Dichloroethane	2547	50.0	47.7	95	
1,1-Dichloroethene	2547	50.0	44.7	89	80 - 120
1,2-Dichloropropane	2547	50.0	47.9	96	80 - 120
Di-isopropyl ether	2547	50.0	52.3	105	
Ethylbenzene	2547	50.0	49.1	98	80 - 120
Methyl-t-butyl ether	2547	50.0	51.3	103	80 - 120
1,1,2,2-Tetrachloroethane	2547	50.0	45.3	91	
Toluene	2547	50.0	47.9	96	80 - 120
Trichloroethene	2547	50.0	48.6	97	
1,2,4-Trimethylbenzene	2547	50.0	40.5	81	
1,3,5-Trimethylbenzene	2547	50.0	43.4	87	
Vinyl Chloride	2547	50.0	49.8	100	80 - 120
Xylenes, Total	2547	150	143	95	
Surr: Dibromofluoromethane	2547	50.0	49.9	100	87 - 111
Surr: Toluene-d8	2547	50.0	48.7	97	88 - 110
Surr: Bromofluorobenzene	2547	50.0	49.4	99	90 - 108
VOC - METHANOL - 8260B					
Benzene	2549	50.0	50.7	101	85 - 115
Bromoform	2549	50.0	55.7	111	
Chlorobenzene	2549	50.0	49.0	98	85 - 115
Chloroform	2549	50.0	47.4	95	80 - 120
Chloromethane	2549	50.0	50.9	102	
1,1-Dichloroethane	2549	50.0	45.9	92	
1,1-Dichloroethene	2549	50.0	45.0	90	80 - 120
1,2-Dichloropropane	2549	50.0	48.6	97	80 - 120
Di-isopropyl ether	2549	50.0	55.1	110	
Ethylbenzene	2549	50.0	50.4	101	80 - 120
Methyl-t-butyl ether	2549	50.0	55.6	111	80 - 120
1,1,2,2-Tetrachloroethane	2549	50.0	53.5	107	
Toluene	2549	50.0	49.3	99	80 - 120
Trichloroethene	2549	50.0	48.2	96	
1,2,4-Trimethylbenzene	2549	50.0	45.9	92	
1,3,5-Trimethylbenzene	2549	50.0	46.7	93	
Vinyl Chloride	2549	50.0	51.5	103	80 - 120
Xylenes, Total	2549	150	146	97	
Surr: Dibromofluoromethane	2549	50.0	47.1	94	87 - 111

QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

10/06/2003

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

Job No: 03.08956
Account No: 39150

Job Description: 4169.002.05 Sta-Rite

Parameter	Run Batch	True Value	Observed Value	Percent Recovery	Control Limits
Surr: Toluene-d8	2549	50.0	49.8	100	88 - 110
Surr: Bromofluorobenzene	2549	50.0	49.3	99	90 - 108

QUALITY CONTROL REPORT
BLANKS

10/06/2003

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

Job No: 03.08956
Account No: 39150

Job Description: 4169.002.05 Sta-Rite

Parameter	Prep Batch	Run Batch	Blank Result	Reporting Limit	Units
VOC - METHANOL - 8260B					
Benzene		2547	<25	25	ug/kg
Bromobenzene		2547	<25	25	ug/kg
Bromochloromethane		2547	<35	35	ug/kg
Bromodichloromethane		2547	<25	25	ug/kg
Bromoform		2547	<25	25	ug/kg
Bromomethane		2547	<100	100	ug/kg
n-Butylbenzene		2547	<25	25	ug/kg
sec-Butylbenzene		2547	<25	25	ug/kg
tert-Butylbenzene		2547	<25	25	ug/kg
arbon Tetrachloride		2547	<25	25	ug/kg
Chlorobenzene		2547	<25	25	ug/kg
Chlorodibromomethane		2547	<25	25	ug/kg
Chloroethane		2547	<50	50	ug/kg
Chloroform		2547	<25	25	ug/kg
Chloromethane		2547	<50	50	ug/kg
2-Chlorotoluene		2547	<50	50	ug/kg
4-Chlorotoluene		2547	<25	25	ug/kg
1,2-Dibromo-3-Chloropropane		2547	<50	50	ug/kg
1,2-Dibromoethane (EDB)		2547	<25	25	ug/kg
Dibromomethane		2547	<25	25	ug/kg
1,2-Dichlorobenzene		2547	<25	25	ug/kg
1,3-Dichlorobenzene		2547	<25	25	ug/kg
1,4-Dichlorobenzene		2547	<25	25	ug/kg
Dichlorodifluoromethane		2547	<50	50	ug/kg
1,1-Dichloroethane		2547	<25	25	ug/kg
1,2-Dichloroethane		2547	<25	25	ug/kg
1,1-Dichloroethene		2547	<25	25	ug/kg
cis-1,2-Dichloroethene		2547	<25	25	ug/kg
trans-1,2-Dichloroethene		2547	<25	25	ug/kg
1,2-Dichloropropane		2547	<25	25	ug/kg
1,3-Dichloropropane		2547	<25	25	ug/kg
2,2-Dichloropropane		2547	<25	25	ug/kg
1,1-Dichloropropene		2547	<25	25	ug/kg
cis-1,3-Dichloropropene		2547	<25	25	ug/kg
trans-1,3-Dichloropropene		2547	<25	25	ug/kg
Di-isopropyl ether		2547	<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

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ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
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QUALITY CONTROL REPORT
BLANKS

10/06/2003

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

Job No: 03.08956
Account No: 39150

Job Description: 4169.002.05 Sta-Rite

Parameter	Prep Batch	Run Batch	Blank Result	Reporting Limit	Units
Ethylbenzene		2547	<25	25	ug/kg
Hexachlorobutadiene		2547	<35	35	ug/kg
Isopropylbenzene		2547	<25	25	ug/kg
p-Isopropyltoluene		2547	<25	25	ug/kg
Methylene Chloride		2547	<50	50	ug/kg
Methyl-t-butyl ether		2547	<25	25	ug/kg
Naphthalene		2547	<25	25	ug/kg
n-Propylbenzene		2547	<25	25	ug/kg
Styrene		2547	<25	25	ug/kg
1,1,1,2-Tetrachloroethane		2547	<25	25	ug/kg
,1,2,2-Tetrachloroethane		2547	<25	25	ug/kg
Tetrachloroethene		2547	<25	25	ug/kg
Toluene		2547	<25	25	ug/kg
1,2,3-Trichlorobenzene		2547	<25	25	ug/kg
1,2,4-Trichlorobenzene		2547	<25	25	ug/kg
1,1,1-Trichloroethane		2547	<35	35	ug/kg
1,1,2-Trichloroethane		2547	<25	25	ug/kg
Trichloroethene		2547	<25	25	ug/kg
Trichlorofluoromethane		2547	<100	100	ug/kg
1,2,3-Trichloropropane		2547	<25	25	ug/kg
1,2,4-Trimethylbenzene		2547	<25	25	ug/kg
1,3,5-Trimethylbenzene		2547	<35	35	ug/kg
Vinyl Chloride		2547	<35	35	ug/kg
Xylenes, Total		2547	94.6	88-108	%
Surr: Dibromofluoromethane		2547	99.0	87-106	%
Surr: Toluene-d8		2547	100.8	93-109	%
Surr: Bromofluorobenzene					
VOC - METHANOL - 8260B					
Benzene		2549	<25	25	ug/kg
Bromobenzene		2549	<25	25	ug/kg
Bromochloromethane		2549	<35	35	ug/kg
Bromodichloromethane		2549	<25	25	ug/kg
Bromoform		2549	<25	25	ug/kg
Bromomethane		2549	<100	100	ug/kg
n-Butylbenzene		2549	<25	25	ug/kg
sec-Butylbenzene		2549	<25	25	ug/kg
tert-Butylbenzene		2549	<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

TestAmerica
ANALYTICAL TESTING CORPORATION
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QUALITY CONTROL REPORT

BLANKS

10/06/2003

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

Job No: 03.08956
Account No: 39150

Job Description: 4169.002.05 Sta-Rite

Parameter	Prep Batch	Run Batch	Blank Result	Reporting Limit	Units
Carbon Tetrachloride		2549	<25	25	ug/kg
Chlorobenzene		2549	<25	25	ug/kg
Chlorodibromomethane		2549	<25	25	ug/kg
Chloroethane		2549	<50	50	ug/kg
Chloroform		2549	<25	25	ug/kg
Chloromethane		2549	<50	50	ug/kg
2-Chlorotoluene		2549	<50	50	ug/kg
4-Chlorotoluene		2549	<25	25	ug/kg
1,2-Dibromo-3-Chloropropane		2549	<50	50	ug/kg
1,2-Dibromoethane (EDB)		2549	<25	25	ug/kg
ibromomethane		2549	<25	25	ug/kg
,2-Dichlorobenzene		2549	<25	25	ug/kg
1,3-Dichlorobenzene		2549	<25	25	ug/kg
1,4-Dichlorobenzene		2549	<25	25	ug/kg
Dichlorodifluoromethane		2549	<50	50	ug/kg
1,1-Dichloroethane		2549	<25	25	ug/kg
1,2-Dichloroethane		2549	<25	25	ug/kg
1,1-Dichloroethene		2549	<25	25	ug/kg
cis-1,2-Dichloroethene		2549	<25	25	ug/kg
trans-1,2-Dichloroethene		2549	<25	25	ug/kg
1,2-Dichloropropane		2549	<25	25	ug/kg
1,3-Dichloropropane		2549	<25	25	ug/kg
2,2-Dichloropropane		2549	<25	25	ug/kg
1,1-Dichloropropene		2549	<25	25	ug/kg
cis-1,3-Dichloropropene		2549	<25	25	ug/kg
trans-1,3-Dichloropropene		2549	<25	25	ug/kg
Di-isopropyl ether		2549	<25	25	ug/kg
Ethylbenzene		2549	<25	25	ug/kg
Hexachlorobutadiene		2549	<35	35	ug/kg
Isopropylbenzene		2549	<25	25	ug/kg
p-Isopropyltoluene		2549	<25	25	ug/kg
Methylene Chloride		2549	<50	50	ug/kg
Methyl-t-butyl ether		2549	<25	25	ug/kg
Naphthalene		2549	<25	25	ug/kg
n-Propylbenzene		2549	<25	25	ug/kg
Styrene		2549	<25	25	ug/kg
1,1,1,2-Tetrachloroethane		2549	<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

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QUALITY CONTROL REPORT

BLANKS

10/06/2003

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

Job No: 03.08956
Account No: 39150

Job Description: 4169.002.05 Sta-Rite

Parameter	Prep Batch	Run Batch	Blank Result	Reporting Limit	Units
1,1,2,2-Tetrachloroethane		2549	<25	25	ug/kg
Tetrachloroethene		2549	<25	25	ug/kg
Toluene		2549	<25	25	ug/kg
1,2,3-Trichlorobenzene		2549	<25	25	ug/kg
1,2,4-Trichlorobenzene		2549	<25	25	ug/kg
1,1,1-Trichloroethane		2549	<25	25	ug/kg
1,1,2-Trichloroethane		2549	<35	35	ug/kg
Trichloroethene		2549	<25	25	ug/kg
Trichlorofluoromethane		2549	<25	25	ug/kg
1,2,3-Trichloropropane		2549	<100	100	ug/kg
,2,4-Trimethylbenzene		2549	<25	25	ug/kg
1,3,5-Trimethylbenzene		2549	<25	25	ug/kg
Vinyl Chloride		2549	<35	35	ug/kg
Xylenes, Total		2549	<35	35	ug/kg
Surr: Dibromofluoromethane		2549	94.0	88-108	%
Surr: Toluene-d8		2549	96.8	87-106	%
Surr: Bromofluorobenzene		2549	100.8	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

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QUALITY CONTROL REPORT
LABORATORY CONTROL STANDARD

10/06/2003

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

Job No: 03.08956
Account No: 39150

Job Description: 4169.002.05 Sta-Rite

Analyte	Prep Batch Number	Run Batch Number	LCS Amount	Units	LCS Result	LCSD Result	LCS Percent Recovery	LCSD Percent Recovery	Control Limits	Relative Percent Difference
VOC - METHANOL - 8260B										
Benzene		2547	50.0	ug/kg	50.1	49.6	100	99	64 - 124	1.0
Chlorobenzene		2547	50.0	ug/kg	48.2	48.1	96	96	80 - 123	0.2
1,1-Dichloroethene		2547	50.0	ug/kg	49.1	51.4	98	103	43 - 141	4.6
Ethylbenzene		2547	50.0	ug/kg	49.5	50.5	99	101	79 - 122	2.0
Methyl-t-butyl ether		2547	50.0	ug/kg	51.7	50.9	103	102	55 - 137	1.6
Toluene		2547	50.0	ug/kg	47.9	48.5	96	97	78 - 120	1.2
Trichloroethene		2547	50.0	ug/kg	48.6	48.7	97	97	78 - 124	0.2
1,2,4-Trimethylbenzene		2547	50.0	ug/kg	44.1	45.1	88	90	75 - 128	2.2
1,3,5-Trimethylbenzene		2547	50.0	ug/kg	45.7	46.9	91	94	76 - 127	2.6
Xylenes, Total		2547	150	ug/kg	142.7	143.4	95	96	79 - 122	0.5
Surr: Dibromofluoromethane		2547	50.0	ug/L	49.5	49.6	99	99	87 - 111	0.2
Surr: Toluene-d8		2547	50.0	ug/L	49.4	49.9	99	100	88 - 110	1.0
Surr: Bromofluorobenzene		2547	50.0	ug/L	49.8	49.7	100	99	90 - 108	0.2
VOC - METHANOL - 8260B										
Benzene		2549	50.0	ug/kg	47.8	53.3	96	107	64 - 124	11
Chlorobenzene		2549	50.0	ug/kg	46.9	49.2	94	98	80 - 123	4.8
1,1-Dichloroethene		2549	50.0	ug/kg	43.0	45.4	86	91	43 - 141	5.4
Ethylbenzene		2549	50.0	ug/kg	49.0	49.9	98	100	79 - 122	1.8
Methyl-t-butyl ether		2549	50.0	ug/kg	53.1	55.9	106	112	55 - 137	5.1
Toluene		2549	50.0	ug/kg	47.5	49.2	95	98	78 - 120	3.5
Trichloroethene		2549	50.0	ug/kg	46.4	49.4	93	99	78 - 124	6.3
1,2,4-Trimethylbenzene		2549	50.0	ug/kg	45.4	47.0	91	94	75 - 128	3.5
1,3,5-Trimethylbenzene		2549	50.0	ug/kg	46.2	48.0	92	96	76 - 127	3.8
Xylenes, Total		2549	150	ug/kg	142	149	95	99	79 - 122	4.8
Surr: Dibromofluoromethane		2549	50.0	ug/L	48.4	49.4	97	99	87 - 111	2.0
Surr: Toluene-d8		2549	50.0	ug/L	50.2	48.6	100	97	88 - 110	3.2
Surr: Bromofluorobenzene		2549	50.0	ug/L	49.6	48.5	99	97	90 - 108	2.2

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ANALYTICAL TESTING CORPORATION

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QUALITY CONTROL REPORT
DUPLICATES

10/06/2003

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

Job No: 03.08956
Account No: 39150

Job Description: 4169.002.05 Sta-Rite

Parameter	Prep Batch Number	Run Batch Number	Sample Value	Duplicate Value	Units	RPD	Control Limit
Solids, Total		5314	88.9	88.9	%	0.0	
Solids, Total		5314	88.3	89.7	%	1.6	

TestAmerica INCORPORATED

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or [illegible]33-7036
Fax 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: GeoTrans, Inc. Client #: _____
Address: 175 N. Corporate Dr.
City/State/Zip Code: Brookfield, WI 53045
Project Manager: Mark Manthey
Telephone Number: 262-792-1282 Fax: 262-792-1310
Sampler Name: (Print Name) Kathryn Schoephoester
Sampler Signature: Kathryn Schoephoester

Project Name: Sta-Rite Delavan
Project #: 4169.002.05
Site/Location ID: Delavan State: WI
Report To: Mark Manthey
Invoice To: ~~Copy Same~~ / Sta-Rite Industries Attn: Jon Raymond
Quote #: Mark Manthey PO#:

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOCs	Dry Wt.	REMARKS
Sump E-16'	9-16-03	1445	G		S					1	1		X	X	27g.
Sump E-20'		1450	G		S					1	1		X	X	28g
Sump E-20'-Dup		1455	G		S					1	1		X	X	27g
Sump E-24'		1525	G		S					1	1		X	X	27g
Sump E-26'		1530	G		S					1	1		X	X	29g
Sump E-28'	↓	1535	G		S					1	1		X	X	27g

Special Instructions: Invoice to Sta-Rite Industries Attention Jon Raymond
Send copy of Invoice to Mark Manthey - GeoTrans.

LABORATORY COMMENTS:
Init Lab Temp: 4
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

	Date:	Time:		Date:	Time:
Relinquished By: Kathryn Schoephoester	9-17-03	1700	Received By:	9-18-03	900
Relinquished By:	9/18	1420	Received By:	1	
Relinquished By:	Date:	Time:	Received By:	9/18	1531

CG 9/20

TestAmerica
ANALYTICAL TESTING CORPORATION

MASTERFILE COPY
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ANALYTICAL REPORT

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MSI GeoTrans
Milwaukee

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

01/06/2004

Job No: 03.12529

The following samples were received by TestAmerica for analysis:

4169.002 Sta-Rite Delavan

Sample Number	Sample Description	Date Taken	Date Received
554114	SB-Sump E-16	12/22/2003	12/23/2003
554115	SB-Sump E-20	12/22/2003	12/23/2003

Soil results reported
on a dry weight basis.

Brian D. DeJong
Organic Operations Manager

GEOTRANS, INC.
Job No: 03.12529

01/06/2004

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

01/06/2004
Job No: 03.12529
Sample No: 554114
Account No: 39150

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: SB-Sump E-16
Rec'd at 4 degrees C

Date/Time Taken: 12/22/2003 10:20 Date Received: 12/23/2003

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Solids, Total	92.4	%	n/a	SW 5035	12/30/2003	eml	5444
VOC - METHANOL - 8260B							
Benzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Bromobenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Bromochloromethane	<38	ug/kg	35	SW 8260B	01/05/2004	aba	2692
Bromodichloromethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Bromoform	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Bromomethane	<108	ug/kg	100	SW 8260B	01/05/2004	aba	2692
n-Butylbenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
sec-Butylbenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
tert-Butylbenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Carbon Tetrachloride	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Chlorobenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Chlorodibromomethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Chloroethane	<54	ug/kg	50	SW 8260B	01/05/2004	aba	2692
Chloroform	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Chloromethane	<54	ug/kg	50	SW 8260B	01/05/2004	aba	2692
2-Chlorotoluene	<54	ug/kg	50	SW 8260B	01/05/2004	aba	2692
4-Chlorotoluene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2-Dibromo-3-Chloropropane	<54	ug/kg	50	SW 8260B	01/05/2004	aba	2692
1,2-Dibromoethane (EDB)	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Dibromomethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2-Dichlorobenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,3-Dichlorobenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,4-Dichlorobenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Dichlorodifluoromethane	<54	ug/kg	50	SW 8260B	01/05/2004	aba	2692
1,1-Dichloroethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2-Dichloroethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,1-Dichloroethene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
cis-1,2-Dichloroethene	227	ug/kg	25	SW 8260B	01/05/2004	aba	2692
trans-1,2-Dichloroethene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2-Dichloropropane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,3-Dichloropropane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
2,2-Dichloropropane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,1-Dichloropropene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
cis-1,3-Dichloropropene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
trans-1,3-Dichloropropene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Di-isopropyl ether	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Ethylbenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

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

01/06/2004
Job No: 03.12529
Sample No: 554114
Account No: 39150

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: SB-Sump E-16
Rec'd at 4 degrees C

Date/Time Taken: 12/22/2003 10:20 Date Received: 12/23/2003

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Hexachlorobutadiene		<38	ug/kg	35	SW 8260B	01/05/2004	aba	2692
Isopropylbenzene		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
p-Isopropyltoluene		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Methylene Chloride		<54	ug/kg	50	SW 8260B	01/05/2004	aba	2692
Methyl-t-butyl ether		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Naphthalene		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
n-Propylbenzene		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Styrene		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,1,1,2-Tetrachloroethane		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,1,2,2-Tetrachloroethane		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Tetrachloroethene		195	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Toluene		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2,3-Trichlorobenzene		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2,4-Trichlorobenzene		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,1,1-Trichloroethane		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,1,2-Trichloroethane		<38	ug/kg	35	SW 8260B	01/05/2004	aba	2692
Trichloroethene		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Trichlorofluoromethane		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2,3-Trichloropropane		<108	ug/kg	100	SW 8260B	01/05/2004	aba	2692
1,2,4-Trimethylbenzene		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,3,5-Trimethylbenzene		<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Vinyl Chloride		<38	ug/kg	35	SW 8260B	01/05/2004	aba	2692
Xylenes, Total		<38	ug/kg	35	SW 8260B	01/05/2004	aba	2692
Surr: Dibromofluoromethane		96	%	88-108	SW 8260B	01/05/2004	aba	2692
Surr: Toluene-d8		102	%	87-106	SW 8260B	01/05/2004	aba	2692
Surr: Bromofluorobenzene	C	110	%	93-109	SW 8260B	01/05/2004	aba	2692

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ANALYTICAL REPORT

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

01/06/2004
Job No: 03.12529
Sample No: 554115
Account No: 39150
Page 5 of 11

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: SB-Sump E-20
Rec'd at 4 degrees C

Date/Time Taken: 12/22/2003 10:45 Date Received: 12/23/2003

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Solids, Total	91.8	%	n/a	SW 5035	12/30/2003	eml	5444
VOC - METHANOL - 8260B							
Benzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Bromobenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Bromochloromethane	<38	ug/kg	35	SW 8260B	01/05/2004	aba	2692
Bromodichloromethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Bromoform	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Bromomethane	<109	ug/kg	100	SW 8260B	01/05/2004	aba	2692
n-Butylbenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
sec-Butylbenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
tert-Butylbenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Carbon Tetrachloride	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Chlorobenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Chlorodibromomethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Chloroethane	<54	ug/kg	50	SW 8260B	01/05/2004	aba	2692
Chloroform	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Chloromethane	<54	ug/kg	50	SW 8260B	01/05/2004	aba	2692
2-Chlorotoluene	<54	ug/kg	50	SW 8260B	01/05/2004	aba	2692
4-Chlorotoluene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2-Dibromo-3-Chloropropane	<54	ug/kg	50	SW 8260B	01/05/2004	aba	2692
1,2-Dibromoethane (EDB)	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Dibromomethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2-Dichlorobenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,3-Dichlorobenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,4-Dichlorobenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Dichlorodifluoromethane	<54	ug/kg	50	SW 8260B	01/05/2004	aba	2692
1,1-Dichloroethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2-Dichloroethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,1-Dichloroethene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
cis-1,2-Dichloroethene	100	ug/kg	25	SW 8260B	01/05/2004	aba	2692
trans-1,2-Dichloroethene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2-Dichloropropane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,3-Dichloropropane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
2,2-Dichloropropane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,1-Dichloropropene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
cis-1,3-Dichloropropene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
trans-1,3-Dichloropropene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Di-isopropyl ether	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Ethylbenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692

ANALYTICAL REPORT

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

01/06/2004
Job No: 03.12529
Sample No: 554115
Account No: 39150

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: SB-Sump E-20
Rec'd at 4 degrees C

Date/Time Taken: 12/22/2003 10:45 Date Received: 12/23/2003

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Analyst	Prep/Run Batch
Hexachlorobutadiene	<38	ug/kg	35	SW 8260B	01/05/2004	aba	2692
Isopropylbenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
p-Isopropyltoluene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Methylene Chloride	<54	ug/kg	50	SW 8260B	01/05/2004	aba	2692
Methyl-t-butyl ether	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Naphthalene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
n-Propylbenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Styrene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,1,1,2-Tetrachloroethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,1,2,2-Tetrachloroethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Tetrachloroethene	436	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Toluene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2,3-Trichlorobenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2,4-Trichlorobenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,1,1-Trichloroethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,1,2-Trichloroethane	<38	ug/kg	35	SW 8260B	01/05/2004	aba	2692
Trichloroethene	39	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Trichlorofluoromethane	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,2,3-Trichloropropane	<109	ug/kg	100	SW 8260B	01/05/2004	aba	2692
1,2,4-Trimethylbenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
1,3,5-Trimethylbenzene	<27	ug/kg	25	SW 8260B	01/05/2004	aba	2692
Vinyl Chloride	<38	ug/kg	35	SW 8260B	01/05/2004	aba	2692
Xylenes, Total	<38	ug/kg	35	SW 8260B	01/05/2004	aba	2692
Surr: Dibromofluoromethane	96	%	88-108	SW 8260B	01/05/2004	aba	2692
Surr: Toluene-d8	98	%	87-106	SW 8260B	01/05/2004	aba	2692
Surr: Bromofluorobenzene	99	%	93-109	SW 8260B	01/05/2004	aba	2692

QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

01/06/2004

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

Job No: 03.12529
Account No: 39150

Job Description: 4169.002 Sta-Rite Delavan

Parameter	Run Batch	True Value	Observed Value	Percent Recovery	Control Limits
VOC - METHANOL - 8260B					
Benzene	2692	50.0	49.2	98	85 - 115
Bromoform	2692	50.0	58.6	117	
Chlorobenzene	2692	50.0	49.8	100	85 - 115
Chloroform	2692	50.0	49.0	98	80 - 120
Chloromethane	2692	50.0	50.9	102	
1,1-Dichloroethane	2692	50.0	46.6	93	
1,1-Dichloroethene	2692	50.0	49.1	98	80 - 120
1,2-Dichloropropane	2692	50.0	49.2	98	80 - 120
Di-isopropyl ether	2692	50.0	52.0	104	
Ethylbenzene	2692	50.0	50.0	100	80 - 120
Methyl-t-butyl ether	2692	50.0	51.7	103	80 - 120
1,1,2,2-Tetrachloroethane	2692	50.0	54.4	109	
Toluene	2692	50.0	49.5	99	80 - 120
Trichloroethene	2692	50.0	49.2	98	
1,2,4-Trimethylbenzene	2692	50.0	51.9	104	
1,3,5-Trimethylbenzene	2692	50.0	52.2	104	
Vinyl Chloride	2692	50.0	50.5	101	80 - 120
Xylenes, Total	2692	150	152	101	
Surr: Dibromofluoromethane	2692	50.0	49.5	99	87 - 111
Surr: Toluene-d8	2692	50.0	51.3	103	88 - 110
Surr: Bromofluorobenzene	2692	50.0	51.4	103	90 - 108

QUALITY CONTROL REPORT

BLANKS

01/06/2004

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

Job No: 03.12529
Account No: 39150

Job Description: 4169.002 Sta-Rite Delavan

Parameter	Prep Batch	Run Batch	Blank Result	Reporting Limit	Units
VOC - METHANOL - 8260B					
Benzene		2692	<25	25	ug/kg
Bromobenzene		2692	<25	25	ug/kg
Bromochloromethane		2692	<35	35	ug/kg
Bromodichloromethane		2692	<25	25	ug/kg
Bromoform		2692	<25	25	ug/kg
Bromomethane		2692	<100	100	ug/kg
n-Butylbenzene		2692	<25	25	ug/kg
sec-Butylbenzene		2692	<25	25	ug/kg
tert-Butylbenzene		2692	<25	25	ug/kg
Carbon Tetrachloride		2692	<25	25	ug/kg
Chlorobenzene		2692	<25	25	ug/kg
Chlorodibromomethane		2692	<25	25	ug/kg
Chloroethane		2692	<50	50	ug/kg
Chloroform		2692	<25	25	ug/kg
Chloromethane		2692	<50	50	ug/kg
2-Chlorotoluene		2692	<50	50	ug/kg
4-Chlorotoluene		2692	<25	25	ug/kg
1,2-Dibromo-3-Chloropropane		2692	<50	50	ug/kg
1,2-Dibromoethane (EDB)		2692	<25	25	ug/kg
Dibromomethane		2692	<25	25	ug/kg
1,2-Dichlorobenzene		2692	<25	25	ug/kg
1,3-Dichlorobenzene		2692	<25	25	ug/kg
1,4-Dichlorobenzene		2692	<25	25	ug/kg
Dichlorodifluoromethane		2692	<50	50	ug/kg
1,1-Dichloroethane		2692	<25	25	ug/kg
1,2-Dichloroethane		2692	<25	25	ug/kg
1,1-Dichloroethene		2692	<25	25	ug/kg
cis-1,2-Dichloroethene		2692	<25	25	ug/kg
trans-1,2-Dichloroethene		2692	<25	25	ug/kg
1,2-Dichloropropane		2692	<25	25	ug/kg
1,3-Dichloropropane		2692	<25	25	ug/kg
2,2-Dichloropropane		2692	<25	25	ug/kg
1,1-Dichloropropene		2692	<25	25	ug/kg
cis-1,3-Dichloropropene		2692	<25	25	ug/kg
trans-1,3-Dichloropropene		2692	<25	25	ug/kg
Di-isopropyl ether		2692	<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

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

QUALITY CONTROL REPORT

BLANKS

01/06/2004

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

Job No: 03.12529
Account No: 39150

Job Description: 4169.002 Sta-Rite Delavan

Parameter	Prep Batch	Run Batch	Blank Result	Reporting Limit	Units
Ethylbenzene		2692	<25	25	ug/kg
Hexachlorobutadiene		2692	<35	35	ug/kg
Isopropylbenzene		2692	<25	25	ug/kg
p-Isopropyltoluene		2692	<25	25	ug/kg
Methylene Chloride		2692	<50	50	ug/kg
Methyl-t-butyl ether		2692	<25	25	ug/kg
Naphthalene		2692	<25	25	ug/kg
n-Propylbenzene		2692	<25	25	ug/kg
Styrene		2692	<25	25	ug/kg
1,1,1,2-Tetrachloroethane		2692	<25	25	ug/kg
1,1,2,2-Tetrachloroethane		2692	<25	25	ug/kg
Tetrachloroethene		2692	<25	25	ug/kg
Toluene		2692	<25	25	ug/kg
1,2,3-Trichlorobenzene		2692	<25	25	ug/kg
1,2,4-Trichlorobenzene		2692	<25	25	ug/kg
1,1,1-Trichloroethane		2692	<25	25	ug/kg
1,1,2-Trichloroethane		2692	<35	35	ug/kg
Trichloroethene		2692	<25	25	ug/kg
Trichlorofluoromethane		2692	<25	25	ug/kg
1,2,3-Trichloropropane		2692	<100	100	ug/kg
1,2,4-Trimethylbenzene		2692	<25	25	ug/kg
1,3,5-Trimethylbenzene		2692	<25	25	ug/kg
Vinyl Chloride		2692	<35	35	ug/kg
Xylenes, Total		2692	<35	35	ug/kg
Surr: Dibromofluoromethane		2692	95.2	88-108	%
Surr: Toluene-d8		2692	100.0	87-106	%
Surr: Bromofluorobenzene		2692	100.4	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

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602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

QUALITY CONTROL REPORT
LABORATORY CONTROL STANDARD

01/06/2004

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

Job No: 03.12529
Account No: 39150

Job Description: 4169.002 Sta-Rite Delavan

Analyte	Prep Batch Number	Run Batch Number	LCS Amount	Units	LCS Result	LCSD Result	LCS Percent Recovery	LCSD Percent Recovery	Control Limits	Relative Percent Difference
VOC - METHANOL - 8260B										
Benzene		2692	50.0	ug/kg	45.4	47.2	91	94	64 - 124	3.9
Chlorobenzene		2692	50.0	ug/kg	46.4	46.5	93	93	80 - 123	0.2
1,1-Dichloroethene		2692	50.0	ug/kg	43.2	47.1	86	94	43 - 141	8.6
Ethylbenzene		2692	50.0	ug/kg	46.0	46.2	92	92	79 - 122	0.4
Methyl-t-butyl ether		2692	50.0	ug/kg	47.3	50.4	95	101	55 - 137	6.3
Toluene		2692	50.0	ug/kg	45.2	46.8	90	94	78 - 120	3.5
Trichloroethene		2692	50.0	ug/kg	44.1	47.4	88	95	78 - 124	7.2
1,2,4-Trimethylbenzene		2692	50.0	ug/kg	46.8	50.3	94	101	75 - 128	7.2
1,3,5-Trimethylbenzene		2692	50.0	ug/kg	46.9	50.0	94	100	76 - 127	6.4
Xylenes, Total		2692	150	ug/kg	141	144	94	96	79 - 122	2.1
Surr: Dibromofluoromethane		2692	50.0	ug/L	48.0	52.1	96	104	87 - 111	8.2
Surr: Toluene-d8		2692	50.0	ug/L	50.4	50.3	101	101	88 - 110	0.2
Surr: Bromofluorobenzene		2692	50.0	ug/L	50.8	50.5	102	101	90 - 108	0.6

TestAmerica
ANALYTICAL TESTING CORPORATION

WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

QUALITY CONTROL REPORT
DUPLICATES

01/06/2004

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

Job No: 03.12529
Account No: 39150

Job Description: 4169.002 Sta-Rite Delavan

Parameter	Prep Batch Number	Run Batch Number	Sample Value	Duplicate Value	Units	RPD	Control Limit
Solids, Total		5444	83.4	82.9	%	0.6	
Solids, Total		5444	88.1	90.2	%	2.4	

03, 12 321

TestAmerica INCORPORATED

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 8.. 333-7036
Fax 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring ________

Client Name: GeoTrans, Inc. Client #: ________

Address: 175 N. Corporate Dr.

City/State/Zip Code: Brookfield, WI 53045

Project Manager: Mark Manthey

Telephone Number: 262-792-1282 Fax: 262-792-1310

Sampler Name: (Print Name) Kathryn Schoephoester

Sampler Signature: Kathryn Schoephoester

Project Name: Sta-Rite

Project #: 4169.002

Site/Location ID: Delavan State: WI

Report To: Mark Manthey

Invoice To: ↓

Quote #: ________ PO#: ________

TAT
___ Standard
___ Rush (surcharges may apply)

Date Needed: ________

Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	VOCs	Dry Wt
SB-SumpE-16	12-22-03	10:20	G	N	S		2			1	1			
SB-SumpE-20	12-22-03	10:45	G	N	S		2			1	1			

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: ________

REMARKS

Special Instructions:

Relinquished By	Date	Time	Received By	Date	Time
Kathryn Schoephoester	12-22-03	1700	[signature]	12/23/03	855
[signature]	12/23	1410			
			[signature]	12/23	1430

LABORATORY COMMENTS:
Init Lab Temp: 4°
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

CG 12/24

APPENDIX C

SOIL VAPOR EXTRACTION SYSTEM ANALYTICAL RESULTS

NATLSCO
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LABORATORY ANALYSIS REPORT

LABORATORY, K-2

' Kemper Drive
Long Grove, IL 60049-0075
Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522

REPORT DATE FEB 19, 2003
SAMPLES REC'D FEB 12, 2003
REQUEST NUMBER 396952
PAGE NUMBER 1 OF 4

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS				ANALYZED DATE
22016779	.1 Liters	Anasorb CSC Tube				FEB 19, 2003
		micrograms		PPM		
		Front	Back	Front	Back	
	1,1,1 TRICHLOROETHANE (DE = 99%)	< 5.3	< 5.3	< 9.7	< 9.7	
	TRICHLOROETHYLENE (DE = 99%)	13	< 5.4	24	< 10	
	PERCHLOROETHYLENE (DE = 88%)	< 6.1	< 6.1	< 9.0	< 9.0	
	REST AS HEXANE (DE = 100%)	< 5.0	< 5.0	< 14	< 14	

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

NATLSCO
www.natlsco.com
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LABORATORY ANALYSIS REPORT

REPORT DATE FEB 19, 2003
SAMPLES REC'D FEB 12, 2003
REQUEST NUMBER 396952

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS	ANALYZED DATE
22016839		**Anasorb CSC Tube**	FEB 19, 2003
		micrograms Front Back	
	1,1,1 TRICHLOROETHANE (DE = 99%)(BLANK)	< 5.3 < 5.3 NONE DETECTED	
	TRICHLOROETHYLENE (DE = 99%)(BLANK)	< 5.4 < 5.4 NONE DETECTED	
	PERCHLOROETHYLENE (DE = 88%)(BLANK)	< 6.1 < 6.1 NONE DETECTED	
	REST AS HEXANE (DE = 100%)(BLANK)	< 5.0 < 5.0 NONE DETECTED	

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh/kc

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

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REPORT DATE FEB 19, 2003

SAMPLES REC'D FEB 12, 2003

REQUEST NUMBER 396952

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

LLD *	ANALYSIS REQUESTED	METHODOLOGY	CAS #
5.3	1,1,1 TRICHLOROETHANE CT2	OSHA 14 GAS CHROMATOGRAPHY	71-55-6
4.8	PERCHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	127-18-4
4	REST AS HEXANE CT2	OSHA 07 GAS CHROMATOGRAPHY	110-54-3
4.2	TRICHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	79-01-6

COMMENTS:

CONCENTRATION CALCULATED USING AIR VOLUMES SUPPLIED BY CLIENT
* LLD IS THE REPORTING LIMIT IN MICROGRAMS
* MODIFICATIONS MAY BE MADE TO ABOVE METHODS TO OPTIMIZE RESULTS
* UNLESS OTHERWISE NOTED, SAMPLES RECEIVED IN GOOD CONDITION
* RESULTS ARE STRICTLY LIMITED TO SAMPLES ANALYZED

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

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LABORATORY ANALYSIS REPORT

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REPORT DATE FEB 19, 2003
SAMPLES REC'D FEB 12, 2003
REQUEST NUMBER 396952
PAGE NUMBER 4 OF 4

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

	REQUEST LAB COMMENTS:	
		ASSUME SAMPLE # 22016688 ON PAPERWORK IS ACTUALLY #22016939 ON SAMPLE.

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

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ANALYSIS REQUEST

NATLSCO

LABORATORY, OAKWOOD
1 Kemper Drive Long Grove, IL 60049-0075 (847) 320-2488
Fax (847) 320-4331 Toll Free (888) 576-7522
www.natlsco.com

Name Jim Raymond
Firm Star-Lite Ind. Inc
Address 813 Wright Street
Delavan WI 53115
Phone No. 262-728-7216
Fax No. 262-728-7213
Email JRaymond@Starlite.Com

No. 396952

ASAP SERVICE REQUESTED
Advance Notification Required
Results Requested By __/__/__
Additional Charges Approved ____

FIELD NUMBER	SAMPLING VOLUME (Sampling times for diffusion monitors)	ANALYZE FOR --	LAB # (Internal Use Only)	COMMENTS
22016779	101 ml/min	Tetrachloroethylene		Sample Date
		CAS # 127-18-4		1/7/03
		Trichloroethylene		
		CAS # 79-01-06		180 min
		111 Trichloroethane		Sample
		CAS # [illegible]		
		71-55-06		
		Rest As Hexane		
22016688				
	Field Blank			

Billing Information/Comments:

Submission of samples constitutes acceptance of warranty policy printed in the current fee schedule.

B# [illegible]
F# [illegible]

Chain of Custody Signature:

Sampler	Shipper	Lab Log-in
Date	Date	Date
Time	Time	Time

☐ *Samples received in acceptable condition for analysis.*
☐ *Supplemental report attached documenting specific deficiencies.*

NATLSCO
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Kemper Drive
Long Grove, IL 60049-0075
Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522

LABORATORY ANALYSIS REPORT

REPORT DATE FEB 19, 2003
SAMPLES REC'D FEB 12, 2003
REQUEST NUMBER 396951

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS			ANALYZED DATE
22016772	.1 Liters	Anasorb CSC Tube			FEB 19, 2003
		micrograms		PPM	
		Front	Back	Front	Back
	1,1,1 TRICHLOROETHANE (DE = 99%)	< 5.3	< 5.3	< 9.7	< 9.7
	TRICHLOROETHYLENE (DE = 99%)	< 5.4	12	< 10	22
	PERCHLOROETHYLENE (DE = 88%)	< 6.1	< 6.1	< 9.0	< 9.0
	REST AS HEXANE (DE = 100%)	24	< 5.0	68	< 14

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

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LABORATORY ANALYSIS REPORT

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Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522

REPORT DATE FEB 19, 2003
SAMPLES REC'D FEB 12, 2003
REQUEST NUMBER 396951

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS	ANALYZED DATE
22016688		**Anasorb CSC Tube** micrograms Front / Back	FEB 19, 2003
	1,1,1 TRICHLOROETHANE (DE = 99%)(BLANK)	< 5.3 / < 5.3 NONE DETECTED	
	TRICHLOROETHYLENE (DE = 99%)(BLANK)	< 5.4 / < 5.4 NONE DETECTED	
	PERCHLOROETHYLENE (DE = 88%)(BLANK)	< 6.1 / < 6.1 NONE DETECTED	
	REST AS HEXANE (DE = 100%)(BLANK)	< 5.0 / < 5.0 NONE DETECTED	

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

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REPORT DATE FEB 19, 2003
SAMPLES REC'D FEB 12, 2003
REQUEST NUMBER 396951

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

LLD *	ANALYSIS REQUESTED	METHODOLOGY	CAS #
5.3	1,1,1 TRICHLOROETHANE CT2	OSHA 14 GAS CHROMATOGRAPHY	71-55-6
4.8	PERCHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	127-18-4
4	REST AS HEXANE CT2	OSHA 07 GAS CHROMATOGRAPHY	110-54-3
4.2	TRICHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	79-01-6

COMMENTS:

CONCENTRATION CALCULATED USING AIR VOLUMES SUPPLIED BY CLIENT
* LLD IS THE REPORTING LIMIT IN MICROGRAMS
* MODIFICATIONS MAY BE MADE TO ABOVE METHODS TO OPTIMIZE RESULTS
* UNLESS OTHERWISE NOTED, SAMPLES RECEIVED IN GOOD CONDITION
* RESULTS ARE STRICTLY LIMITED TO SAMPLES ANALYZED

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

ANALYSIS REQUEST

NATLSCO

LABORATORY, OAKWOOD
1 Kemper Drive Long Grove, IL 60049-0075 (847) 320-2488
Fax (847) 320-4331 Toll Free (888) 576-7522
www.natlsco.com

Name Jon Raymond
Firm Stantec Law Inc
Address 923 Wright Street
Delavan WI 53115

Phone No. 262-728-7216
Fax No. 262-728-7213
Email JRaymond@stantec.com

No. 396951

ASAP SERVICE REQUESTED
Advance Notification Required
Results Requested By 1/1
Additional Charges Approved

FIELD NUMBER	SAMPLING VOLUME (Sampling times for diffusion monitors)	ANALYZE FOR --	LAB # (Internal Use Only)	COMMENTS
220116772	201 ml/min	Tetrachloroethene		Sample date
		CAS # 127-18-4		2/5/03
		Trichloroethylene		
		CAS # 79-01-06		48 hour
				Sample
		111 Trichloroethane		
		CAS # 71-55-6		
		Rest-As Hexane		
220116683	Field			
	Blank			

Billing Information/Comments:

Submission of samples constitutes acceptance of warranty policy printed in the current fee schedule.

B# [redacted]
F# [redacted]

Chain of Custody Signature:

Sampler	Shipper	Lab Log-in
Date 2/5/03	Date	Date
Time	Time	Time

☐ *Samples received in acceptable condition for analysis.*
☐ *Supplemental report attached documenting specific deficiencies.*

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LABORATORY ANALYSIS REPORT

LABORATORY, K-2

Kemper Drive
Long Grove, IL 60049-0075
Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522

REPORT DATE MAR 14, 2003
SAMPLES REC'D MAR 10, 2003
REQUEST NUMBER 396953
PAGE NUMBER 1 OF 3

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS			ANALYZED DATE
22016816	**18.18 Liters**	**Anasorb CSC Tube**			**MAR 14, 2003**
		micrograms		PPM	
		Front	Back	Front	Back
	PERCHLOROETHYLENE (DE = 88%)	16	< 6.8	0.13	< 0.055
	TRICHLOROETHYLENE (DE = 99%)	100	< 5.1	1.0	< 0.052
	1,1,1 TRICHLOROETHANE (DE = 99%)	< 5.3	< 5.3	< 0.053	< 0.053
	REST AS HEXANE (DE = 100%)	8.5	< 4.8	0.13	< 0.074

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

NATLSCO
www.natlsco.com

LABORATORY ANALYSIS REPORT

LABORATORY, K-2

Kemper Drive
Long Grove, IL 60049-0075
Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522

REPORT DATE MAR 14, 2003
SAMPLES REC'D MAR 10, 2003
REQUEST NUMBER 396953

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS	ANALYZED DATE
22016798		**Anasorb CSC Tube**	MAR 14, 2003
		micrograms Front / Back	
	PERCHLOROETHYLENE (DE = 88%)(BLANK)	< 6.8 / < 6.8	
		NONE DETECTED	
	TRICHLOROETHYLENE (DE = 99%)(BLANK)	< 5.1 / < 5.1	
		NONE DETECTED	
	1,1,1 TRICHLOROETHANE (DE = 99%)(BLANK)	< 5.3 / < 5.3	
		NONE DETECTED	
	REST AS HEXANE (DE = 100%)(BLANK)	< 4.8 / < 4.8	
		NONE DETECTED	

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

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SAMPLES REC'D MAR 10, 2003
REQUEST NUMBER 396953

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

LLD *	ANALYSIS REQUESTED	METHODOLOGY	CAS #
5.3	1,1,1 TRICHLOROETHANE CT2	OSHA 14 GAS CHROMATOGRAPHY	71-55-6
4.8	PERCHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	127-18-4
4	REST AS HEXANE CT2	OSHA 07 GAS CHROMATOGRAPHY	110-54-3
4.2	TRICHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	79-01-6

COMMENTS:

CONCENTRATION CALCULATED USING AIR VOLUMES SUPPLIED BY CLIENT
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Respectfully submitted,

William M. Walsh

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LABORATORY ANALYSIS REPORT

LABORATORY, K-2

Kemper Drive
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Fax (847) 320-4331
Toll Free (888) 576-7522

REPORT DATE APR 22, 2003
SAMPLES REC'D APR 14, 2003
REQUEST NUMBER 396954

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS			ANALYZED DATE
22016683	18.18 Liters	Anasorb CSC Tube			APR 22, 2003
		micrograms		PPM	
		Front	Back	Front	Back
	1,1,1 TRICHLOROETHANE (DE = 99%)	< 5.3	< 5.3	< 0.053	< 0.053
	PERCHLOROETHYLENE (DE = 88%)	< 6.7	< 6.7	< 0.054	< 0.054
	TRICHLOROETHYLENE (DE = 99%)	16	< 5.3	0.16	< 0.054
	REST AS HEXANE (DE = 100%)	< 4.8	< 4.8	< 0.075	< 0.075

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

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LABORATORY ANALYSIS REPORT

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REPORT DATE APR 22, 2003
SAMPLES REC'D APR 14, 2003
REQUEST NUMBER 396954

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS	ANALYZED DATE
22016656		**Anasorb CSC Tube** micrograms Front / Back	APR 22, 2003
	1,1,1 TRICHLOROETHANE (DE = 99%)(BLANK)	< 5.3 < 5.3 NONE DETECTED	
	PERCHLOROETHYLENE (DE = 88%)(BLANK)	< 6.7 < 6.7 NONE DETECTED	
	TRICHLOROETHYLENE (DE = 99%)(BLANK)	< 5.3 < 5.3 NONE DETECTED	
	REST AS HEXANE (DE = 100%)(BLANK)	< 4.8 < 4.8 NONE DETECTED	

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

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REQUEST NUMBER 396954

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

LLD *	ANALYSIS REQUESTED	METHODOLOGY	CAS #
5.3	1,1,1 TRICHLOROETHANE CT2	OSHA 14 GAS CHROMATOGRAPHY	71-55-6
4.8	PERCHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	127-18-4
4	REST AS HEXANE CT2	OSHA 07 GAS CHROMATOGRAPHY	110-54-3
4.2	TRICHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	79-01-6

COMMENTS:

CONCENTRATION CALCULATED USING AIR VOLUMES SUPPLIED BY CLIENT
* LLD IS THE REPORTING LIMIT IN MICROGRAMS
* MODIFICATIONS MAY BE MADE TO ABOVE METHODS TO OPTIMIZE RESULTS
* UNLESS OTHERWISE NOTED, SAMPLES RECEIVED IN GOOD CONDITION
* RESULTS ARE STRICTLY LIMITED TO SAMPLES ANALYZED

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

ANALYSIS REQUEST

LABORATORY, OAKWOOD
1 Kemper Drive Long Grove, IL 60049-0075 (847) 320-2488
Fax (847) 320-4331 Toll Free (888) 576-7522
www.natlsco.com

NATLSCO

Name [illegible]
Firm [illegible]
Address [illegible]

Phone No. [illegible]
Fax No. [illegible]
Email [illegible]

No. 396954

ASAP SERVICE REQUESTED
Advance Notification Required
Results Requested By ___/___/___
Additional Charges Approved _____

FIELD NUMBER	SAMPLING VOLUME (Sampling times for diffusion monitors)	ANALYZE FOR --	LAB # (Internal Use Only)	COMMENTS
	10 mL/min	TCE		Sample bottle
016683		CAS # 79-01-06		3 hours
		TCA		
		CAS # 71-55-6		
		DCE		
		CAS # 127-18-4		
		~~Toluene~~		
		Cold Blank		
016685		Field Blank		

Billing Information/Comments:

Submission of samples constitutes acceptance of warranty policy printed in the current fee schedule.

B# [illegible]
F# [illegible]

Chain of Custody Signature:

Sampler [illegible]	Shipper [illegible]	Lab Log-in
Date [illegible]	Date [illegible]	Date
Time [illegible]	Time [illegible]	Time

☐ *Samples received in acceptable condition for analysis.*
☐ *Supplemental report attached documenting specific deficiencies.*

NC 82-12 25M 1-02

NATLSCO
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LABORATORY ANALYSIS REPORT

LABORATORY, K-2

Kemper Drive
Long Grove, IL 60049-0075
Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522

REPORT DATE MAY 20, 2003
SAMPLES REC'D MAY 14, 2003
REQUEST NUMBER 396955

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS			ANALYZED DATE
22016837	**18.18 Liters**	**Anasorb CSC Tube**			**MAY 20, 2003**
		micrograms		PPM	
		Front	Back	Front	Back
	1,1,1 TRICHLOROETHANE (DE = 99%)	< 5.3	< 5.3	< 0.053	< 0.053
	PERCHLOROETHYLENE (DE = 88%)	< 6.3	< 6.3	< 0.051	< 0.051
	REST AS HEXANE (DE = 100%)	10	5.2	0.16	0.081
	TRICHLOROETHYLENE (DE = 99%)	7.8	< 4.3	0.08	< 0.045

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

illiam M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

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Long Grove, IL 60049-0075
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LABORATORY ANALYSIS REPORT

REPORT DATE MAY 20, 2003
SAMPLES REC'D MAY 14, 2003
REQUEST NUMBER 396955

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS	ANALYZED DATE
22016694		**Anasorb CSC Tube**	MAY 20, 2003
		micrograms Front / Back	
	1,1,1 TRICHLOROETHANE (DE = 99%)(BLANK)	< 5.3 < 5.3 NONE DETECTED	
	PERCHLOROETHYLENE (DE = 88%)(BLANK)	< 6.3 < 6.3 NONE DETECTED	
	REST AS HEXANE (DE = 100%)(BLANK)	< 4.4 < 4.4 SUBTRACTED	
	TRICHLOROETHYLENE (DE = 99%)(BLANK)	< 4.3 < 4.3 NONE DETECTED	

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

illiam M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

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NATLSCO
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LABORATORY ANALYSIS REPORT

LABORATORY, K-2

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REPORT DATE MAY 20, 2003
SAMPLES REC'D MAY 14, 2003
REQUEST NUMBER 396955
PAGE NUMBER 3 OF 3

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

LLD *	ANALYSIS REQUESTED	METHODOLOGY	CAS #
5.3	1,1,1 TRICHLOROETHANE CT2	OSHA 14 GAS CHROMATOGRAPHY	71-55-6
4.8	PERCHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	127-18-4
4	REST AS HEXANE CT2	OSHA 07 GAS CHROMATOGRAPHY	110-54-3
4.2	TRICHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	79-01-6

COMMENTS:

CONCENTRATION CALCULATED USING AIR VOLUMES SUPPLIED BY CLIENT
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Respectfully submitted,

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Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

ANALYSIS REQUEST

NATLSCO

LABORATORY, OAKWOOD
1 Kemper Drive Long Grove, IL 60049-0075 (847) 320-2488
Fax (847) 320-4331 Toll Free (888) 576-7522
www.natlsco.com

Name J. Raymond
Firm Star-Rite Inc
Address 293 Wright Street
Delavan WI 53115

Phone No. 262-728-7216
Fax No. 262-728-7213
Email JRaymond@Starite.com

No. 396955

ASAP SERVICE REQUESTED
Advance Notification Required
Results Requested By 1/1
Additional Charges Approved

FIELD NUMBER	SAMPLING VOLUME (Sampling times for diffusion monitors)	ANALYZE FOR --	LAB # (Internal Use Only)	COMMENTS
2201683	1ml/min	TCE CAS# 79-01-06		180 minute
		TCA CAS# 71-55-6		Sample
		PCE CAS# 127-18-4		
		Rest AS Hexane		
2201669.1		Field Blank		

Billing Information/Comments: We need more 5-pk tubes
Please send 20 tubes. Thank you

Submission of samples constitutes acceptance of warranty policy printed in the current fee schedule.

B# _____
F# _____

Chain of Custody Signature:

Sampler Lewis Linville	Shipper J. Raymond	Lab Log-in
Date 5/6/03	Date 5/12/03	Date
Time 10:00 Am	Time 10:25 Am	Time

☐ *Samples received in acceptable condition for analysis.*
☐ *Supplemental report attached documenting specific deficiencies.*

NC 82-12 25M 1-02

NATLSCO
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Long Grove, IL 60049-0075
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Fax (847) 320-4331
Toll Free (888) 576-7522

LABORATORY ANALYSIS REPORT

REPORT DATE JUL 22, 2003
SAMPLES REC'D JUL 14, 2003
REQUEST NUMBER 404366

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS			ANALYZED DATE
23009244	18.18 Liters	Anasorb CSC Tube			JUL 22, 2003
		micrograms		PPM	
		Front	Back	Front	Back
	1,1,1 TRICHLOROETHANE (DE = 99%)	< 5.9	< 5.9	< 0.059	< 0.059
	PERCHLOROETHYLENE (DE = 88%)	< 7.5	< 7.5	< 0.061	< 0.061
	REST AS HEXANE (DE = 100%)	15	< 5.9	0.23	< 0.093
	TRICHLOROETHYLENE (DE = 99%)	< 5.8	< 5.8	< 0.059	< 0.059

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

NATLSCO
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Long Grove, IL 60049-0075
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Fax (847) 320-4331
Toll Free (888) 576-7522

LABORATORY ANALYSIS REPORT

REPORT DATE JUL 22, 2003
SAMPLES REC'D JUL 14, 2003
REQUEST NUMBER 404366

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS	ANALYZED DATE
23009294		**Anasorb CSC Tube**	**JUL 22, 2003**
		micrograms Front Back	
	1,1,1 TRICHLOROETHANE (DE = 99%)(BLANK)	< 5.9 < 5.9 NONE DETECTED	
	PERCHLOROETHYLENE (DE = 88%)(BLANK)	< 7.5 < 7.5 NONE DETECTED	
	REST AS HEXANE (DE = 100%)(BLANK)	< 5.9 < 5.9 SUBTRACTED	
	TRICHLOROETHYLENE (DE = 99%)(BLANK)	< 5.8 < 5.8 NONE DETECTED	

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

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LABORATORY ANALYSIS REPORT

REPORT DATE JUL 22, 2003
SAMPLES REC'D JUL 14, 2003
REQUEST NUMBER 404367

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS			ANALYZED DATE
23009283	18.18 Liters	Anasorb CSC Tube			JUL 22, 2003
		micrograms		PPM	
		Front	Back	Front	Back
	1,1,1 TRICHLOROETHANE (DE = 99%)	< 5.9	< 5.9	< 0.059	< 0.059
	PERCHLOROETHYLENE (DE = 88%)	< 7.5	< 7.5	< 0.061	< 0.061
	REST AS HEXANE (DE = 100%)	< 5.9	< 5.9	< 0.093	< 0.093
	TRICHLOROETHYLENE (DE = 99%)	< 5.8	< 5.8	< 0.059	< 0.059

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

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LABORATORY ANALYSIS REPORT

LABORATORY, K-2

Kemper Drive
Long Grove, IL 60049-0075
Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522

REPORT DATE JUL 22, 2003
SAMPLES REC'D JUL 14, 2003
REQUEST NUMBER 404367

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS	ANALYZED DATE
22016794		**Anasorb CSC Tube** micrograms	JUL 22, 2003
		Front / Back	
	1,1,1 TRICHLOROETHANE (DE = 99%)(BLANK)	< 5.9 / < 5.9 NONE DETECTED	
	PERCHLOROETHYLENE (DE = 88%)(BLANK)	< 7.5 / < 7.5 NONE DETECTED	
	REST AS HEXANE (DE = 100%)(BLANK)	< 5.9 / < 5.9 SUBTRACTED	
	TRICHLOROETHYLENE (DE = 99%)(BLANK)	< 5.8 / < 5.8 NONE DETECTED	

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

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LABORATORY ANALYSIS REPORT

LABORATORY, K-2

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Long Grove, IL 60049-0075
Phone (847) 320-2488
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REPORT DATE JUL 22, 2003
SAMPLES REC'D JUL 14, 2003
REQUEST NUMBER 404366

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

LLD *	ANALYSIS REQUESTED	METHODOLOGY	CAS #
5.3	1,1,1 TRICHLOROETHANE CT2	OSHA 14 GAS CHROMATOGRAPHY	71-55-6
4.8	PERCHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	127-18-4
4	REST AS HEXANE CT2	OSHA 07 GAS CHROMATOGRAPHY	110-54-3
4.2	TRICHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	79-01-6

COMMENTS:

CONCENTRATION CALCULATED USING AIR VOLUMES SUPPLIED BY CLIENT
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Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

ANALYSIS REQUEST

NATLSCO

LABORATORY, OAKWOOD
1 Kemper Drive Long Grove, IL 60049-0075 (847) 320-2488
Fax (847) 320-4331 Toll Free (888) 576-7522
www.natlsco.com

Name Jon Raymond
Firm Sta-Rite Industries
Address 293 Wright Street
Delavan WI 53115
Phone No. 262-728-7216
Fax No. 262-728-7213
Email JRaymond@Stariite.com

No. 404366

ASAP SERVICE REQUESTED
Advance Notification Required
Results Requested By ___/___/___
Additional Charges Approved _____

FIELD NUMBER	SAMPLING VOLUME (Sampling times for diffusion monitors)	ANALYZE FOR --	LAB # (Internal Use Only)	COMMENTS
230992 44	101 ml/min	TCE CAS# 79-01-06		180 minute
		TCA CAS# 71-55-6		Sample
		PCE CAS# 127-18-4		
		Rostas Hexane		
230992 24		Field Blank		

Billing Information/Comments:

Submission of samples constitutes acceptance of warranty policy printed in the current fee schedule.

B# _____
F# _____

Chain of Custody Signature:

Sampler L. Linville	Shipper J Raymond	Lab Log-in
Date 6/3/03	Date 7/15/03	Date
Time 10:15	Time 9:00	Time

☐ *Samples received in acceptable condition for analysis.*
☐ *Supplemental report attached documenting specific deficiencies.*

NC 82-12 25M 1-02

LABORATORY, OAKWOOD

ANALYSIS REQUEST

NATLSCO

1 Kemper Drive Long Grove, IL 60049-0075 (847) 320-2488
Fax (847) 320-4331 Toll Free (888) 576-7522
www.natlsco.com

Name Jon Raymond
Firm Star Rite Ind Inc
Address 293 Wright Street
Delavan WI 53115
Phone No. 262-728-7216
Fax No. 262-728-7213
Email JRaymond@Star-Rite.com

No. 404367

ASAP SERVICE REQUESTED
Advance Notification Required
Results Requested By __/__/__
Additional Charges Approved ____

FIELD NUMBER	SAMPLING VOLUME (Sampling times for diffusion monitors)	ANALYZE FOR --	LAB # (Internal Use Only)	COMMENTS
2309283	161 ml/min	TCE CAS# 79-01-06		180 minute
		TCA CAS# 71-55-6		Sample
		PCE CAS# 127-18-4		
		Res ? AS Hexane		
2016714		Field Blank		

Billing Information/Comments:

Submission of samples constitutes acceptance of warranty policy printed in the current fee schedule.

B#
F#

Chain of Custody Signature:

Sampler L. Lindloff	Shipper J Raymond	Lab Log-in
Date 7/8/03	Date 7/10/03	Date
Time 15:02	Time 9:00	Time

☐ *Samples received in acceptable condition for analysis.*
☐ *Supplemental report attached documenting specific deficiencies.*

NC 82-12 25M 1-02

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LABORATORY ANALYSIS REPORT

LABORATORY, K-2

Kemper Drive
Long Grove, IL 60049-0075
Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522

REPORT DATE AUG 14, 2003
SAMPLES REC'D AUG 13, 2003
REQUEST NUMBER 404368

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS			ANALYZED DATE
23009469	18.18 Liters	Anasorb CSC Tube			AUG 14, 2003
		micrograms		PPM	
		Front	Back	Front	Back
	1,1,1 TRICHLOROETHANE (DE = 99%)	< 5.3	< 5.3	< 0.053	< 0.053
	PERCHLOROETHYLENE (DE = 88%)	< 6.0	< 6.0	< 0.048	< 0.048
	REST AS HEXANE (DE = 100%)	12	< 4.6	0.19	< 0.072
	TRICHLOROETHYLENE (DE = 99%)	6.0	< 4.8	0.062	< 0.049

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

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LABORATORY, K-2
Kemper Drive
Long Grove, IL 60049-0075
Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522

LABORATORY ANALYSIS REPORT

REPORT DATE AUG 14, 2003
SAMPLES REC'D AUG 13, 2003
REQUEST NUMBER 404368

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS	ANALYZED DATE
23009412		**Anasorb CSC Tube** micrograms Front Back	AUG 14, 2003
	1,1,1 TRICHLOROETHANE (DE = 99%)(BLANK)	< 5.3 < 5.3 NONE DETECTED	
	PERCHLOROETHYLENE (DE = 88%)(BLANK)	< 6.0 < 6.0 NONE DETECTED	
	REST AS HEXANE (DE = 100%)(BLANK)	< 4.6 < 4.6 NONE DETECTED	
	TRICHLOROETHYLENE (DE = 99%)(BLANK)	< 4.8 < 4.8 NONE DETECTED	

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

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LABORATORY ANALYSIS REPORT

LABORATORY, K-2

1 Kemper Drive
Long Grove, IL 60049-0075
Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522

REPORT DATE AUG 14, 2003
SAMPLES REC'D AUG 13, 2003
REQUEST NUMBER 404368

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

LLD *	ANALYSIS REQUESTED	METHODOLOGY	CAS #
5.3	1,1,1 TRICHLOROETHANE CT2	OSHA 14 GAS CHROMATOGRAPHY	71-55-6
4.8	PERCHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	127-18-4
4	REST AS HEXANE CT2	OSHA 07 GAS CHROMATOGRAPHY	110-54-3
4.2	TRICHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	79-01-6

COMMENTS:

CONCENTRATION CALCULATED USING AIR VOLUMES SUPPLIED BY CLIENT
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Director Environmental Health Services
Environmental Sciences Laboratory

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ANALYSIS REQUEST

NATLSCO

LABORATORY, OAKWOOD
1 Kemper Drive Long Grove, IL 60049-0075 (847) 320-2488
Fax (847) 320-4331 Toll Free (888) 576-7522
www.natlsco.com

Name Jon Raymond
Firm STA-RITE IND INC
Address 893 Wright Street
Delavan WI 53115
Phone No. 262-728-7216
Fax No. 262-728-7013
Email JRaymond@Stariite.com

No. 404368

ASAP SERVICE REQUESTED
Advance Notification Required
Results Requested By ___/___/___
Additional Charges Approved _____

FIELD NUMBER	SAMPLING VOLUME (Sampling times for diffusion monitors)	ANALYZE FOR --	LAB # (Internal Use Only)	COMMENTS
23009H9	101 ml/min	TCE cas# 79-01-06		180
		TCA cas# 71-56-6		Minute
		PCE cas# 127-18-4		Sample
		Rest as Hexane		
23009H12		Field Blank		

Billing Information/Comments:

Submission of samples constitutes acceptance of warranty policy printed in the current fee schedule.

B# _____
F# _____

Chain of Custody Signature:

Sampler	Shipper	Lab Log-in
Date	Date 8/11/03	Date
Time	Time 7:40 am	Time

☐ *Samples received in acceptable condition for analysis.*
☐ *Supplemental report attached documenting specific deficiencies.*

NC 82-12 25M 1-02

BROADSPIRE

IH LABORATORY

5 Oakwood Drive
Lake Zurich, IL. 60047
Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522
www.choosebroadspire.com

LABORATORY ANALYSIS REPORT

REPORT DATE OCT 23, 2003
SAMPLES REC'D OCT 20, 2003
REQUEST NUMBER 396956

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS			ANALYZED DATE
23005187 10703#1	18.18 Liters	Anasorb CSC Tube			OCT 23, 2003
		micrograms		PPM	
		Front	Back	Front	Back
	1,1,1 TRICHLOROETHANE (DE = 99%)	< 5.3	< 5.3	< 0.053	< 0.053
	PERCHLOROETHYLENE (DE = 88%)	< 6.3	< 6.3	< 0.051	< 0.051
	REST AS HEXANE (DE = 100%)	5.8	< 4.8	0.09	< 0.075
	TRICHLOROETHYLENE (DE = 99%)	7.5	< 4.9	0.077	< 0.05

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

BROADSPIRE

IH LABORATORY

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ake Zurich, IL. 60047
Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522
www.choosebroadspire.com

LABORATORY ANALYSIS REPORT

REPORT DATE OCT 23, 2003
SAMPLES REC'D OCT 20, 2003
REQUEST NUMBER 396956

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS	ANALYZED DATE
23009116 10703#2		Anasorb CSC Tube	OCT 23, 2003
		micrograms Front Back	
	1,1,1 TRICHLOROETHANE (DE = 99%)(BLANK)	< 5.3 < 5.3 NONE DETECTED	
	PERCHLOROETHYLENE (DE = 88%)(BLANK)	< 6.3 < 6.3 NONE DETECTED	
	REST AS HEXANE (DE = 100%)(BLANK)	< 4.8 < 4.8 NONE DETECTED	
	TRICHLOROETHYLENE (DE = 99%)(BLANK)	< 4.9 < 4.9 NONE DETECTED	

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

BROADSPIRE

IH LABORATORY

35 Oakwood Drive
Lake Zurich, IL. 60047
Phone (847) 320-2488
Fax (847) 320-4331
Toll Free (888) 576-7522
www.choosebroadspire.com

LABORATORY ANALYSIS REPORT

REPORT DATE OCT 23, 2003
SAMPLES REC'D OCT 20, 2003
REQUEST NUMBER 396957
PAGE NUMBER 3 OF 5

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS			ANALYZED DATE
23009458 91003#1	**18.18 Liters**	**Anasorb CSC Tube**			**OCT 23, 2003**
		micrograms		PPM	
		Front	Back	Front	Back
	1,1,1 TRICHLOROETHANE (DE = 99%)	< 5.3	< 5.3	< 0.053	< 0.053
	PERCHLOROETHYLENE (DE = 88%)	< 6.3	< 6.3	< 0.051	< 0.051
	REST AS HEXANE (DE = 100%)	6.0	< 4.8	0.093	< 0.075
	TRICHLOROETHYLENE (DE = 99%)	5.3	< 4.9	0.054	< 0.05

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

William M. Walsh, CIH, ROH
Director Environmental Health Services
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LABORATORY ANALYSIS REPORT

REPORT DATE OCT 23, 2003

SAMPLES REC'D OCT 20, 2003

REQUEST NUMBER 396957

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

SAMPLE	AIR VOLUME / ANALYSIS REQUESTED	MEDIA TYPE / RESULTS	ANALYZED DATE
23009104 91003#2		**Anasorb CSC Tube**	OCT 23, 2003
		micrograms Front Back	
	1,1,1 TRICHLOROETHANE (DE = 99%)(BLANK)	< 5.3 < 5.3 NONE DETECTED	
	PERCHLOROETHYLENE (DE = 88%)(BLANK)	< 6.3 < 6.3 NONE DETECTED	
	REST AS HEXANE (DE = 100%)(BLANK)	< 4.8 < 4.8 NONE DETECTED	
	TRICHLOROETHYLENE (DE = 99%)(BLANK)	< 4.9 < 4.9 NONE DETECTED	

COMMENTS:

IF PRESENT, DE MEANS DESORPTION EFFICIENCY

Respectfully submitted,

illiam M. Walsh, CIH, ROH
irector Environmental Health Services
Environmental Sciences Laboratory

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LABORATORY ANALYSIS REPORT

REPORT DATE OCT 23, 2003

SAMPLES REC'D OCT 20, 2003

REQUEST NUMBER 396956

TO: JON RAYMOND
STA-RITE INDUSTRIES
293 S. WRIGHT STREET
DELAVAN WI 53115
USA

LLD *	ANALYSIS REQUESTED	METHODOLOGY	CAS #
5.3	1,1,1 TRICHLOROETHANE CT2	OSHA 14 GAS CHROMATOGRAPHY	71-55-6
4.8	PERCHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	127-18-4
4	REST AS HEXANE CT2	OSHA 07 GAS CHROMATOGRAPHY	110-54-3
4.2	TRICHLOROETHYLENE CT2	OSHA 07 GAS CHROMATOGRAPHY	79-01-6

COMMENTS:

CONCENTRATION CALCULATED USING AIR VOLUMES SUPPLIED BY CLIENT
* LLD IS THE REPORTING LIMIT IN MICROGRAMS
* MODIFICATIONS MAY BE MADE TO ABOVE METHODS TO OPTIMIZE RESULTS
* UNLESS OTHERWISE NOTED, SAMPLES RECEIVED IN GOOD CONDITION
* RESULTS ARE STRICTLY LIMITED TO SAMPLES ANALYZED

Respectfully submitted,

illiam M. Walsh, CIH, ROH
Director Environmental Health Services
Environmental Sciences Laboratory

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

ANALYSIS REQUEST

LABORATORY, OAKWOOD
1 Kemper Drive Long Grove, IL 60049-0075 (847) 320-2488
Fax (847) 320-4331 Toll Free (888) 576-7522
www.natlsco.com

NATLSCO

Name Jon Rungman

Firm Stainless Ind. Inc

Address 293 Wright Street
Delavan WI 53115

Phone No. 262-728-7216

Fax No. 262-728-7213

Email JRungman@Stainless.com

No. 396956

ASAP SERVICE REQUESTED
Advance Notification Required
Results Requested By ___/___/___
Additional Charges Approved _____

FIELD NUMBER	SAMPLING VOLUME (Sampling times for diffusion monitors)	ANALYZE FOR --	LAB # (Internal Use Only)	COMMENTS
23005187 107031	101 ml/min	TCE 79-01-06		180 minute Sample
		TCA 71-55-6		
		PCE 127-18-4		
		Rostas Hexane		
27116 107032	Field Blank			

Billing Information/Comments:

Submission of samples constitutes acceptance of warranty policy printed in the current fee schedule.

B#
F#

Chain of Custody Signature:

Sampler	Shipper	Lab Log-in
Date	Date	Date
Time	Time	Time

☐ *Samples received in acceptable condition for analysis.*
☐ *Supplemental report attached documenting specific deficiencies.*

NC 82-12 25M 1-02

LABORATORY, OAKWOOD
1 Kemper Drive Long Grove, IL 60049-0075 (847) 320-2488
Fax (847) 320-4331 Toll Free (888) 576-7522
www.natlsco.com

ANALYSIS REQUEST

NATLSCO

Name: Jon Raymond

Firm: STA-Rite

Address: 293 Wright Street
Delavan WI 53115

Phone No. 262-728-7216

Fax No. 262-728-7213

Email: JRaymond@Starite.com

No. 396957

ASAP SERVICE REQUESTED
Advance Notification Required
Results Requested By ___/___/___
Additional Charges Approved ______

FIELD NUMBER	SAMPLING VOLUME (Sampling times for diffusion monitors)	ANALYZE FOR --	LAB # (Internal Use Only)	COMMENTS
23009458 91003 #1	101 ml/min	TCE 79-01-06		180 minute
		TCA 71-55-6		Sample
		PCE 127-18-4		
		Restas Hexane		
27101 91003 #2	Field			
	Blank			

Billing Information/Comments:

Submission of samples constitutes acceptance of warranty policy printed in the current fee schedule.

B# ______
F# ______

Chain of Custody Signature:

Sampler	Shipper	Lab Log-in
Date	Date	Date
Time	Time	Time

☐ *Samples received in acceptable condition for analysis.*
☐ *Supplemental report attached documenting specific deficiencies.*

NC 82-12 25M 1-02

APPENDIX D

GROUNDWATER MONITORING ANALYTICAL RESULTS

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax
WDNR No. 128053530

ANALYTICAL REPORT

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

07/01/2003

Job No: 03.05704

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

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.

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

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

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 Analyzed	Analyst	Prep/Run 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	%		88-112	SW 8260B	07/01/2003	mae	5104
Surr: Toluene-d8	94	%		89-112	SW 8260B	07/01/2003	mae	5104
Surr: Bromofluorobenzene	102	%		90-114	SW 8260B	07/01/2003	mae	5104

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WDNR No. 128053530

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

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 Analyzed	Analyst	Prep/Run 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	<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

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WDNR No. 128053530

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

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 Analyzed	Analyst	Prep/Run Batch
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

TestAmerica
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WDNR No. 128053530
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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

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 Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	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

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WDNR No. 128053530
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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

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 Analyzed	Analyst	Prep/Run Batch
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	%		88-112	SW 8260B	06/29/2003	aba	5095
Surr: Toluene-d8	105	%		89-112	SW 8260B	06/29/2003	aba	5095
Surr: Bromofluorobenzene	95	%		90-114	SW 8260B	06/29/2003	aba	5095

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WDNR No. 128053530
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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

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 Analyzed	Analyst	Prep/Run 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	SW 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

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

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

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 Analyzed	Analyst	Prep/Run Batch
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

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WDNR No. 128053530
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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

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 Analyzed	Analyst	Prep/Run Batch
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

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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

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 Analyzed	Analyst	Prep/Run Batch
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	%		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

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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

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 Analyzed	Analyst	Prep/Run 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	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

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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

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 Analyzed	Analyst	Prep/Run 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	%		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

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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

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 Analyzed	Analyst	Prep/Run Batch
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

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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

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 Analyzed	Analyst	Prep/Run 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	%		88-112	SW 8260B	06/29/2003	aba	5095
Surr: Toluene-d8	104	%		89-112	SW 8260B	06/29/2003	aba	5095
Surr: Bromofluorobenzene	98	%		90-114	SW 8260B	06/29/2003	aba	5095

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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

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

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ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
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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

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

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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

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

03057 1

TestAmerica INCORPORATED

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone: 920-261-1660
Fax: 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: Sta-Rite Inv Client #: _____
Address: 293 W Wright Street
City/State/Zip Code: Delavan WI 53115
Project Manager: T. Raymond
Telephone Number: 262-728-7216 Fax: 262-728-7213
Sampler Name: (Print Name) L. Lindloff
Sampler Signature: _____

Project Name: Delavan [redacted] Well #4
Project #: Annual Sampling
Site/Location ID: Delavan [redacted] - Annu State: WI
Report To: T. Raymond
Invoice To: T. Raymond
Quote #: _____ PO#: _____

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO3	HCl	NaOH	H2SO4	Methanol	None	Other (Specify)	Analyze For: TCE	PCE	TCA	FLH VOC	QC Deliverables: None / Level 2 (Batch QC) / Level 3 / Level 4 / Other:	REMARKS
MW 2005	6/24	11:15	G		GW		X						X	X	X			
MW 2004	6/24	12:20											X	X	X	[redacted]		
D-15	6/24	13:10											X	X	X			Please
D-18	6/24	13:45											X	X	X			send
TW-3	6/24	9:10											X	X	X			more
TW-4	6/24	11:10														X		Qual's
MW 1027	6/24	12:15											X	X	X			
D-25R	6/24	13:25											X	X	X			
EX-2	6/24	14:00											X	X	X			
EX3	6/24	14:05											X	X	X			
Special Instructions: EX7	6/24	14:15											X	X	X			
CSES	6/24	14:35											X	X	X	N/A		

	Date:	Time:		Date:	Time:
Relinquished By:			Received By:	6/25	1055
Relinquished By:	6/25	1345	Received By:		
Relinquished By:			Received By:	6/25	1412

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: Ice
Custody Seals: Y N N/A
Bottles Supplied by TestAmerica: Y N
Method of Shipment: FA

2/10/25/03

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	CONDUCT-IVITY	TEMP.	SAMPLER INITALS	REMARKS
MW2005		6-20-03	11:15	36.14	25.40	10.74	7.00					
MW 2004		6-20-03	12:20	39.21	30.21	9.00	5.86					
)-15		6-20-03	13:10	38.00	34.02	3.98	2.59					
2-18		6-20-03	13:45	39.27	32.78	6.49	4.23					
W-3		6-24-03	10:10	48.00	34.84	13.16	8.58					
W-4		6-24-03	11:10	50.48	39.94	11.54	7.52					
MW10		6-24-03	12:45	37.71	31.88	5.83	3.80					
-25R		6-24-03	13:25	48.25	36.84	6.41	4.17					
X-2		6-24-03	14:00									
X-3		6-24-03	14:05									
X-7		6-24-03	14:15									
SES		6-24-03	14:25									

Well purge volume = ft. of water x ~~1.592~~ 2.61
Well purge volume = ft. of water x ~~.45~~ .652

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax
WDNR No. 128053530

ANALYTICAL REPORT

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

09/10/2003

Job No: 03.08223

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

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.

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

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

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 Analyzed	Analyst	Prep/Run 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	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

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

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

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 Analyzed	Analyst	Prep/Run 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

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
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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

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 Analyzed	Analyst	Prep/Run 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	%		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

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
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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

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 Analyzed	Analyst	Prep/Run Batch
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	%		91-107	SW 8260B	09/08/2003	mae	5319
Surr: Toluene-d8	95	%		89-109	SW 8260B	09/08/2003	mae	5319
Surr: Bromofluorobenzene	107	%		93-109	SW 8260B	09/08/2003	mae	5319

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

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

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 Analyzed	Analyst	Prep/Run Batch
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	%		91-107	SW 8260B	09/08/2003	mae	5319
Surr: Toluene-d8	97	%		89-109	SW 8260B	09/08/2003	mae	5319
Surr: Bromofluorobenzene	106	%		93-109	SW 8260B	09/08/2003	mae	5319

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

QUALITY CONTROL REPORT
BLANKS

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

09/10/2003

Job No: 03.08223
Account No: 67550

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

03,082.3

TestAmerica INCORPORATED

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring ____

Client Name: STA-Rite Client #: ____
Address: 293 Wright Street
City/State/Zip Code: Delavan WI 53115
Project Manager: J. Raymond
Telephone Number: 262-728-7216 Fax: 262-728-7213
Sampler Name: (Print Name) Lewis Lindloff
Sampler Signature: ____

Project Name: Delavan Well #4
Project #: ____
Site/Location ID: CSES State: WI
Report To: J. Raymond
Invoice To: J. Raymond
Quote #: ____ PO#: ____

TAT
___ Standard
___ Rush (surcharges may apply)
Date Needed: ____
Fax Results: Y N

Turnaround 9/12/03

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: TCE	TCA	DCE	Vinyl Chloride	QC Deliverables	REMARKS
Back North	9/2/03	14:40	C		GW		X						+	+	+	+	___ None	40
Back middle	9/2/03	16:43	C		GW		X						+	+	X	X	___ Level 2 (Batch QC)	
Back South	9/2/03	16:48	C		GW		X						+	+	X	X	___ Level 3	
Middle North	9/2/03	16:52	C		GW		X						+	+	X	X	___ Level 4	
middle South	9/2/03	16:56	C		GW		X						+	+	X	X	Other: ____	

Special Instructions:

Relinquished By:		Date:	Time:	Received By:		Date: 9/3	Time: 11:35
Relinquished By:		Date: 9/3	Time: 14:25	Received By:		Date:	Time:
Relinquished By:		Date:	Time:	Received By:		Date: 9/3	Time: 1435

LABORATORY COMMENTS:
Init Lab Temp: ____
Rec Lab Temp: Ice
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment: TA

A-9/2/03

TestAmerica
ANALYTICAL TESTING CORPORATION

MASTERFILE COPY
PROJECT #_____
CC:_____
RECEIVED
WDNR-No. 126053530

602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

OCT 17 2003
HSI GeoTrans
Milwaukee

ANALYTICAL REPORT

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

10/14/2003

Job No: 03.09558

The following samples were received by TestAmerica for analysis:

4169.002 Sta-Rite Delavan

Sample Number	Sample Description	Date Taken	Date Received
543202	TW-304	09/25/2003	10/03/2003
543203	TW-303	09/25/2003	10/03/2003
543204	MW-1026	09/25/2003	10/03/2003
543205	TW-305	10/02/2003	10/03/2003
543206	TW-306	10/02/2003	10/03/2003

Brian D. DeJong
Organic Operations Manager

GEOTRANS, INC.
Job No: 03.09558

10/14/2003

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.

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

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

10/14/2003
Job No: 03.09558
Sample No: 543202
Account No: 39150

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: TW-304
Rec'd at 4 degrees C

Date/Time Taken: 09/25/2003 11:15 Date Received: 10/03/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	<0.50	ug/L	0.50	1.7	SW 8260B	10/08/2003	mae	5457
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1.7	SW 8260B	10/08/2003	mae	5457
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	10/08/2003	mae	5457
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	10/08/2003	mae	5457
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	10/08/2003	mae	5457
Surr: Dibromofluoromethane	100	%		91-107	SW 8260B	10/08/2003	mae	5457
Surr: Toluene-d8	98	%		89-109	SW 8260B	10/08/2003	mae	5457
Surr: Bromofluorobenzene	97	%		93-109	SW 8260B	10/08/2003	mae	5457

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

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

10/14/2003
Job No: 03.09558
Sample No: 543203
Account No: 39150

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: TW-303
Rec'd at 4 degrees C

Date/Time Taken: 09/25/2003 13:25 Date Received: 10/03/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	<0.50	ug/L	0.50	1.7	SW 8260B	10/08/2003	mae	5457
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1.7	SW 8260B	10/08/2003	mae	5457
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	10/08/2003	mae	5457
Trichloroethene	6.2	ug/L	0.25	0.83	SW 8260B	10/08/2003	mae	5457
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	10/08/2003	mae	5457
Surr: Dibromofluoromethane	100	%		91-107	SW 8260B	10/08/2003	mae	5457
Surr: Toluene-d8	98	%		89-109	SW 8260B	10/08/2003	mae	5457
Surr: Bromofluorobenzene	97	%		93-109	SW 8260B	10/08/2003	mae	5457

ANALYTICAL REPORT

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

10/14/2003
Job No: 03.09558
Sample No: 543204
Account No: 39150
Page 5 of 10

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-1026
Rec'd at 4 degrees C

Date/Time Taken: 09/25/2003 14:20 Date Received: 10/03/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	<0.50	ug/L	0.50	1.7	SW 8260B	10/09/2003	mae	5462
1,1,1-Trichloroethane	25	ug/L	0.50	1.7	SW 8260B	10/09/2003	mae	5462
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	10/09/2003	mae	5462
Trichloroethene	6.1	ug/L	0.25	0.83	SW 8260B	10/09/2003	mae	5462
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	10/09/2003	mae	5462
Surr: Dibromofluoromethane	103	%		91-107	SW 8260B	10/09/2003	mae	5462
Surr: Toluene-d8	100	%		89-109	SW 8260B	10/09/2003	mae	5462
Surr: Bromofluorobenzene	102	%		93-109	SW 8260B	10/09/2003	mae	5462

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

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

10/14/2003
Job No: 03.09558
Sample No: 543205
Account No: 39150

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: TW-305
Rec'd at 4 degrees C

Date/Time Taken: 10/02/2003 11:45 Date Received: 10/03/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	<2.0	ug/L	0.50	1.7	SW 8260B	10/10/2003	mae	5469
1,1,1-Trichloroethane	14	ug/L	0.50	1.7	SW 8260B	10/10/2003	mae	5469
1,1,2-Trichloroethane	<1.0	ug/L	0.25	0.83	SW 8260B	10/10/2003	mae	5469
Trichloroethene	180	ug/L	0.25	0.83	SW 8260B	10/10/2003	mae	5469
Vinyl Chloride	<1.0	ug/L	0.25	0.83	SW 8260B	10/10/2003	mae	5469
Surr: Dibromofluoromethane	102	%		91-107	SW 8260B	10/10/2003	mae	5469
Surr: Toluene-d8	108	%		89-109	SW 8260B	10/10/2003	mae	5469
Surr: Bromofluorobenzene	96	%		93-109	SW 8260B	10/10/2003	mae	5469

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

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

10/14/2003
Job No: 03.09558
Sample No: 543206
Account No: 39150

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: TW-306
Rec'd at 4 degrees C

Date/Time Taken: 10/02/2003 15:40 Date Received: 10/03/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	<0.50	ug/L	0.50	1.7	SW 8260B	10/13/2003	mae	5472
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1.7	SW 8260B	10/13/2003	mae	5472
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	10/13/2003	mae	5472
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	10/13/2003	mae	5472
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	10/13/2003	mae	5472
Surr: Dibromofluoromethane	102	%		91-107	SW 8260B	10/13/2003	mae	5472
Surr: Toluene-d8	99	%		89-109	SW 8260B	10/13/2003	mae	5472
Surr: Bromofluorobenzene	101	%		93-109	SW 8260B	10/13/2003	mae	5472

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QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

10/14/2003

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

Job No: 03.09558
Account No: 39150

Job Description: 4169.002 Sta-Rite Delavan

Parameter	Run Batch	True Value	Observed Value	Percent Recovery	Control Limits
VOC - AQUEOUS - EPA 8260B					
Trichloroethene	5457	50.0	46.9	94	80 - 120
Vinyl Chloride	5457	50.0	45.9	92	80 - 120
Surr: Dibromofluoromethane	5457	50.0	49.6	99	88 - 112
Surr: Toluene-d8	5457	50.0	49.6	99	89 - 112
Surr: Bromofluorobenzene	5457	50.0	49.4	99	90 - 114
VOC - AQUEOUS - EPA 8260B					
Trichloroethene	5462	50.0	47.6	95	80 - 120
Vinyl Chloride	5462	50.0	55.0	110	80 - 120
Surr: Dibromofluoromethane	5462	50.0	51.3	103	88 - 112
Surr: Toluene-d8	5462	50.0	49.3	99	89 - 112
Surr: Bromofluorobenzene	5462	50.0	49.6	99	90 - 114
VOC - AQUEOUS - EPA 8260B					
Trichloroethene	5469	50.0	45.6	91	80 - 120
Vinyl Chloride	5469	50.0	42.4	85	80 - 120
Surr: Dibromofluoromethane	5469	50.0	47.1	94	88 - 112
Surr: Toluene-d8	5469	50.0	52.4	105	89 - 112
Surr: Bromofluorobenzene	5469	50.0	47.6	95	90 - 114
VOC - AQUEOUS - EPA 8260B					
Trichloroethene	5472	50.0	48.4	97	80 - 120
Vinyl Chloride	5472	50.0	54.2	108	80 - 120
Surr: Dibromofluoromethane	5472	50.0	50.8	102	88 - 112
Surr: Toluene-d8	5472	50.0	49.2	98	89 - 112
Surr: Bromofluorobenzene	5472	50.0	50.7	101	90 - 114

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QUALITY CONTROL REPORT
BLANKS

10/14/2003

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

Job No: 03.09558
Account No: 39150

Job Description: 4169.002 Sta-Rite Delavan

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
VOC - AQUEOUS - EPA 8260B						
Tetrachloroethene		5457	<0.50	0.50	1.7	ug/L
1,1,1-Trichloroethane		5457	<0.50	0.50	1.7	ug/L
1,1,2-Trichloroethane		5457	<0.25	0.25	0.83	ug/L
Trichloroethene		5457	<0.25	0.25	0.83	ug/L
Vinyl Chloride		5457	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		5457	100.2		91-107	%
Surr: Toluene-d8		5457	100.2		89-109	%
Surr: Bromofluorobenzene		5457	100.0		93-109	%
VOC - AQUEOUS - EPA 8260B						
Tetrachloroethene		5462	<0.50	0.50	1.7	ug/L
1,1,1-Trichloroethane		5462	<0.50	0.50	1.7	ug/L
1,1,2-Trichloroethane		5462	<0.25	0.25	0.83	ug/L
Trichloroethene		5462	<0.25	0.25	0.83	ug/L
Vinyl Chloride		5462	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		5462	103.2		91-107	%
Surr: Toluene-d8		5462	100.8		89-109	%
Surr: Bromofluorobenzene		5462	102.6		93-109	%
VOC - AQUEOUS - EPA 8260B						
Tetrachloroethene		5469	<0.50	0.50	1.7	ug/L
1,1,1-Trichloroethane		5469	<0.50	0.50	1.7	ug/L
1,1,2-Trichloroethane		5469	<0.25	0.25	0.83	ug/L
Trichloroethene		5469	<0.25	0.25	0.83	ug/L
Vinyl Chloride		5469	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		5469	93.8		91-107	%
Surr: Toluene-d8		5469	106.4		89-109	%
Surr: Bromofluorobenzene		5469	95.8		93-109	%
VOC - AQUEOUS - EPA 8260B						
Tetrachloroethene		5472	<0.50	0.50	1.7	ug/L
1,1,1-Trichloroethane		5472	<0.50	0.50	1.7	ug/L
1,1,2-Trichloroethane		5472	<0.25	0.25	0.83	ug/L
Trichloroethene		5472	<0.25	0.25	0.83	ug/L
Vinyl Chloride		5472	<0.25	0.25	0.83	ug/L
Surr: Dibromofluoromethane		5472	100.2		91-107	%
Surr: Toluene-d8		5472	99.8		89-109	%
Surr: Bromofluorobenzene		5472	102.8		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

TestAmerica
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WDNR No. 128053530
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QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE

10/14/2003

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

Job No: 03.09558
Account No: 39150

Job Description: 4169.002 Sta-Rite Delavan

Analyte	Prep Batch Number	Run Batch Number	Sample Result	Spike Amount	Units	Matrix Spike Result	MSD Result	MS Percent Recovery	MSD Percent Recovery	Control Limits	Relative Percent Difference
VOC - AQUEOUS - EPA 8260B											
Trichloroethene		5457	0.55	50.0	ug/L	47.6	49.8	94	98	80 - 117	4.5
Surr: Dibromofluoromethane		5457	49.3	50.0	ug/L	50.3	49.5	101	99	88 - 112	1.6
Surr: Toluene-d8		5457	49.6	50.0	ug/L	48.9	49.5	98	99	89 - 112	1.2
Surr: Bromofluorobenzene		5457	49.6	50.0	ug/L	49.5	49.4	99	99	90 - 114	0.2
VOC - AQUEOUS - EPA 8260B											
richloroethene		5469	<0.25	50.0	ug/L	46.8	47.3	94	95	80 - 117	1.1
Surr: Dibromofluoromethane		5469	48.4	50.0	ug/L	47.8	47.5	96	95	88 - 112	0.6
Surr: Toluene-d8		5469	53.5	50.0	ug/L	53.5	52.5	107	105	89 - 112	1.9
Surr: Bromofluorobenzene		5469	47.7	50.0	ug/L	48.1	46.9	96	94	90 - 114	2.5
VOC - AQUEOUS - EPA 8260B											
Trichloroethene		5472	<0.25	50.0	ug/L	50.8	50.8	102	102	80 - 117	0.0
Surr: Dibromofluoromethane		5472	51.3	50.0	ug/L	51.2	50.3	102	101	88 - 112	1.8
Surr: Toluene-d8		5472	50.6	50.0	ug/L	49.3	49.6	99	99	89 - 112	0.6
Surr: Bromofluorobenzene		5472	51.5	50.0	ug/L	50.8	51.0	102	102	90 - 114	0.4

TestAmerica INCORPORATED

602 Commerce Drive / Watertown, WI 53094
Phone: (920) 261-1660 / Fax: (920) 261-8120

CHAIN OF CUSTODY RECORD

0309558

COMPANY GeoTrans Inc.
ADDRESS 175 Corporate Dr.
PHONE 262-792-1282 FAX 262-792-1310
PROJECT DESCRIPTION/NO. 469.002, Sta-Rite Delaware
PROJECT MANAGER Mark Manthey

REPORT TO: Mark Manthey
INVOICE TO:
P.O. NO.:
QUOTE NO.:

SAMPLED BY:
NAME Kathryn Schoephoester

NAME

Fax Results?____ QC w/Results?____

Which regulations apply?
NPDES/Wastewater____ RCRA____ UST____
Drinking Water____ Other____ None____

DATE 2003	TIME	SAMPLE ID/DESCRIPTION	FILTERED	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	NONE	METHANOL	OTHER	ANALYSES: PCE	1,1,1-TCA	1,1,2-TCA	TCE	Vinyl chloride					COMMENTS
9-25	1115	TW-304	N	GW	X		3							X	X	X	X	X					
9-25	1325	TW-303			X		3							X	X	X	X	X					
9-25	1420	MW-1026			X		3							X	X	X	X	X					
10-2	1145	TW-305			X		3							X	X	X	X	X					
10-2	1540	TW-306	↓	↓	X		3							X	X	X	X	X					

LAB USE ONLY

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO VOLATILES FREE OF HEADSPACE? YES / NO BOTTLES SUPPLIED BY LAB? YES / NO TEMPERATURE UPON RECEIPT: 4 °C

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR LAB BY:
Kathryn Schoephoester	10-2-03	17:15	10-3-03		10/3		10/3 1530

METHOD OF SHIPMENT:
TestAmerica Courier ____
Client ____
Common Carrier ____

REMARKS:

RA 10/6/03

TestAmerica
ANALYTICAL TESTING CORPORATION
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WDNR No. 128053530

ANALYTICAL REPORT

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

11/03/2003

Job No: 03.10255

The following samples were received by TestAmerica for analysis:

Delavan Well No. 4

Sample Number	Sample Description	Date Taken	Date Received
545599	D-15	10/20/2003	10/22/2003
545600	TW-3	10/20/2003	10/22/2003
545601	D-25R	10/20/2003	10/22/2003
545602	MW1027	10/20/2003	10/22/2003
545603	EX-7	10/20/2003	10/22/2003
545604	CSES	10/20/2003	10/22/2003

Brian D. DeJong
Organic Operations Manager

STA-RITE INDUSTRIES, INC
Job No: 03.10255

11/03/2003

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.

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax
WDNR No. 128053530

ANALYTICAL REPORT

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

11/03/2003
Job No: 03.10255
Sample No: 545599
Account No: 67550

JOB DESCRIPTION: Delavan Well No. 4
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: D-15
Delavan, WI
Rec'd on ice

Date/Time Taken: 10/20/2003 11:55

Date Received: 10/22/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	7.5	ug/L	0.50	1.7	SW 8260B	10/31/2003	mae	5544
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1.7	SW 8260B	10/31/2003	mae	5544
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	10/31/2003	mae	5544
Trichloroethene	29	ug/L	0.20	0.67	SW 8260B	10/31/2003	mae	5544
Surr: Dibromofluoromethane	102	%		91-107	SW 8260B	10/31/2003	mae	5544
Surr: Toluene-d8	98	%		89-109	SW 8260B	10/31/2003	mae	5544
Surr: Bromofluorobenzene	100	%		93-109	SW 8260B	10/31/2003	mae	5544

TestAmerica
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WDNR No. 128053530

ANALYTICAL REPORT

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

11/03/2003
Job No: 03.10255
Sample No: 545600
Account No: 67550

JOB DESCRIPTION: Delavan Well No. 4
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: TW-3
Delavan, WI
Rec'd on ice

Date/Time Taken: 10/20/2003 12:55 Date Received: 10/22/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	2.8	ug/L	0.50	1.7	SW 8260B	10/31/2003	mae	5544
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1.7	SW 8260B	10/31/2003	mae	5544
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	10/31/2003	mae	5544
Trichloroethene	2.0	ug/L	0.20	0.67	SW 8260B	10/31/2003	mae	5544
Surr: Dibromofluoromethane	102	%		91-107	SW 8260B	10/31/2003	mae	5544
Surr: Toluene-d8	99	%		89-109	SW 8260B	10/31/2003	mae	5544
Surr: Bromofluorobenzene	100	%		93-109	SW 8260B	10/31/2003	mae	5544

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WDNR No. 128053530

ANALYTICAL REPORT

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

11/03/2003
Job No: 03.10255
Sample No: 545601
Account No: 67550

JOB DESCRIPTION: Delavan Well No. 4
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: D-25R
Delavan, WI
Rec'd on ice

Date/Time Taken: 10/20/2003 13:30 Date Received: 10/22/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	0.71	ug/L	0.50	1.7	SW 8260B	10/31/2003	mae	5544
1,1,1-Trichloroethane	4.3	ug/L	0.50	1.7	SW 8260B	10/31/2003	mae	5544
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	10/31/2003	mae	5544
Trichloroethene	4.6	ug/L	0.20	0.67	SW 8260B	10/31/2003	mae	5544
Surr: Dibromofluoromethane	102	%		91-107	SW 8260B	10/31/2003	mae	5544
Surr: Toluene-d8	99	%		89-109	SW 8260B	10/31/2003	mae	5544
Surr: Bromofluorobenzene	99	%		93-109	SW 8260B	10/31/2003	mae	5544

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ANALYTICAL TESTING CORPORATION
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WDNR No. 128053530

ANALYTICAL REPORT

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

11/03/2003
Job No: 03.10255
Sample No: 545602
Account No: 67550

JOB DESCRIPTION: Delavan Well No. 4
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW1027
Delavan, WI
Rec'd on ice

Date/Time Taken: 10/20/2003 14:10 Date Received: 10/22/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	<0.50	ug/L	0.50	1.7	SW 8260B	10/31/2003	mae	5544
1,1,1-Trichloroethane	16	ug/L	0.50	1.7	SW 8260B	10/31/2003	mae	5544
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	10/31/2003	mae	5544
Trichloroethene	230	ug/L	0.20	0.67	SW 8260B	10/31/2003	mae	5544
Surr: Dibromofluoromethane	103	%		91-107	SW 8260B	10/31/2003	mae	5544
Surr: Toluene-d8	99	%		89-109	SW 8260B	10/31/2003	mae	5544
Surr: Bromofluorobenzene	100	%		93-109	SW 8260B	10/31/2003	mae	5544

TestAmerica
ANALYTICAL TESTING CORPORATION
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WDNR No. 128053530

ANALYTICAL REPORT

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

11/03/2003
Job No: 03.10255
Sample No: 545603
Account No: 67550

JOB DESCRIPTION: Delavan Well No. 4
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: EX-7
Delavan, WI
Rec'd on ice

Date/Time Taken: 10/20/2003 14:22 Date Received: 10/22/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	<0.50	ug/L	0.50	1.7	SW 8260B	10/31/2003	mae	5544
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1.7	SW 8260B	10/31/2003	mae	5544
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	10/31/2003	mae	5544
Trichloroethene	30	ug/L	0.20	0.67	SW 8260B	10/31/2003	mae	5544
Surr: Dibromofluoromethane	102	%		91-107	SW 8260B	10/31/2003	mae	5544
Surr: Toluene-d8	99	%		89-109	SW 8260B	10/31/2003	mae	5544
Surr: Bromofluorobenzene	99	%		93-109	SW 8260B	10/31/2003	mae	5544

TestAmerica
ANALYTICAL TESTING CORPORATION
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax
WDNR No. 128053530

ANALYTICAL REPORT

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

11/03/2003
Job No: 03.10255
Sample No: 545604
Account No: 67550

JOB DESCRIPTION: Delavan Well No. 4
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: CSES
Delavan, WI
Rec'd on ice

Date/Time Taken: 10/20/2003 14:30 Date Received: 10/22/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	<0.50	ug/L	0.50	1.7	SW 8260B	10/31/2003	mae	5544
1,1,1-Trichloroethane	16	ug/L	0.50	1.7	SW 8260B	10/31/2003	mae	5544
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	10/31/2003	mae	5544
Trichloroethene	11	ug/L	0.20	0.67	SW 8260B	10/31/2003	mae	5544
Surr: Dibromofluoromethane	102	%		91-107	SW 8260B	10/31/2003	mae	5544
Surr: Toluene-d8	98	%		89-109	SW 8260B	10/31/2003	mae	5544
Surr: Bromofluorobenzene	100	%		93-109	SW 8260B	10/31/2003	mae	5544

TestAmerica
ANALYTICAL TESTING CORPORATION
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WDNR No. 128053530

QUALITY CONTROL REPORT
BLANKS

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

11/03/2003

Job No: 03.10255
Account No: 67550

Job Description: Delavan Well No. 4

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
VOC - AQUEOUS - EPA 8260B						
Tetrachloroethene		5544	<0.50	0.50	1.7	ug/L
1,1,1-Trichloroethane		5544	<0.50	0.50	1.7	ug/L
1,1,2-Trichloroethane		5544	<0.25	0.25	0.83	ug/L
Trichloroethene		5544	<0.20	0.20	0.67	ug/L
Surr: Dibromofluoromethane		5544	100.4		91-107	%
Surr: Toluene-d8		5544	98.2		89-109	%
Surr: Bromofluorobenzene		5544	98.2		93-109	%
VOC - AQUEOUS - EPA 8260B						
Trichloroethene		5548	<0.20	0.20	0.67	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

03102E

TestAmerica ANALYTICAL TESTING CORPORATION

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring ________

Client Name: STA-Rite   Client #: ________
Address: 293 Wright Street
City/State/Zip Code: Delavan WI 53115
Project Manager: J. Raymond
Telephone Number: 262-728-7216   Fax: 262-728-7213
Sampler Name: (Print Name) Lewis Lindloff
Sampler Signature: ________

Project Name: Semi-annual Delavan well #4
Project #: Delavan well #4
Site/Location ID: Delavan   State: WI
Report To: J. Raymond
Invoice To: J. Raymond
Quote #: ________   PO#: ________

TAT: [X] Standard ___ Rush (surcharges may apply)
Date Needed: ________
Fax Results: Y N

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	TCS	TCA	PCE	REMARKS
D-15	10/22/03	11:53	G		GW		2						X	X	X	
TW-3	↓	12:53	↓		↓		2						↓	↓	↓	
D-25R	↓	13:30	↓		↓		2						↓	↓	↓	
MW1627	↓	14:10	↓		↓		2						↓	↓	↓	
EX-7	↓	14:22	↓		↓		2						↓	↓	↓	
CSES	↓	14:30	↓		↓		2						↓	↓	↓	

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: ________

Special Instructions:

Relinquished By: [signature]	Date: 10/22/03	Time:	Received By: [signature]	Date: 10/22	Time: 11:20
Relinquished By: [signature]	Date: 10/22	Time: 1445	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: [signature]	Date: 10/22	Time: 14Y

LABORATORY COMMENTS:
Init Lab Temp: mile
Rec Lab Temp:
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

[signature] 10/23/03

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	CONDUCT-IVITY	TEMP.	SAMPLER INITALS	REMARKS
D-15		10-20-03	11:55	38.00	34.78	3.22	2.09				LP	
TW-3		10-20-03	12:55	48.00	35.58	12.42	8.09				LP	
D-25R		10-20-03	13:30	43.25	35.42	7.83	5.10				LP	
MW1027		10-20-03	14:10	37.31	32.50	4.81	3.13				LP	
EX-7		10-2003	14:22								LP	
C5ES		10-20-03	14:30								LP	

" Well purge volume = ft. of water x ~~.592~~ 2.61
" Well purge volume = ft. of water x ~~.345~~ .652

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

Sta-Rite Delavan.
MASTERFILE COPY
PROJECT # 4169.002
CC: Mark Jones

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

12/24/2003

Job No: 03.12205

Page 1 of 11

The following samples were received by TestAmerica for analysis:

4169.002 Sta-Rite Delavan

Sample Number	Sample Description	Date Taken	Date Received
552887	TW-306	12/15/2003	12/16/2003
552888	TW-303	12/15/2003	12/16/2003
552889	TW-304	12/15/2003	12/16/2003
552890	TW-305	12/15/2003	12/16/2003
552891	MW-1026	12/15/2003	12/16/2003
552892	EX-3	12/15/2003	12/16/2003

Brian D. DeJong
Organic Operations Manager

GEOTRANS, INC.
Job No: 03.12205

12/24/2003

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.

TestAmerica
ANALYTICAL TESTING CORPORATION

WDNR No. 128053530
602 Commerce Drive • Watertown, WI 53094 • 920-261-1660 • 920-261-8120 Fax

ANALYTICAL REPORT

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

12/24/2003
Job No: 03.12205
Sample No: 552887
Account No: 39150

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: TW-306
Delavan, WI
Rec'd at 4 degrees C

Date/Time Taken: 12/15/2003 12:00 Date Received: 12/16/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	<0.50	ug/L	0.50	1.7	SW 8260B	12/23/2003	mae	5752
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1.7	SW 8260B	12/23/2003	mae	5752
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/23/2003	mae	5752
Trichloroethene	<0.20	ug/L	0.20	0.67	SW 8260B	12/23/2003	mae	5752
Vinyl Chloride	<0.20	ug/L	0.20	0.67	SW 8260B	12/23/2003	mae	5752
Surr: Dibromofluoromethane	96	%		91-107	SW 8260B	12/23/2003	mae	5752
Surr: Toluene-d8	105	%		89-109	SW 8260B	12/23/2003	mae	5752
Surr: Bromofluorobenzene	93	%		93-109	SW 8260B	12/23/2003	mae	5752

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
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ANALYTICAL REPORT

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

12/24/2003
Job No: 03.12205
Sample No: 552888
Account No: 39150

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: TW-303
Delavan, WI
Rec'd at 4 degrees C

Date/Time Taken: 12/15/2003 12:30 Date Received: 12/16/2003

Parameter		Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B									
Tetrachloroethene		<0.50	ug/L	0.50	1.7	SW 8260B	12/23/2003	mae	5752
1,1,1-Trichloroethane		0.87	ug/L	0.50	1.7	SW 8260B	12/23/2003	mae	5752
1,1,2-Trichloroethane		<0.25	ug/L	0.25	0.83	SW 8260B	12/23/2003	mae	5752
Trichloroethene		12	ug/L	0.20	0.67	SW 8260B	12/23/2003	mae	5752
Vinyl Chloride		<0.20	ug/L	0.20	0.67	SW 8260B	12/23/2003	mae	5752
Surr: Dibromofluoromethane		95	%		91-107	SW 8260B	12/23/2003	mae	5752
Surr: Toluene-d8		102	%		89-109	SW 8260B	12/23/2003	mae	5752
Surr: Bromofluorobenzene	C	92	%		93-109	SW 8260B	12/23/2003	mae	5752

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
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ANALYTICAL REPORT

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

12/24/2003
Job No: 03.12205
Sample No: 552889
Account No: 39150

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: TW-304
Delavan, WI
Rec'd at 4 degrees C

Date/Time Taken: 12/15/2003 12:55 Date Received: 12/16/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	<0.50	ug/L	0.50	1.7	SW 8260B	12/23/2003	mae	5752
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1.7	SW 8260B	12/23/2003	mae	5752
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	12/23/2003	mae	5752
Trichloroethene	<0.20	ug/L	0.20	0.67	SW 8260B	12/23/2003	mae	5752
Vinyl Chloride	<0.20	ug/L	0.20	0.67	SW 8260B	12/23/2003	mae	5752
Surr: Dibromofluoromethane	96	%		91-107	SW 8260B	12/23/2003	mae	5752
Surr: Toluene-d8	105	%		89-109	SW 8260B	12/23/2003	mae	5752
Surr: Bromofluorobenzene	93	%		93-109	SW 8260B	12/23/2003	mae	5752

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
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ANALYTICAL REPORT

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

12/24/2003
Job No: 03.12205
Sample No: 552890
Account No: 39150

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: TW-305
Delavan, WI
Rec'd at 4 degrees C

Date/Time Taken: 12/15/2003 13:35 Date Received: 12/16/2003

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B								
Tetrachloroethene	<1.0	ug/L	0.50	1.7	SW 8260B	12/23/2003	mae	5752
1,1,1-Trichloroethane	6.6	ug/L	0.50	1.7	SW 8260B	12/23/2003	mae	5752
1,1,2-Trichloroethane	<0.50	ug/L	0.25	0.83	SW 8260B	12/23/2003	mae	5752
Trichloroethene	100	ug/L	0.20	0.67	SW 8260B	12/23/2003	mae	5752
Vinyl Chloride	<0.40	ug/L	0.20	0.67	SW 8260B	12/23/2003	mae	5752
Surr: Dibromofluoromethane	97	%		91-107	SW 8260B	12/23/2003	mae	5752
Surr: Toluene-d8	106	%		89-109	SW 8260B	12/23/2003	mae	5752
Surr: Bromofluorobenzene	94	%		93-109	SW 8260B	12/23/2003	mae	5752

ANALYTICAL REPORT

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

12/24/2003
Job No: 03.12205
Sample No: 552891
Account No: 39150
Page 7 of 11

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-1026
Delavan, WI
Rec'd at 4 degrees C

Date/Time Taken: 12/15/2003 14:10 Date Received: 12/16/2003

Parameter		Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B									
Tetrachloroethene		<0.50	ug/L	0.50	1.7	SW 8260B	12/23/2003	mae	5752
1,1,1-Trichloroethane		34	ug/L	0.50	1.7	SW 8260B	12/23/2003	mae	5752
1,1,2-Trichloroethane		<0.25	ug/L	0.25	0.83	SW 8260B	12/23/2003	mae	5752
Trichloroethene		10	ug/L	0.20	0.67	SW 8260B	12/23/2003	mae	5752
Vinyl Chloride		<0.20	ug/L	0.20	0.67	SW 8260B	12/23/2003	mae	5752
Surr: Dibromofluoromethane		96	%		91-107	SW 8260B	12/23/2003	mae	5752
Surr: Toluene-d8		101	%		89-109	SW 8260B	12/23/2003	mae	5752
Surr: Bromofluorobenzene	C	90	%		93-109	SW 8260B	12/23/2003	mae	5752

ANALYTICAL REPORT

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

12/24/2003
Job No: 03.12205
Sample No: 552892
Account No: 39150
Page 8 of 11

JOB DESCRIPTION: 4169.002 Sta-Rite Delavan
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: EX-3
Delavan, WI
Rec'd at 4 degrees C

Date/Time Taken: 12/15/2003 14:20 Date Received: 12/16/2003

Parameter		Results	Units	MDL	LOQ	Method	Date Analyzed	Analyst	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B									
Tetrachloroethene		<0.50	ug/L	0.50	1.7	SW 8260B	12/24/2003	mae	5759
1,1,1-Trichloroethane		22	ug/L	0.50	1.7	SW 8260B	12/24/2003	mae	5759
1,1,2-Trichloroethane		<0.25	ug/L	0.25	0.83	SW 8260B	12/24/2003	mae	5759
Trichloroethene		10	ug/L	0.20	0.67	SW 8260B	12/24/2003	mae	5759
Vinyl Chloride		<0.20	ug/L	0.20	0.67	SW 8260B	12/24/2003	mae	5759
Surr: Dibromofluoromethane	C	113	%		91-107	SW 8260B	12/24/2003	mae	5759
Surr: Toluene-d8		95	%		89-109	SW 8260B	12/24/2003	mae	5759
Surr: Bromofluorobenzene		109	%		93-109	SW 8260B	12/24/2003	mae	5759

TestAmerica
ANALYTICAL TESTING CORPORATION
WDNR No. 128053530
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QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

12/24/2003

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

Job No: 03.12205
Account No: 39150

Job Description: 4169.002 Sta-Rite Delavan

Parameter	Run Batch	True Value	Observed Value	Percent Recovery	Control Limits
VOC - AQUEOUS - EPA 8260B					
Trichloroethene	5752	50.0	47.5	95	80 - 120
Vinyl Chloride	5752	50.0	47.7	95	80 - 120
Surr: Dibromofluoromethane	5752	50.0	47.7	95	88 - 112
Surr: Toluene-d8	5752	50.0	49.0	98	89 - 112
Surr: Bromofluorobenzene	5752	50.0	49.1	98	90 - 114
VOC - AQUEOUS - EPA 8260B					
Trichloroethene	5759	50.0	49.0	98	80 - 120
Vinyl Chloride	5759	50.0	58.5	117	80 - 120
Surr: Dibromofluoromethane	5759	50.0	55.1	110	88 - 112
Surr: Toluene-d8	5759	50.0	46.7	93	89 - 112
Surr: Bromofluorobenzene	5759	50.0	53.1	106	90 - 114

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QUALITY CONTROL REPORT
BLANKS

12/24/2003

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

Job No: 03.12205
Account No: 39150

Job Description: 4169.002 Sta-Rite Delavan

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
VOC - AQUEOUS - EPA 8260B						
Tetrachloroethene		5752	<0.50	0.50	1.7	ug/L
1,1,1-Trichloroethane		5752	<0.50	0.50	1.7	ug/L
1,1,2-Trichloroethane		5752	<0.25	0.25	0.83	ug/L
Trichloroethene		5752	<0.20	0.20	0.67	ug/L
Vinyl Chloride		5752	<0.20	0.20	0.67	ug/L
Surr: Dibromofluoromethane		5752	97.2		91-107	%
Surr: Toluene-d8		5752	101.0		89-109	%
Surr: Bromofluorobenzene		5752	92.8		93-109	%
VOC - AQUEOUS - EPA 8260B						
Tetrachloroethene		5759	<0.50	0.50	1.7	ug/L
1,1,1-Trichloroethane		5759	<0.50	0.50	1.7	ug/L
1,1,2-Trichloroethane		5759	<0.25	0.25	0.83	ug/L
Trichloroethene		5759	<0.20	0.20	0.67	ug/L
Vinyl Chloride		5759	<0.20	0.20	0.67	ug/L
Surr: Dibromofluoromethane		5759	111.4		91-107	%
Surr: Toluene-d8		5759	94.4		89-109	%
Surr: Bromofluorobenzene		5759	107.4		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

QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE

12/24/2003

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

Job No: 03.12205
Account No: 39150

Job Description: 4169.002 Sta-Rite Delavan

Analyte	Prep Batch Number	Run Batch Number	Sample Result	Spike Amount	Units	Matrix Spike Result	MSD Result	MS Percent Recovery	MSD Percent Recovery	Control Limits	Relative Percent Difference
VOC - AQUEOUS - EPA 8260B											
Trichloroethene		5752	<0.20	50.0	ug/L	44.3	47.0	89	94	80 - 117	5.9
Surr: Dibromofluoromethane		5752	47.9	50.0	ug/L	47.4	48.3	95	97	88 - 112	1.9
Surr: Toluene-d8		5752	53.7	50.0	ug/L	51.8	54.1	104	108	89 - 112	4.3
Surr: Bromofluorobenzene		5752	48.2	50.0	ug/L	50.4	51.0	101	102	90 - 114	1.2
VOC - AQUEOUS - EPA 8260B											
Trichloroethene		5759	<0.20	50.0	ug/L	48.0	48.1	96	96	80 - 117	0.2
Surr: Dibromofluoromethane		5759	54.9	50.0	ug/L	54.5	53.7	109	107	88 - 112	1.5
Surr: Toluene-d8		5759	47.5	50.0	ug/L	47.2	47.1	94	94	89 - 112	0.2
Surr: Bromofluorobenzene		5759	54.0	50.0	ug/L	52.3	53.1	105	106	90 - 114	1.5

03.12205

TestAmerica INCORPORATED

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name: GeoTrans Client #: _____
Address: 175 N. Corporate Dr.
City/State/Zip Code: Brookfield, WI 53045
Project Manager: Mark Manthey
Telephone Number: 262-792-1288 Fax: 262-792-1310
Sampler Name: (Print Name) Kathryn Schoephoester
Sampler Signature: Kathryn Schoephoester

Project Name: Stg-Rite Delavan
Project #: 4169.002
Site/Location ID: Delavan WI State: WI
Report To: Mark Manthey
Invoice To: Same
Quote #: _____ PO#: _____

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: _____
Fax Results: Y N

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: PCE	1,1,1-TCA	1,1,2-TCA	TCE	Vinyl Chloride						REMARKS
TW-306	12-15-03	1200	G	N	GW		3						X	X	X	X	X						
TW-303		1230	G	N			3						X	X	X	X	X						
TW-304		1255	G	N			3						X	X	X	X	X						
TW-305		1335	G	N			3						X	X	X	X	X						
MW-1026		1410	G	N			3						X	X	X	X	X						
Ex-3	↓	1420	G	N	↓		3						X	X	X	X	X						

Special Instructions:

LABORATORY COMMENTS:
Init Lab Temp: 4
Rec Lab Temp:

Relinquished By: Kathryn Schoephoester	Date: 12-15-03	Time: 1700	Received By:	Date: 12-16-03	Time: 838	
Relinquished By:	Date: 12/16	Time: 1415	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date: 12/16	Time: 1445	

Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

12/17/03

APPENDIX E

SOIL BORING LOGS AND BOREHOLE ABANDONMENT FORMS

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 2

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sta-Rite Industries	_ _ _ _ _ _ _	SB-Sump E

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dennis Last Name: Totzke Firm: On-Site Environmental	09/16/2003 (m m d d y y y y)	09/16/2003 (m m d d y y y y)	GeoProbe

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
SW 1/4 of NE 1/4 of Section 17, T 2 N, R 16 E/W

Lat ° ' "
Long ° ' "

Local Grid Location
_____ Feet ☐ N _____ Feet ☐ E
_____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
265010900	Walworth	65	Delavan

Sample Number and Type	Sample Length Att. & 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	Blind drill to 16 feet.										
			2											
			3											
			4											
			5											
			6											
			7											
			8											
			9											
			10											
			11											
			12											

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

Signature Kathryn Schaefer | Firm GeoTrans, Inc. 175 N. Corporate Dr. Brookfield, WI 53045

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SB-SumpE 9/16/03

Sample Run and	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1			13											
			14											
			15					745 (0.0)						
			16	16'-28': Silty Sand, some fine to coarse gravel										
			17											
	36"	NA	18	20': wet silty sand, strong odor	SM									
2			19					752 (0.0)						
			20											
			21											
	24"	NA	22		SM									
3			23					42.9 (0.0)						
			24											
		NA	25		SM									
4	32"		26					3.7 (0.0)						
			27											
5		NA	28	EOB: 28.0	SM			14.9 (0.0)						

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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, 289, 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

WI Unique Well No. _____ | DNR Well ID No. _____ | County: Walworth

Common Well Name: SB-SumpE | Gov't Lot (If applicable): _____

Grid Location: SW 1/4 of NE 1/4 of Sec. 17 ; T. 2 N; R. 16 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ___ ° ___ ' ___ . ___ " Long ___ ° ___ ' ___ . ___ " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Open Borehole | WI Unique Well No. of Replacement Well: _____

(2) FACILITY / OWNER INFORMATION

Facility Name: Sta-Rite Industries

Facility ID: 2650/0900 | License/Permit/Monitoring No.: _____

Street Address of Well: 293 Wright St.

City, Village, or Town: Delavan, WI 53115

Present Well Owner: Sta-Rite | Original Owner: Same

Street Address or Route of Owner: Same

City, State, Zip Code: Same

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 9-16-03

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): NA | Casing Diameter (in.): NA | Casing Depth (ft.): NA

Lower Drillhole Diameter (in.): 2.0"

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? NA Feet

Depth to Water (Feet): NA

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	NA
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☐ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) gravity

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☒ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ 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
Chipped bentonite	Surface	28.0	0.196 ft³	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: On-Site Environmental | Date of Abandonment: 9-16-03

Signature of Person Doing Work | Date Signed

Street or Route: PO Box 280 | Telephone Number: (608) 837-8992

City, State, Zip Code: Sun Prairie, WI 53590

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Facility/Project Name: Sta-Rite Industries	License/Permit/Monitoring Number: _____	Boring Number: SB-303-1
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Dennis Last Name: Totzke Firm: On-Site Environmental	Date Drilling Started: 09/16/2003 (m m d d y y y y)	Date Drilling Completed: 09/16/2003	Drilling Method: Geoprobe
WI Unique Well No.: _____	DNR Well ID No.: _____	Well Name: NA	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E S/C/N	Lat ° ' "	Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
SW 1/4 of NE 1/4 of Section 17, T 2 N, R 16 (E)W			
Facility ID: 265010900	County: Walworth	County Code: 65	Civil Town/City/ or Village: Delavan

Sample Number and Type	Sample Length Att. & 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			5	Blind drill to 15 feet.										
			10											
			15	Refusal at 15 feet before target depth for temporary monitor well reached.										

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

Signature: Mark A. Hartley Firm: GeoTrans, Inc. 175 N. Corporate Dr., Brookfield, WI 53045

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State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No. _____ | DNR Well ID No. | County: Walworth

Common Well Name: SB-303-1 | Gov't Lot (If applicable): _____

Grid Location: SW 1/4 of NE 1/4 of Sec. 17 ; T. 2 N; R. 16 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ___ ___ ___ Long ___ ___ ___ or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: refusal before target depth | WI Unique Well No. of Replacement Well: _____

(2) FACILITY / OWNER INFORMATION

Facility Name: Sta-Rite Industries

Facility ID: 26501900 | License/Permit/Monitoring No.:

Street Address of Well: 293 Wright Street

City, Village, or Town: Delavan, WI 53115

Present Well Owner: Sta-Rite | Original Owner: Same

Street Address or Route of Owner: Same

City, State, Zip Code: Same

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 9/16/03

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) GeoProbe.

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) NA (From groundsurface) | Casing Diameter (in.) NA | Casing Depth (ft.) NA

Lower Drillhole Diameter (in.) 2.0"

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? NA Feet

Depth to Water (Feet) NA

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	NA
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☐ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) Gravity

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☒ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ 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
Chipped bentonite	Surface	15	0.5	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: On-Site Environmental | Date of Abandonment: 9/16/03

Signature of Person Doing Work | Date Signed

Street or Route: PO Box 280 | Telephone Number: (608) 837-8992

City, State, Zip Code: Sun Prairie, WI 53590

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: Sta-Rite Industries	License/Permit/Monitoring Number: _____	Boring Number: SB-303-2
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Dennis Last Name: Totzke — Firm: On-Site Environmental	Date Drilling Started: 09/16/2003 (mm/dd/yyyy)	Date Drilling Completed: 09/16/2003 (mm/dd/yyyy) — Drilling Method: Geoprobe
WI Unique Well No.: _____	DNR Well ID No.: _____ — Well Name: NA	Final Static Water Level: _____ Feet MSL — Surface Elevation: _____ Feet MSL — Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E S/C/N — Lat ° ' " — Long ° ' "	Local Grid Location: _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W	
SW 1/4 of NE 1/4 of Section 17, T 2 N, R 16 E/W		
Facility ID: 265010900 — County: Walworth — County Code: 65 — Civil Town/City/ or Village: Delavan		

Sample: Number and Type	Length Att. & 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			5	Blind drill to 15 feet.										
			10											
			15	Refusal at 15 feet before target depth for temporary monitor well reached.										

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

Signature: Mark A. Hartley — Firm: GeoTrans, Inc. 175 N. Corporate Dr., Brookfield, WI 53045

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State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No. _____ | DNR Well ID No. _____ | County: Walworth

Common Well Name: SB-303-2 | Gov't Lot (If applicable): _____

Grid Location: SW 1/4 of NE 1/4 of Sec. 17 ; T. 2 N; R. 16 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ° ' . " Long ° ' . " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: refusal before target depth | WI Unique Well No. of Replacement Well: _____

(2) FACILITY / OWNER INFORMATION

Facility Name: Sta-Rite Industries

Facility ID: 2650/0900 | License/Permit/Monitoring No.: _____

Street Address of Well: 293 Wright Street

City, Village, or Town: Delavan, WI 53115

Present Well Owner: Sta-Rite | Original Owner: Same

Street Address or Route of Owner: Same

City, State, Zip Code: Same

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 9/16/03

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) _____ (From groundsurface) | Casing Diameter (in.) NA | Casing Depth (ft.) NA

Lower Drillhole Diameter (in.) 2.0"

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? NA Feet

Depth to Water (Feet) NA

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	NA
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☐ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) gravity

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☒ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ 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
Chipped Bentonite	Surface	15	0.5	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: On-Site Environmental | Date of Abandonment: 9/16/03

Signature of Person Doing Work | Date Signed

Street or Route: PO Box 280 | Telephone Number: (608) 837-8992

City, State, Zip Code: Sun Prairie, WI 53590

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

tate of Wisconsin
epartment of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: Sta-Rite Industries	License/Permit/Monitoring Number: _____	Boring Number: SB-306
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Dennis Last Name: Totzke Firm: On-Site Environmental	Date Drilling Started: 09/16/2003 (m m d d y y y y)	Date Drilling Completed: 09/16/2003	Drilling Method: Geoprobe
WI Unique Well No.: _____ DNR Well ID No.: _____ Well Name: NA	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E S/C/N	Lat ° ' " Long ° ' "	Local Grid Location: _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W
SW 1/4 of NE 1/4 of Section 17, T 2 N, R 16 E W		
Facility ID: 265010980	County: Walworth	County Code: 65	Civil Town/City/ or Village: Delavan

Sample Number and Type	Sample Length Att. & 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			5	Blind drill to 12 feet.										
			10	Refusal at 12 feet										
			15	before target depth for temporary monitor well reached.										

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

Signature: Mark A. Hartley Firm: GeoTrans, Inc, 175 N. Corporate Dr., Brookfield, WI 53045

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State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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

(1) GENERAL INFORMATION

WI Unique Well No. _____ | DNR Well ID No. | County: Walworth

Common Well Name: SB-306 | Gov't Lot (If applicable): _____

SW 1/4 of NE 1/4 of Sec. 17 ; T. 2 N; R. 16 ☒ E ☐ W
Grid Location

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ° ' " Long ° ' " or

St. Plane _____ ft. N. _____ ft. E. ☐S ☐C ☐N Zone

Reason For Abandonment: refusal before target depth | WI Unique Well No. of Replacement Well: _____

(2) FACILITY/OWNER INFORMATION

Facility Name: Sta-Rite Industries

Facility ID: 2650 10900 | License/Permit/Monitoring No.:

Street Address of Well: 293 Wright St.

City, Village, or Town: Delavan, WI 53115

Present Well Owner: Sta-Rite | Original Owner: Same

Street Address or Route of Owner: Same

City, State, Zip Code: Same

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 9/16/03

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify): geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): NA | Casing Diameter (in.): NA | Casing Depth (ft.): NA

Lower Drillhole Diameter (in.): 2.0"

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? NA Feet

Depth to Water (Feet): NA

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☐ No	NA
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain): gravity

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☒ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Chipped Bentonite	Surface	12	0.5	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: On-Site Environmental | Date of Abandonment: 9/16/03

Signature of Person Doing Work | Date Signed

Street or Route: PO BOX 280 | Telephone Number: (608) 837-8992

City, State, Zip Code: Sun Prairie, WI 53590

FOR DNR OR TRIBAL USE ONLY
Date Received | Reviewed By
Comments

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: Sta-Rite Industries	License/Permit/Monitoring Number: _____	Boring Number: SB-300
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Dennis Last Name: Totzke — Firm: On-Site Environmental	Date Drilling Started: 09/17/2003 (m m d d y y y y)	Date Drilling Completed: 09/17/2003	Drilling Method: Geoprobe
WI Unique Well No.: _____	DNR Well ID No.: _____	Well Name: NA	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E S/C/N	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
SW 1/4 of NE 1/4 of Section 17, T 2 N, R 16 (E)W		
Facility ID: 265010900	County: Walworth	County Code: 65	Civil Town/City/ or Village: Delavan

Sample Number and Type	Sample Length Att. & 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			5	Blind drill to 26 feet. Refusal at 26 feet before target depth for temporary monitor well reached.										
			10											
			15											
			20											
			25											
			30											

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

gnature: Mark A. Hartley — Firm: GeoTrans, Inc. 175 N. Corporate Dr., Brookfield, WI 53045

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.

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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, 289, 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

WI Unique Well No. _ _ _ _ _ | DNR Well ID No. | County: Walworth

Common Well Name: SB-300 | Gov't Lot (If applicable): _____

Grid Location: SW 1/4 of NE 1/4 of Sec. 17 ; T. 2 N; R. 16 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ° ' " Long ° ' " or

St. Plane _____ ft. N. _____ ft. E. ☐S ☐C ☐N Zone

Reason For Abandonment: refusal before target depth | WI Unique Well No. of Replacement Well: _ _ _ _ _

(2) FACILITY/OWNER INFORMATION

Facility Name: Sta-Rite Industries

Facility ID: 265010900 | License/Permit/Monitoring No.:

Street Address of Well: 293 Wright St.

City, Village, or Town: Delavan, WI 53115

Present Well Owner: Sta-Rite | Original Owner: Same

Street Address or Route of Owner: Same

City, State, Zip Code: Same

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 9/17/03

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify): Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): NA | Casing Diameter (in.): NA | Casing Depth (ft.): NA

Lower Drillhole Diameter (in.): 2.0"

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? _____ Feet

Depth to Water (Feet): 26'

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	NA
Did Material Settle After 24 Hours?	☐ Yes	☐ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain): gravity

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☒ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ 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
Chipped bentonite	Surface	30	1.0	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: On-Site Environmental | Date of Abandonment: 9/17/03

Signature of Person Doing Work | Date Signed

Street or Route: PO BOX 280 | Telephone Number: (608) 837-8992

City, State, Zip Code: Sun Prairie, WI 53590

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: Sta-Rite Industries	License/Permit/Monitoring Number: _____	Boring Number: SB-301
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Dennis Last Name: Totzke — Firm: On-Site Environmental	Date Drilling Started: 09/17/2003 (m m d d y y y y)	Date Drilling Completed: 09/17/2003	Drilling Method: Geoprobe
WI Unique Well No.: _____	DNR Well ID No.: _____	Well Name: NA	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E S/C/N	Lat ° ' " — Long ° ' "	Local Grid Location: _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W
SW 1/4 of NE 1/4 of Section 17, T 2 N, R 16 (E) W		
Facility ID: 265010900	County: Walworth	County Code: 65	Civil Town/City/ or Village: Delavan

Sample Number and Type	Sample Length Att. & 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			5	Blind drill to 27 feet.										
			10											
			15	Refusal at 27 feet										
			20											
			25	before target depth										
			30	for temporary monitor well reached.										

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

Signature: Mark A. Hartley — Firm: GeoTrans, Inc, 175 N. Corporate Dr., Brookfield, WI 53045

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State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000 Page 1 of 2

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

(1) GENERAL INFORMATION

WI Unique Well No. _____ | DNR Well ID No. | County: Walworth

Common Well Name: SB-301 | Gov't Lot (If applicable): _____

Grid Location: SW 1/4 of NE 1/4 of Sec. 17 ; T. 2 N; R. 16 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ° ' " Long ° ' " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: refusal before target depth | WI Unique Well No. of Replacement Well: _____

(2) FACILITY/OWNER INFORMATION

Facility Name: Sta-Rite Industries

Facility ID: 265010900 | License/Permit/Monitoring No.: _____

Street Address of Well: 293 Wright Street

City, Village, or Town: Delavan, WI 53115

Present Well Owner: Sta-Rite | Original Owner: Same

Street Address or Route of Owner: Same

City, State, Zip Code: Same

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 9/17/03

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) NA (From groundsurface) | Casing Diameter (in.) NA | Casing Depth (ft.) NA

Lower Drillhole Diameter (in.) 2.0"

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? NA Feet

Depth to Water (Feet) 26'

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	NA
Did Material Settle After 24 Hours?	☐ Yes	☐ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) gravity

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☒ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole

Material	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Chipped bentonite	Surface	27'	1.0	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: On-Site environmental | Date of Abandonment: 9/17/03

Signature of Person Doing Work | Date Signed

Street or Route: PO Box 280 | Telephone Number: (608) 837-8992

City, State, Zip Code: Sun Prairie, WI 53590

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122

MASTERFILE COPY
PROJECT #
CC:

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sta-Rite		TW-303

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Boart Longyear - R. Radke	9/24/2003	9/24/2003	3 1/4" HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		TW-303	913.34 Feet MSL	944.57 Feet MSL	7.0 Inches

Boring Location or Local Grid Origin (Check if estimated: ☐)
State Plane 233,250 N; 2,370,650 E ☒ C/N
SW 1/4 of NE 1/4 of Section 17, T 2 N, R 16 E
Lat. ° ' "
Long. ° ' "
Local Grid Location (If applicable)
☐ N Feet ☐ S ☐ E Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
~~11632~~ 26501/0900	Walworth	65	Delavan

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

RECEIVED
OCT 20 2003
HSI GeoTrans
Milwaukee

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

Signature

Firm Boart Longyear Company
101 Alderson Street Schofield, WI 54476

Tel: 715-359-7090
Fax: 715-355-5715

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completions 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 be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A Rev. 5-97

Boring Number TW-303 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			13											
			14											
			15											
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
1 SS	24 12	2 2 6 7	27							W				
			28	Lt Brn Silty SAND										
2 SS	24 12	2 3 5 6	29							W				
			30											
3 SS	24 13	10 8 11	31							W				
			32											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A Rev. 5-97

Boring Number TW-303 Use only as an attachment to Form 4400-122. Page 3 of 3

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
		14		Silty SAND & Brn CLAY										
4 SS	24 4	8 10 11 12	33							W				
			34	M-C SAND										
			35											
			36	EOB 36.0' Well Set 35.5'										

State of Wisconsin
Department of Natural Resources Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 6-97

Facility/Project Name: Sta-Rite	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: TW-303
Facility License, Permit or Monitoring No.	Grid Origin Location (Check if estimated: ☐) Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well Number
Facility ID: 2650/0900 ~~1632~~	St. Plane 233,250 ft. N, 2,370,650 ft. E. ☒C/N	Date Well Installed: 09/24/2003
Type of Well: Temporary Well; Well Code 11/mw	Section Location of Waste/Source: SW 1/4 of NE 1/4 of Sec. 17, T. 2 N, R. 16 ☒E ☐W	Well Installed By: (Person's Name and Firm): R. Radke; Boart Longyear
Distance Well Is From Waste/Source Boundary: 0 ft.	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☒ Sidegradient; d ☐ Downgradient n ☐ Not Known	

A. Protective pipe, top elevation: NA ft. MSL
B. Well casing, top elevation: 946.74 ~~946.00~~ ft. MSL
C. Land surface elevation: 944.57 ft. MSL
D. Surface seal, bottom: ____ ft. MSL or 0.5 ft.

12. USC classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☒ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☐ No

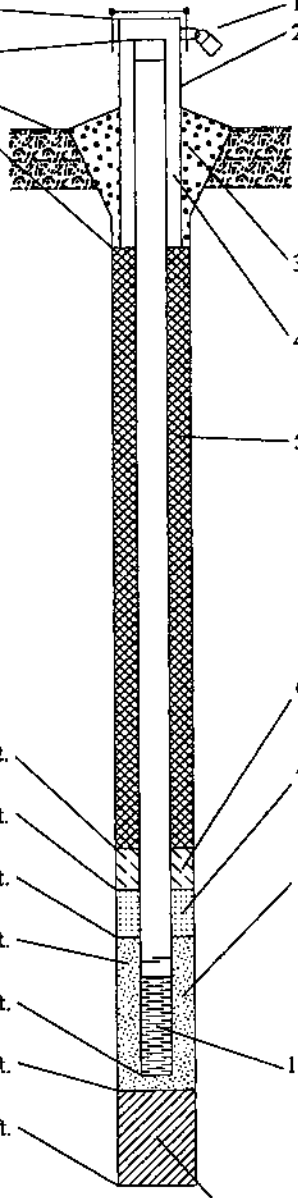
14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; ____ Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☐ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe ____

17. Source of water (attach analysis): ____

E. Bentonite seal, top: ____ ft. MSL or 0.5 ft.
F. Fine sand, top: ____ ft. MSL or 21.5 ft.
G. Filter pack, top: ____ ft. MSL or 23.5 ft.
H. Screen joint, top: ____ ft. MSL or 25.5 ft.
I. Well bottom: ____ ft. MSL or 35.5 ft.
J. Filter pack, bottom: ____ ft. MSL or 36.0 ft.
K. Borehole, bottom: ____ ft. MSL or 36.0 ft.
L. Borehole, diameter: 7.0 in.
M. O.D. well casing: 1.30 in.
N. I.D. well casing: 1.20 in.



1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: ____ in.
b. Length: ____ ft.
c. Material: NA; Steel ☐ 04; Other ☒
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____
3. Surface seal: Bentonite ☒ 30; Concrete ☐ 01; ____ Other ☐
4. Material between well casing and protective pipe: Bentonite ☐ 30; NA Other ☒
5. Annular space seal: a. Granular Bentonite ☒ 33
b. ____ Lbs/gal mud weight . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . Bentonite-cement grout ☐ 50
e. ____ Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
c. ____ Other ☐
7. Fine sand material: Manufacturer, product name and mesh size
a. #70 Badger
b. Volume added ____ ft³
8. Filter pack material: Manufacturer, product name and mesh size
a. #40 Badger
b. Volume added ____ ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; ____ Other ☐
10. Screen material: PVC
a. Screen Type: Factory cut ☒ 11; Continuous slot ☐ 01; ____ Other ☐
b. Manufacturer Boart Longyear
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ☒ 14; ____ Other ☐

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

Signature: [signature] Firm: Boart Longyear Company, 101 Alderson Street Schofield, WI 54476 Tel: 715-359-7090 Fax: 715-355-5715

Please complete both Forms 4400-113A and ~~4400-113B~~ and return to the appropriate DNR office and bureau. Completion of these reports 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, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduit involved. Personnally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Sta-Rite Industries	Walworth	TW-303
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	65	_____	Temporary Well

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☒ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 85 min.

4. Depth of well (from top of well casisng) 37.7 ft.

5. Inside diameter of well 1.20 in.

6. Volume of water in filter pack and well casing 2.8 gal.

7. Volume of water removed from well 8.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 33.36 ft.	33.40 ft.
Date	b. 09/25/2003 (m m d d y y y y)	09/25/2003
Time	c. 11:35 ☒ a.m. ☐ p.m.	01:00 ☐ a.m. ☒ p.m.
12. Sediment in well bottom	7.3 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)
	Brown Turbid	Tan Cloudy

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Kathryn Last Name: Schoephoester
Firm: GeoTrans, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Jon Last Name: Raymond
Facility/Firm: Sta-Rite Industries
Street: 293 Wright Street
City/State/Zip: Delavan, WI 53115

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Mark Manthey
Print Name: Mark Manthey
Firm: GeoTrans, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name: Sta-Rite Industries, Delavan	License/Permit/Monitoring Number:	Boring Number: TW-304
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Dennis Last Name: Totzke Firm: On-Site Environmental	Date Drilling Started: 09/16/2003	Date Drilling Completed: 09/16/2003 — Drilling Method: Geoprobe
WI Unique Well No.:	DNR Well ID No.:	Well Name: TW-304 — Final Static Water Level: 913.39 Feet MSL — Surface Elevation: 944.6 Feet MSL — Borehole Diameter: 2.0 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane 233,214 N, 2,370,671 E ☐S/C/N	Lat ° ' " Long ° ' "	Local Grid Location: ☐N ☐E _____ Feet ☐S _____ Feet ☐W
SW 1/4 of NE 1/4 of Section 17, T 2 N, R 16 ☐E/W		
Facility ID: 26501090	County: Walworth	County Code: 65 — Civil Town/City/ or Village: Delavan

Sample Number and Type	Sample Length Att. & 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Blind drill to 26 feet.										
1	48	NA	26	26-35: SILTY SAND, some fine to medium angular gravel, brown (7.5YR 5/4), moist, wet below 28 feet.	SM									
2	48	NA	30											
3	24	NA	35	35-36: POORLY GRADED SAND, medium to coarse, angular, wet. (SP)	SP									
				EOB: 36 feet. Well set at 34 feet										

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

Signature: Mark A. Thiele — Firm: GeoTrans, Inc. 175 N. Corporate Dr., Brookfield, WI

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.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Sta-Rite Industries	Local Grid Location of Well: ☐ N. ☐ S. _____ ft. ☐ E. ☐ W. _____ ft.	Well Name: TW-304
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID: 265010900	St. Plane 233,214 ft. N, 2,370,671 ft. E. ☒ E/N	Date Well Installed: 09/16/2003 (m m d d y y y y)
Type of Well: Temporary Well; Well Code: 11 / MW	Section Location of Waste/Source: SW 1/4 of NE 1/4 of Sec. 17, T. 2 N, R. 16 ☒ E ☐ W	Well Installed By: Name (first, last) and Firm: Dennis Totzke, On-Site Environmental
Distance from Waste/Source: 10 ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☒ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
		Gov. Lot Number:

A. Protective pipe, top elevation: NA ft. MSL
B. Well casing, top elevation: 945.08 ft. MSL
C. Land surface elevation: 944.60 ft. MSL
D. Surface seal, bottom: _____ ft. MSL or 22.0 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☒ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☐ 41; Other ☒ Geoprobe

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top: _____ ft. MSL or 0.0 ft.
F. Fine sand, top: _____ ft. MSL or NA ft.
G. Filter pack, top: _____ ft. MSL or 22.0 ft.
H. Screen joint, top: _____ ft. MSL or 24.0 ft.
I. Well bottom: _____ ft. MSL or 34.0 ft.
J. Filter pack, bottom: _____ ft. MSL or 34.0 ft.
K. Borehole, bottom: _____ ft. MSL or 36.0 ft.
L. Borehole, diameter: 2.0 in.
M. O.D. well casing: 1.30 in.
N. I.D. well casing: 1.00 in.

1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: ___.__ in.
b. Length: ___.__ ft.
c. Material: NA — Steel ☐ 04; Other ☐
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____
3. Surface seal: Bentonite ☒ 30; Concrete ☐ 01; Other ☐
4. Material between well casing and protective pipe: NA — Bentonite ☐ 30; Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☐ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☐ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. NA
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Coarse Sand
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 20.0 ft.
11. Backfill material (below filter pack): Cave-in — None ☒ 14; Other ☐

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

Signature: _____ Firm: GeoTrans, Inc. 175 N. Corporate Dr. Brookfield, WI

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports 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, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms 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 these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Sta-Rite Industries	Walworth	TW-304
Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	65	_____	Temporary Well

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☒ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 65 min.

4. Depth of well (from top of well casisng) 34.48 ft.

5. Inside diameter of well 1.00 in.

6. Volume of water in filter pack and well casing 0.2 gal.

7. Volume of water removed from well 5.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	31.62 ft.	31.66 ft.
Date b. (m m d d y y y y)	09/25/2003	09/25/2003
Time c.	10:05 ☒ a.m. ☐ p.m.	11:10 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	3.5 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) Brown Turbid	Clear ☐ 20 Turbid ☒ 25 (Describe) Tan Cloudy
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Kathryn Last Name: Schoephoester
Firm: GeoTrans, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Jon Last Name: Raymond
Facility/Firm: Sta-Rite Industries
Street: 293 Wright Street
City/State/Zip: Delavan, WI 53115

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Mark Manthey
Print Name: Mark Manthey
Firm: GeoTrans, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 5-97

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sta-Rite		TW-305

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Boart Longyear - R. Radke	9/24/2003	9/24/2003	3 1/4" HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		TW-305	913.74 Feet MSL	942.68 Feet MSL	7.0 Inches

Boring Location or Local Grid Origin (Check if estimated: ☐)
State Plane 233,276 N; 2,370,574 E. (S) C/N
SW 1/4 of NE 1/4 of Section 17, T 2 N, R 16 E

Lat. ° ' "
Long. ° ' "

Local Grid Location (If applicable)
☐ N ☐ E
Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
~~11632~~ 265010900	Walworth	65	Delaven

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

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

Signature [signature] Firm Boart Longyear Company
101 Alderson Street Schofield, WI 54476
Tel: 715-359-7090
Fax: 715-355-5715

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completions 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 be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A Rev. 5-97

Boring Number TW-305 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 SS	24 12	8 8 14 21	25							M				
			26	C SAND & GRAVEL										
2 SS	24	8 9 12 12	27 28											
3 SS	24 10	22 14 12 12	29 30							W				
				C SAND & GRAVEL w/Rock Frg										
4 SS	24 8	6 6 7	31 32							W				

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A Rev. 5-97

Boring Number TW-305 Use only as an attachment to Form 4400-122.

Sample									Soil Properties					
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
		9	33											
			34											
			35											
			36	EOB 36.0' Well Set 35.5'										

State of Wisconsin
Department of Natural Resources Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 6-97

Facility/Project Name: Sta-Rite	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: TW-305
Facility License, Permit or Monitoring No.	Grid Origin Location (Check if estimated: ☐) Lat. ° ' " Long. ° ' " or St. Plane 233,276 ft. N, 2,370,574 ft. E. ☒C/N	Wis. Unique Well No. / DNR Well Number
Facility ID 265010900 ~~11632~~		Date Well Installed: 09/24/2003
Type of Well: Temporary well, Well Code 11/mw	Section Location of Waste/Source: SW 1/4 of NE 1/4 of Sec. 17, T. 2 N, R 16 ☒E ☐W	Well Installed By: (Person's Name and Firm) R. Radke, Boart Longyear
Distance Well Is From Waste/Source Boundary: 75 ft.	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☒ Downgradient n ☐ Not Known	

A. Protective pipe, top elevation: NA ft. MSL
B. Well casing, top elevation: 945.25 ~~2.00~~ ft. MSL
C. Land surface elevation: 942.68 ft. MSL
D. Surface seal, bottom: ____ ft. MSL or 0.5 ft.

12. USC classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☐ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; ____ Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☐ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe ____

17. Source of water (attach analysis): ____

E. Bentonite seal, top: ____ ft. MSL or 0.5 ft.
F. Fine sand, top: ____ ft. MSL or 21.5 ft.
G. Filter pack, top: ____ ft. MSL or 23.5 ft.
H. Screen joint, top: ____ ft. MSL or 25.5 ft.
I. Well bottom: ____ ft. MSL or 35.5 ft.
J. Filter pack, bottom: ____ ft. MSL or 36.0 ft.
K. Borehole, bottom: ____ ft. MSL or 36.0 ft.
L. Borehole, diameter: 7.0 in.
M. O.D. well casing: 1.30 in.
N. I.D. well casing: 1.20 in.

1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: ____ in.
b. Length: ____ ft.
c. Material: NA Steel ☐ 04 Other ☒
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____
3. Surface seal: Bentonite ☒ 30 Concrete ☐ 01 ____ Other ☐
4. Material between well casing and protective pipe: Bentonite ☐ 30 NA Other ☒
5. Annular space seal: a. Granular Bentonite ☒ 33
b. ____ Lbs/gal mud weight . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . Bentonite-cement grout ☐ 50
e. ____ Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
c. ____ Other ☐
7. Fine sand material: Manufacturer, product name and mesh size
a. #70 Badger
b. Volume added ____ ft³
8. Filter pack material: Manufacturer, product name and mesh size
a. #40 Badger
b. Volume added ____ ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 ____ Other ☐
10. Screen material: PVC
a. Screen Type: Factory cut ☒ 11 Continuous slot ☐ 01 ____ Other ☐
b. Manufacturer Boart Longyear
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ☒ 14 ____ Other ☐

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

Signature: [signature] Firm: Boart Longyear Company, 101 Alderson Street Schofield, WI 54476 Tel: 715-359-7090 Fax: 715-355-5715

Please complete both Forms 4400-113A and 4400-113B and return to the appropriate DNR office and bureau. Completion of these reports 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, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and condut involved. Personnally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Sta-Rite Industries	Walworth	TW-305
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	65	_____	Temporary Well

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☒ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 170 min.

4. Depth of well (from top of well casisng) 38.07 ft.

5. Inside diameter of well 1.20 in.

6. Volume of water in filter pack and well casing 3.9 gal.

7. Volume of water removed from well 15.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 31.93 ft.	32.01 ft.
Date	b. 09/25/2003 (m m d d y y y y)	10/02/2003 (m m d d y y y y)
Time	c. 03:05 ☐ a.m. ☒ p.m.	11:30 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	8.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) Brown Turbid	Clear ☐ 20 Turbid ☒ 25 (Describe) Brown Cloudy
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Kathryn Last Name: Schoephoester
Firm: GeoTrans, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Jon Last Name: Raymond
Facility/Firm: Sta-Rite Industries
Street: 293 Wright Street
City/State/Zip: Delavan, WI 53115

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: _____
Print Name: Mark Manthey
Firm: GeoTrans, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 5-97

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Sta-Rite		TW-306

Boring Drilled By (Firm name and name of crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Boart Longyear - R. Radke	9/24/2003	9/24/2003	3 1/4" HSA

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		TW-306	913.33 Feet MSL	942.01 Feet MSL	7.0 Inches

Boring Location or Local Grid Origin (Check if estimated: ☐)
State Plane 233,353 N; 2,370,676 E ⓢ C/N
SW 1/4 of NE 1/4 of Section 17 T 2 N, R 16E
Lat. ° ' "
Long. ° ' "
Local Grid Location (If applicable)
☐ N ☐ E
Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
~~11632~~ 265010900	Walworth	65	Delaven

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	Brn Silty SAND & GRAVEL w/Cobble										
			2											
			3											
			4											
			5											
			6											
			7											
			8											
			9											
			10											
			11											
			12											

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

Signature [signature] Firm Boart Longyear Company
101 Alderson Street Schofield, WI 54476
Tel: 715-359-7090
Fax: 715-355-5715

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completions 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 be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A Rev. 5-97

Boring Number TW-306 Use only as an attachment to Form 4400-122.

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
1 SS	24 12	15 16 19 19	25							W				
			26	Brn C SAND & GRAVEL										
2 SS	24 12	4 7 9 10	27 28							W				
3 SS	24 15	4 4 5 7	29 30							W				
4 SS	24 18	12 12 19	31 32							W				

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A Rev. 5-97

Boring Number TW-306 Use only as an attachment to Form 4400-122.

Sample										Soil Properties					
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
		20	33											
			34											
			35											
				EOB 35.5' Well Set 34.5'										

State of Wisconsin
Department of Natural Resources Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 6-97

Facility/Project Name: Sta-Rite	Local Grid Location of Well: ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name: TW-306
Facility License, Permit or Monitoring No.	Grid Origin Location (Check if estimated: ☐) Lat. ° ' " Long. ° ' " or St. Plane 233,353 ft. N, 2,370,617 ft. E. (S) C/N	Wis. Unique Well No. / DNR Well Number
Facility ID: 265010900 ~~[illegible]~~	Section Location of Waste/Source: SW 1/4 of NE 1/4 of Sec. 17, T. 2 N, R. 16 ☒ E ☐ W	Date Well Installed: 09/24/2003
Type of Well: Temporary Well, Well Code 11/mw	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☒ Sidegradient d ☐ Downgradient n ☐ Not Known	Well Installed By: (Person's Name and Firm) R. Radke; Boart Longyear
Distance Well Is From Waste/Source Boundary: 35 ft.		

A. Protective pipe, top elevation: NA ft. MSL
B. Well casing, top elevation: 944.24 ~~944.00~~ ft. MSL
C. Land surface elevation: 942.01 ft. MSL
D. Surface seal, bottom: ____ ft. MSL or 0.5 ft.

12. USC classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☒
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☐ No

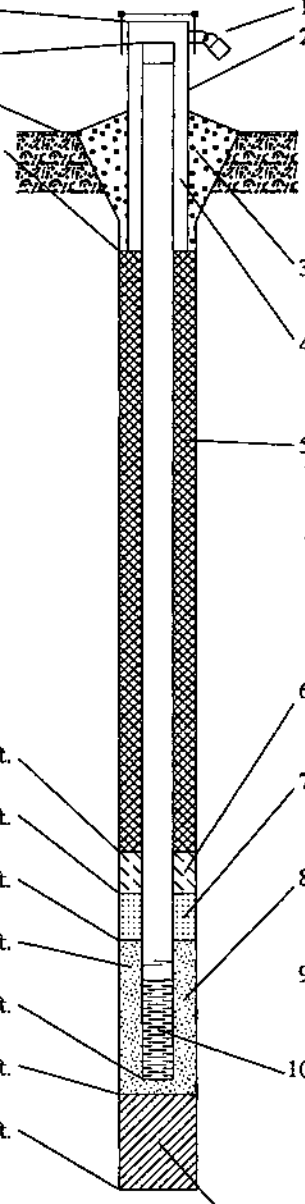
14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; ____ Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☐ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe ____

17. Source of water (attach analysis):

E. Bentonite seal, top: ____ ft. MSL or 0.5 ft.
F. Fine sand, top: ____ ft. MSL or 20.5 ft.
G. Filter pack, top: ____ ft. MSL or 22.5 ft.
H. Screen joint, top: ____ ft. MSL or 24.5 ft.
I. Well bottom: ____ ft. MSL or 34.5 ft.
J. Filter pack, bottom: ____ ft. MSL or 35.5 ft.
K. Borehole, bottom: ____ ft. MSL or 35.5 ft.
L. Borehole, diameter: 7.0 in.
M. O.D. well casing: 1.30 in.
N. I.D. well casing: 1.20 in.



1. Cap and lock? ☐ Yes ☒ No
2. Protective cover pipe:
a. Inside diameter: ____ in.
b. Length: ____ ft.
c. Material: NA Steel ☐ 04 Other ☒
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____
3. Surface seal: Bentonite ☒ 30 Concrete ☐ 01 ____ Other ☐
4. Material between well casing and protective pipe: Bentonite ☐ 30 NA Other ☒
5. Annular space seal: a. Granular Bentonite ☒ 33
b. ____ Lbs/gal mud weight . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
c. ____ Other ☐
7. Fine sand material: Manufacturer, product name and mesh size
a. #70 Badger
b. Volume added ____ ft^3
8. Filter pack material: Manufacturer, product name and mesh size
a. #40 Badger
b. Volume added ____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 ____ Other ☐
10. Screen material: PVC
a. Screen Type: Factory cut ☒ 11 Continuous slot ☐ 01 ____ Other ☐
b. Manufacturer Boart Longyear
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ☒ 14 ____ Other ☐

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

Signature: [signature] Firm: Boart Longyear Company, 101 Alderson Street Schofield, WI 54476 Tel: 715-359-7090 Fax: 715-355-5715

Please complete both Forms 4400-113A and 4400-113B and return to the appropriate DNR office and bureau. Completion of these reports 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, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and condut involved. Personnally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

City/Project Name	County Name	Well Name
Sta-Rite Industries	Walworth	TW-306
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	65	_____	Temporary Well

1. Can this well be purged dry? ☐ Yes ☒ No

2. Well development method

surged with bailer and bailed	☐	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☒	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 60 min.

4. Depth of well (from top of well casing) 36.73 ft.

5. Inside diameter of well 1.20 in.

6. Volume of water in filter pack and well casing 3.7 gal.

7. Volume of water removed from well 5.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	30.91 ft.	31.18 ft.
Date b. (m m d d y y y y)	09/25/2003	12/22/2003
Time c.	01:35 ☐ a.m. ☒ p.m.	11:41 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	7.7 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)
	Brown Turbid	Tan Cloudy
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Kathryn Last Name: Schoephoester
Firm: GeoTrans, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Jon Last Name: Raymond
Facility/Firm: Sta-Rite Industries
Address: 293 Wright Street
City/State/Zip: Delavan, WI 53115

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Mark Manthey
Print Name: Mark Manthey
Firm: GeoTrans, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

tate of Wisconsin
epartment of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☑ Other ☐ _____

Facility/Project Name: Sta-Rite Industries	License/Permit/Monitoring Number: _ _ _ _ _ _ _	Boring Number: SB-Sump E
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Dennis Last Name: Potzke Firm: On-Site Environmental	Date Drilling Started: 12/22/2003 (mm dd yyyy)	Date Drilling Completed: 12/22/2003 (mm dd yyyy)
	Drilling Method: GeoProbe	
WI Unique Well No. _ _ _ _ _ _ _	DNR Well ID No. _ _ _ _	Well Name
Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E S/C/N	Lat ° ' " Long ° ' "	Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
SW 1/4 of NE 1/4 of Section 17, T 2 N, R 16 ☐E ☐W		
Facility ID: 265010900	County: Walworth	County Code: 65
Civil Town/City/ or Village: Delavan		

Sample Number and Type	Sample Length Att. & 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: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1											
			2											
			3											
			4											
			5											
			6											
			7											
			8											
			9											
			10											
			11											
			12											

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

Signature: Kathryn Schoppenhorst Firm: GeoTrans, Inc. 175 N. Corporate Dr., Brookfield, WI 53045

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.

SB- Sump E. 12/22/03

Sample Num and	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1			13											
			14											
			15											
			16	16 - 22': Silty sand, some fine to coarse gravel, refusal at 22'.				784 (602)						
	1		17											
2	36"	NA	18		Sm									
			19					832 (0.0)						
	1		20											
			21											
			22	Eob: 22' refusal										

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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, 289, 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

WI Unique Well No. _____ | DNR Well ID No. _____ | County: Walworth

Common Well Name: SB Sump E | Gov't Lot (If applicable): ☒ E ☐ W

SW 1/4 of NE 1/4 of Sec. 17 ; T. 2 N; R. 16

Grid Location: _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ___ ° ___ ' ___ . ___ " Long ___ ° ___ ' ___ . ___ " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: Open borehole | WI Unique Well No. of Replacement Well: _____

(2) FACILITY / OWNER INFORMATION

Facility Name: Sta-Rite Industries

Facility ID: 265010900 | License/Permit/Monitoring No.: _____

Street Address of Well: 293 Wright Street

City, Village, or Town: Delavan, WI 53115

Present Well Owner: Sta-Rite | Original Owner: Same

Street Address or Route of Owner: Same

City, State, Zip Code: Same

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 12-22-03

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) Geoprobe

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): NA | Casing Diameter (in.): NA | Casing Depth (ft.): NA

Lower Drillhole Diameter (in.): 2.0"

Was Well Annular Space Grouted? ☐ Yes ☐ No ☐ Unknown

If Yes, To What Depth? NA Feet

Depth to Water (Feet): NA

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	☒ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	☒ Not Applicable
Screen Removed?	☐ Yes	☐ No	☒ Not Applicable
Casing Left in Place?	☐ Yes	☐ No	
Was Casing Cut Off Below Surface?	☐ Yes	☐ No	NA
Did Sealing Material Rise to Surface?	☐ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	☐ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☒ Other (Explain) gravity

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☒ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
☐ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole

Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Chipped bentonite	Surface	22	1	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: On-Site Environmental | Date of Abandonment: 12-22-03

Signature of Person Doing Work | Date Signed

Street or Route: PO Box 280 | Telephone Number: (608) 837-8992

City, State, Zip Code: Sun Prairie, WI 53590

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

APPENDIX F

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 Partioning Equation:
Screening Level in Soil (mg/kg) = Cw[Kd + (Ow + (Oa x H')) / Pb]

Mass-Limit Equation:
Screening Level in Soil (mg/kg)=(Cw x I x ED) / (Pb x ds)

Cw = target soil leachate concentration (mg/L)=Maximum Contaminant Level (MCL) x dilution factor

Kd=soil-water partion coefficient (L/Kg)=Koc x foc
Koc=soil organic carbon/water partition coefficient (L/kg); chemical-specific
foc=fraction organic carbon in soil (g/g): Default value=0.002 (0.2%)

Ow=water-filled soil porosity: Default=0.3
Pb=dry soil bulk density (kg/L): Default=1.5

Oa=air-filled soil porosity=n-Ow
n=soil porosity=1-(Pb/Ps)
Ps=soil particel 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:
dilution factor=1+(Kid/IL)

K=aquifer hydraulic conductivity (meters/year)
i=hydraulic gradient
d=mixing zone depth (meters)
d=(0.0112L^2)^0.5+da{1-exp[(-L x I)/(K x i x da)]}
L=souce 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 Oganic 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	ft3
	152,910,971.60	cm3
20 - 24 ft	5,400	ft3
	152,910,971.60	cm3
24 - 26 ft	2,700	ft3
	76,455,485.80	cm3
26 - 28 ft	2,700	ft3
	76,455,485.80	cm3
28 - 30 ft	2,700	ft3
	76,455,485.80	cm3
TOTAL	18,900	ft3
	535,188,400.59	cm3

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 2003 Sampling Rounds			
Sample Depth	Total VOCs		
(feet)	(ug/kg)	(kg/kg)	
16	1,204.50	0.00000120	(average of 9/16/03 and 12/22/03 sample results)
20	5,904.50	0.00000590	(average of 9/16/03 and 12/22/03 sample results)
24	535.00	0.00000054	
26	475.00	0.00000048	
28	1,011.00	0.00000101	
Average: 16-20	3,554.50	0.00000355	
Average: 20-24	3,219.75	0.00000322	
Average: 24-26	505.00	0.00000051	
Average: 26-28	743.00	0.00000074	
Average: 28-30	1,011.00	0.00000101	

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	0.82 kg
	1.80 pounds
20 - 24 ft	0.74 kg
	1.63 pounds
24 - 26 ft	0.06 kg
	0.13 pounds
26 - 28 ft	0.09 kg
	0.19 pounds
28 - 30 ft	0.12 kg
	0.26 pounds
TOTAL	1.81 kg
	4.00 pounds