

A D V E N T

*Advent
Environmental
Services, Inc.*

Environmental Site Investigation Report

Reinders, Inc., UST/AST Site

13400 Watertown Plank Road, Village of Elm Grove,
Waukesha County, Wisconsin
Advent Project No. 950227.01

Prepared for
Mr. John Shurtleff
Reinders, Inc.

August 1997

**Advent
Environmental
Services, Inc.**

10845 N. Bunrock Ave. 64W
Mequon, WI 53092
Fax 414.238.0528
414.238.1998
1.800.880.1998

5110 Fairview Dr., Suite A
Eau Claire, WI 54701
Fax 715.831.1531
715.831.1530
1.800.530.1520

August 18, 1997

Mr. John Shurtleff
Reinders, Inc.
13400 Watertown Plank Road
Elm Grove, WI 53122

RE: Site investigation report for the Reinders, Inc., AST/UST site located at 13400 Watertown Plank Road, Elm Grove, Waukesha County, Wisconsin - Advent Project No. 950227.01
WDNR File Reference No. 4440-2901
PECFA Claim No. 53122-0825-00 (AST Terminal Occurrence)

Dear Mr. Shurtleff:

I have enclosed the site investigation report for the Reinders, Inc., AST/UST site located at 13400 Watertown Plank Road in Elm Grove, Wisconsin.

Advent recommends active remediation for petroleum-contaminated soil and monitoring the contaminated groundwater. We further recommend preparing a cost analysis to identify the most cost-effective remediation alternative.

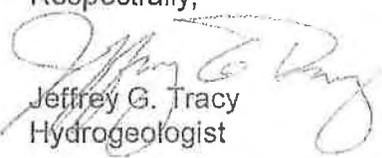
We will forward a copy of this report to the Wisconsin Department of Natural Resources (WDNR) at the following address:

Mr. Mike Farley
WDNR - Southeast District
4041 North Richards Street
P.O. Box 12436
Milwaukee, WI 53212

Advent will submit a copy of this report to the Wisconsin Department of Commerce (WDCOM) when filing the PECFA claim.

If you have any questions or need additional information, please call me at (414) 238-1874, extension 3033.

Respectfully,


Jeffrey G. Tracy
Hydrogeologist

cc: Mr. John Van Lieshout
50227r1a.doc

Environmental Site Investigation Report

Reinders, Inc. UST/AST Site

13400 Watertown Plank Road, Village of Elm Grove, Waukesha County, Wisconsin

I, Jeffrey G. Tracy, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Author: _____



Date: _____

8/18/97

I, Christian Kern, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Reviewer: _____



Date: _____

8/18/97



Table of Contents

EXECUTIVE SUMMARY

SITE INVESTIGATION

Project History	1
Purpose and Scope of Services	2
Site Reconnaissance	4
Site History	6
Site Geology	7
Soil and Groundwater Testing Methods	8
Soil and Groundwater Testing Results	12
Site-Specific Soil Standards	32
Conclusions and Recommendations	34

Tables

1 Analytical Results - Soil Samples (includes PSI/Advent Analytical Comparison)	18
2 SPLP Analytical Results - Soil Samples	24
3 Analytical Results - Groundwater Samples	26

Figures

1 Site Location	3
2 Site Features	5
3 Boring and Monitoring Well Locations	11
4 Extent of Naphthalene-Contaminated Soil	15
5 Northeast to Southwest Cross-Section A-A'	16
6 Northeast to Southwest Cross-Section B-B'	17
7 Extent of Groundwater with ES Exceedances	28
8 Groundwater Elevations (10/30/97)	29
9 Groundwater Elevations (2/20/96)	30
10 Groundwater Elevations (5/30/96)	31

Appendices

A Wisconsin Geologic and Natural History Survey Geologic Logs	
B Soil and Groundwater Sampling Procedures, PID Screening Procedures, PID Calibration Documentation, Borehole Abandonment Procedures, and Chain of Custody Procedures	
C WDNR Soil Boring Log Information (WDNR Form 4400-122), Monitoring Well/Drillhole/Borehole Abandonment Form (WDNR Form 3300-5W), Monitoring Well Construction Reports (WDNR Form 4400-113A), and Monitoring Well Development Forms (WDNR Form 4400-113B)	
D Slug Test Data and AQTESOLV Solutions	
E Laboratory Reports and Chain of Custody Documentation	
F Health Risk Analysis Spreadsheets	
G Groundwater Mixing Zone and SPLP Testing Analysis Spreadsheets	

Glossary

AST	above ground storage tank
BGS	below ground surface
BQL	Below Quantification Limit
DRO	diesel range organic
ES	Enforcement Standards
GRO	gasoline range organic
LUST	leaking underground storage tank
MTBE	Methyl-tert-butyl-ether
NA	Not Analyzed
ND	Not Detected
PAL	Preventive Action Limits
PID	photoionization detector
ppb	parts per billion
ppm	parts per million
QC	quality control
RCL	Residual Contaminant Limit
RP	Responsible Party
TMB	trimethylbenzene
UST	underground storage tank
U.S. EPA	U.S. Environmental Protection Agency
VOC	volatile organic compound
WDCOM	Wisconsin Department of Commerce
WDNR	Wisconsin Department of Natural Resources
WDOT	Wisconsin Department of Transportation

EXECUTIVE SUMMARY

Advent Environmental Services has completed an environmental site investigation at the Reinders, Inc., property located at 13400 Watertown Plank Road, Elm Grove, Waukesha County, Wisconsin. Reinders, Inc., contracted Advent to conduct a site investigation after petroleum-affected soil was identified by Professional Service Industries, Inc. (PSI), during an underground storage tank (UST) Closure Assessment conducted in April 1992.

Our investigation revealed that both soil and groundwater at the Reinders, Inc., UST/AST site have been affected by petroleum contaminants. Soil analysis revealed the presence of volatile organic compounds (VOCs) at concentrations exceeding regulatory standards. The estimated amount of soil exceeding WDNR generic residual contaminant limits (RCLs) is 16,350 tons (10,900 yds). Advent determined site-specific RCLs (SSRCLs) according to Wisconsin Administrative Code Chapter NR 720. Our evaluation indicates that approximately 10,800 tons (7,200 yards³) of soil is contaminated at concentrations exceeding the SSRCLS. Using site-specific standards as compared to generic standards, we have reduced the amount of contaminated soil by approximately 5,550 tons (33%). Based on the site history and the distribution and types of contaminants identified, the former aboveground storage tank system is the likely source of contamination.

Our analysis of groundwater revealed gasoline range organic (GRO) or diesel range organic (DRO) contamination in groundwater samples collected from four wells at the site. In addition, VOCs were detected at concentrations exceeding regulatory standards in two of the wells exhibiting GRO contamination.

Based on the volume of contaminated soil and the probability that the contaminants will continue to affect groundwater quality at the site, Advent recommends remediation of the affected soil and a reevaluation of groundwater quality following soil remediation activities. In addition, a groundwater monitoring program should be developed following soil remediation activities to evaluate the need for an active groundwater remediation system or long-term groundwater monitoring.

We recommend that a cost analysis be prepared to identify the most cost-effective of at least three remedial alternatives. The remedial alternatives considered should include excavation with thermal desorption, excavation with off-site bioremediation, or excavation with landfill disposal. We recommend developing the cost analysis based on remediating soil to site-specific standards that we developed.

SITE INVESTIGATION

Project History

The Reinders property was used as a bulk petroleum distribution facility from the 1910s to 1973. The property contained the following aboveground storage tanks (ASTs) and underground storage tanks (USTs):

- 2,000-gallon leaded gasoline UST (registration no. 670500048)
- 2,000-gallon unleaded gasoline UST (registration no. 670500061)
- 30,000-gallon fuel oil AST (registration no. 670500002)
- 30,000-gallon fuel oil AST (registration no. 670500003)
- 30,000-gallon fuel oil AST (registration no. 670500004)
- 17,500-gallon fuel oil AST (registration no. 670500005)
- 17,500-gallon fuel oil AST (registration no. 670500006)
- 17,500-gallon fuel oil AST (registration no. 670500007)
- 17,500-gallon fuel oil AST (registration no. 670500008)
- 250,000-gallon fuel oil AST (registration no. 670500009)
- 215,000-gallon fuel oil AST (registration no. 670500010)

On April 29 and 30, 1992, Professional Service Industries, Inc. (PSI), documented the removal of two 2,000-gallon gasoline USTs from the site. The USTs were located in a common cavity adjacent to an access road to the property. PSI observed obvious petroleum contamination indicated by petroleum stained soils in the UST cavity. PSI submitted two soil samples collected from the native soils at the base of the excavation for laboratory analyses. The analytical results confirmed petroleum contamination in the soils at the former UST location.

PSI subsequently conducted a site investigation to determine the extent and degree of soil contamination at the site. PSI collected soil samples from 15 soil borings advanced on-site. Soil samples were collected at 2-1/2 foot vertical intervals from each boring for field screening. Two soil samples from each boring were submitted for laboratory analysis of petroleum-related compounds. During the investigation, PSI identified a second source of petroleum-contamination consisting of nine former ASTs at the site. The ASTs contained fuel oil and were removed from the site in 1973.

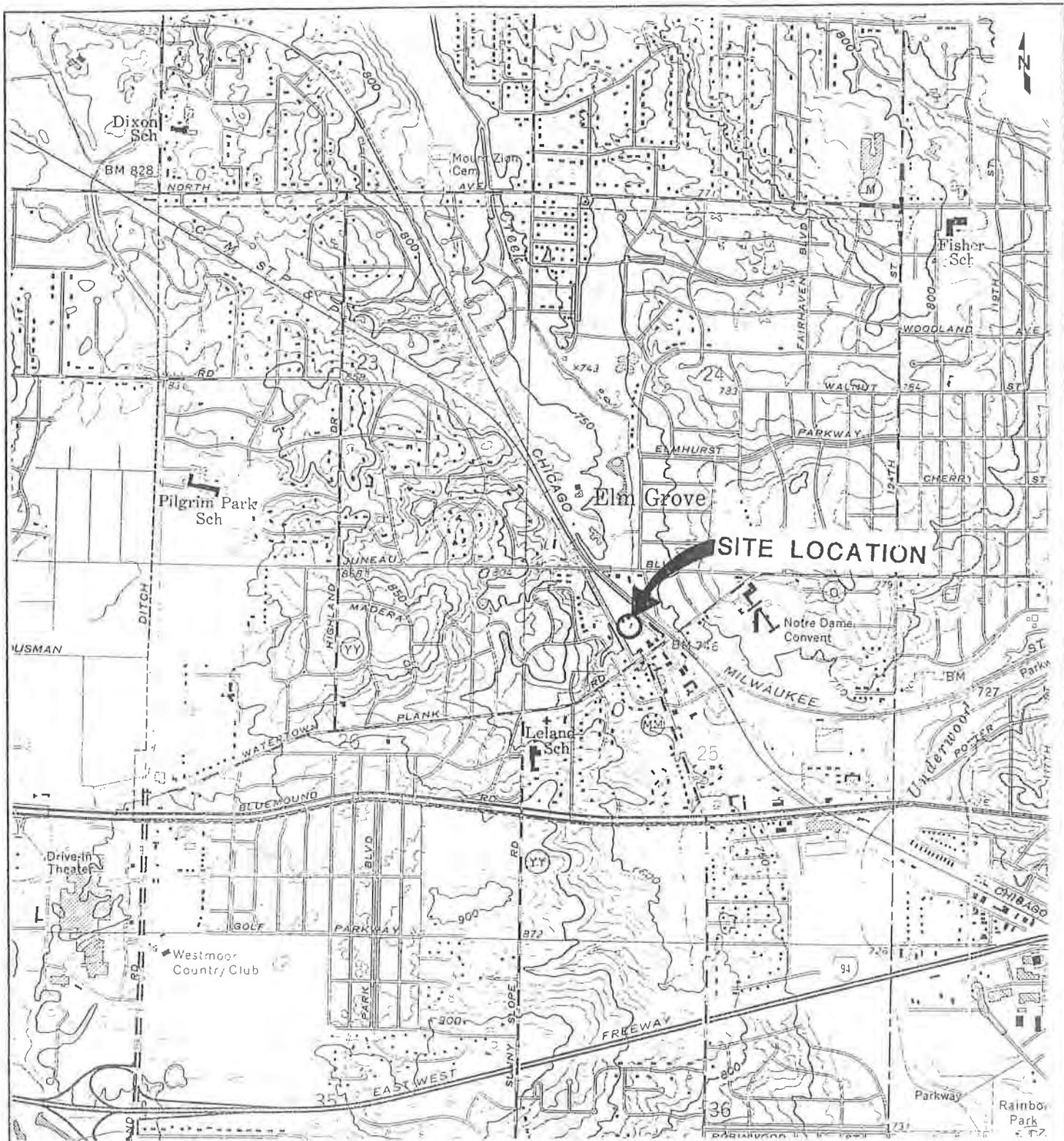
Based on the field and analytical results collected by PSI during their investigation, the extent of soil contamination was not defined. In addition, PSI did not evaluate groundwater quality during their investigation. Therefore, Reinders, Inc., retained Advent Environmental Services, Inc., to conduct additional investigation activities at the site. The purpose of the additional investigation was to determine the extent of soil contamination, evaluate groundwater quality at the site, and develop recommendations for remediation.

Purpose and Scope of Services

Reinders contracted Advent to define the lateral and vertical extent of soil contamination and evaluate the groundwater quality at the Reinders, Inc., UST/AST site. The Reinders property is located at 13400 Watertown Plank Road, Elm Grove, Waukesha County, Wisconsin (NE¼, NW¼, Section 25, T.7N., R.20E.). (See Figure 1.)

To assess the lateral and vertical extent of the petroleum-contaminated soil and to evaluate the groundwater quality, Advent performed the following services:

- completed site history, geology, and reconnaissance assessments
- completed 16 soil borings and 8 monitoring wells
- field screened and submitted soil and groundwater samples to a WDNR-certified laboratory
- determined hydraulic conductivity and groundwater flow direction
- developed site-specific residual contaminant limits (SSRCLs)
- evaluated and interpreted field and laboratory data



NOTE:
 BASE MAP DEVELOPED FROM THE WAUWATOSA, WISCONSIN
 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP.



QUADRANGLE LOCATION
 N1/2 NW1/4 SEC.25 T.6N., R.20E.

SCALE (FEET): 0 2000

DRAWN BY: KRK
 APPROVED BY:
 DATE: 6/17/97
 PROJECT #950227.01
 REVISION #

FIGURE #1 DETAIL SHEET
 SITE LOCATION
 REINDERS, INCORPORATED
 ELM GROVE, WISCONSIN

A D V E N T
 ENVIRONMENTAL SERVICES, INC.

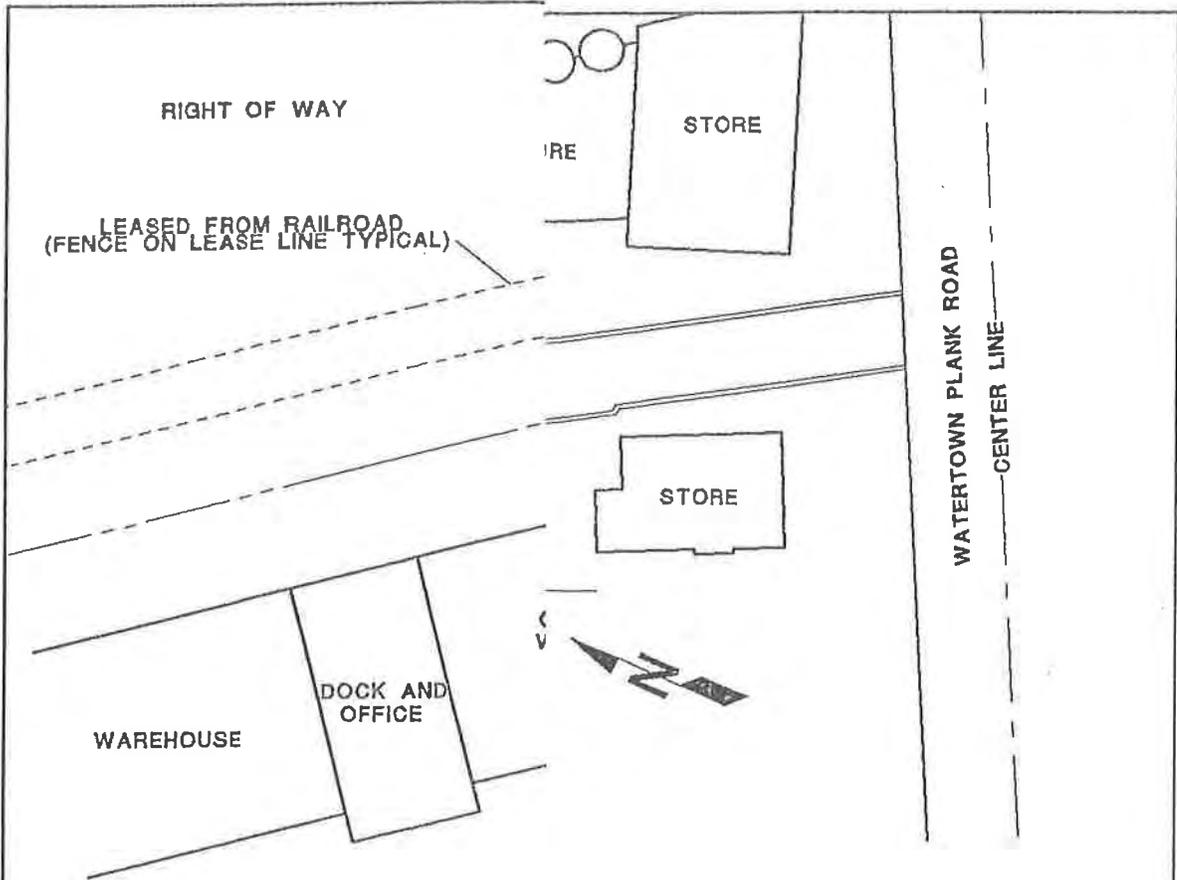
Site Reconnaissance

Jeff Tracy of Advent conducted a reconnaissance of the Reinders, Inc., site and surrounding area on October 25, 1995. The reconnaissance inspection included a walk-through to identify possible sources of environmental contamination and to determine appropriate sampling locations. We also inspected the site and surrounding areas for evidence of spills and leaks, such as stressed vegetation, discolored soils, and the presence of USTs.

One former 560-gallon gasoline UST was located adjacent to the mill/warehouse building and one former 1,500-gallon fuel oil UST was adjacent to a retail store along Watertown Plank Road. These USTs were removed from the property by PSI in 1992. Petroleum contamination associated with the former gasoline UST system was identified by PSI during removal. Advent remediated this site in March 1996. The Wisconsin Department of Commerce (WDCOM) closed the 560-gallon UST site on June 3, 1997. Because the fuel oil UST was 4,000 gallons in capacity and stored heating oil to heat the building, a site assessment was not required. No evidence of possible sources of contamination, other than the two former 2,000-gallon USTs and nine ASTs, were observed at the site.

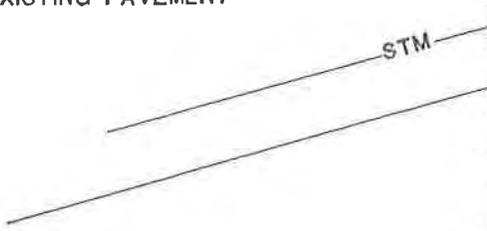
The Reinders, Inc., property is located north of Watertown Plank Road and east of Elm Grove Road in Elm Grove, Wisconsin. The property is approximately 12 acres in size. Three retail buildings are located on the southern half of the property. A mill/warehouse building for birdseed supplies and a retail building for turf and irrigation supplies are located along the eastern portion of the property. One small storage building is in the center of the property. The majority of the property is used as a storage yard for plastic irrigation and piping supplies. The property is covered with asphalt and gravel. The site is serviced by a potable well northeast of the turf and irrigation supplies building and a municipal sewer system.

The site is in a commercial and residential area. Residences are on the adjacent properties to the west (across Elm Grove Road), a shopping mall is on the adjacent property to the south (across Watertown Plank Road), and railroad tracks run along the northeast property boundary. Figure 2 illustrates the site features in the area of the former UST/AST systems.



EXISTING PAVEMENT

LEGEND:



TANK SIZE (GALLONS)	TANK CONTENTS
215,000	FUEL OIL AST
250,000	FUEL OIL AST
17,500	FUEL OIL AST
30,000	FUEL OIL AST
30,000	FUEL OIL AST
30,000	FUEL OIL AST
2,000	LEADED GASOLINE UST
2,000	UNLEADED GASOLINE UST

NOTE:
 BASE MAP DEVELOPED FROM PROFESY POLE
 GENERAL SITE PLAN DATED AUGUST 7 SEWER UTILITY

SCALE (FEET): 0 60

FA D V E N T
IRONMENTAL SERVICES, INC.
 E: 6/17/97
 WING # 950227.01A

Site History

To gather information on the site's past and present land uses and their potential environmental impact, Advent completed a petroleum-product site history. We reviewed PSI's UST closure and site investigation reports and conducted an interview with Mr. John Shurtleff, Chief Financial Officer of Reinders. We also examined aerial photographs of the site and the United States Geological Survey, 7.5 Minute Series topographic map of the Wauwatosa quadrangle.

Prior to 1866, the property was undeveloped and consisted of marshland. In 1866, the Reinders family developed the site with the Reinders, Inc., business. During the 1910s, fill material was placed in the marshy areas and the nine fuel oil ASTs were constructed on-site. The fuel oil ASTs were removed from the property in 1973. In 1974, the 2,000-gallon gasoline USTs were installed on the property. PSI removed the USTs in 1992.

Site Geology

To further define site conditions, Advent investigated the site's geology. We reviewed topographic maps, soil and bedrock identification maps, and other sources of information on the site's physical characteristics and natural history. Briefly, the site's surface soils consist of fill material overlying natural soil. The fill material generally consists of brown to black silty clay, sand, and gravel. The natural soils generally consist of a black organic silty clay overlain by brown to gray interbedded silt, sand, and gravel. Groundwater is present at depths ranging from 8 to 18 feet below ground surface (bgs).

The Reinders property is located in the Eastern Ridges and Lowlands Physiographic Province of southeastern Wisconsin. Glaciation has been important in determining the site's surface geology and physiography. Surface deposits at the site are primarily stream terrace deposits consisting of stratified silt, sand, and gravel. The soil types encountered during the investigation are consistent with stream terrace deposits.

According to the Milwaukee and Waukesha Counties Soil Survey (1971), surficial material at the site consists of Ozaukee-Morley-Mequon association soils. These soils generally consist of well-drained to somewhat poorly drained silt loam soils that have silty clay and silty clay loam subsoils.

Depth to bedrock in the area is estimated to be approximately 45 to 70 feet bgs. Regionally, bedrock consists of Silurian age dolomite.

Topography at the site slopes downward to the northeast with an elevation difference of approximately 8 feet over a distance of 500 feet. Regional topography suggests that the direction of groundwater flow is east toward Underwood Creek, which is approximately 20 feet east of the former 2,000-gallon UST location.

An underground natural gas utility and an underground storm sewer are located within the area of contamination and are potential migration pathways for contamination at this site.

We encountered groundwater at depths of 8 to 18 feet in groundwater monitoring wells we constructed at the site. Relative water table elevations measured in these wells suggest that the local groundwater flow is to the west/southwest with an average gradient of approximately 0.035 foot/foot. Well logs obtained from the Wisconsin Geological and Natural History Survey (see Appendix A) indicate that water supply wells near the site are producing from aquifers in dolomite bedrock at depths ranging from 125 to 295 feet.

Soil and Groundwater Testing Methods

Sample Collection Methods

Soil

Advent completed 21 borings on-site to determine the lateral and vertical extent of petroleum contamination in soil. In addition, PSI completed 15 borings on-site. Borehole depths ranged from 9 to 25 feet. See Figure 3 for soil boring locations. PSI analyzed samples for gasoline range organics (GROs) and diesel range organics (DROs). To expand upon PSI's analytical results, we collected soil samples from four borings placed adjacent to PSI's borings and analyzed the samples for volatile organic compounds (VOCs). We collected the soil samples at the same depth interval that PSI collected and submitted samples for analysis.

Advent collected 41 subsurface soil samples for laboratory analysis. We collected the samples using a split-spoon sampler on December 1, 1995, a Shelby tube sampler on September 30, 1996, and a Geoprobe hollow-tube sampler on October 9 and 25, 1995, and March 18, 1997. Appendix B describes the soil sampling procedures.

Groundwater

Advent converted nine soil borings to permanent groundwater monitoring wells. See Figure 3 for the well locations. The monitoring wells were constructed and developed according to Chapter NR 141 of the Wisconsin Administrative Code. Appendix C includes the WDNR monitoring well construction and development reports.

Advent collected groundwater samples from each of the monitoring wells in October 1995. In February and May 1996, we collected additional samples from all of the wells, except for MW-R6, which was damaged and subsequently abandoned. We collected one additional groundwater sample from MW-R3 and MW-R4 in May 1997. The groundwater samples were collected using a disposable bailer. We did not collect groundwater samples from monitoring wells MW-R1 or MW-R2 during any of the sampling events because groundwater did not collect in these wells. See Appendix B for a description of the groundwater sample collection procedures.

Approximately ½ inch of free product (fuel oil) was identified in MW-R4 during the May 1996 sampling event. No free product was observed in this well during the previous sampling events in October 1995 and February 1996 or the latest sampling event in May 1997.

Appendix B contains soil and groundwater sampling and field screening procedures and PID calibration documentation. Appendix C contains soil boring logs (Form 4400-122), boring and monitoring well abandonment forms (Form 3300-5W), monitoring well construction forms (Form 4400-113A), and well development forms (Form 4400-113B).

Field Screening Methods

Soil

Immediately after the split-spoon or hollow-tube sampling device was opened, Advent personnel screened the soil samples for volatile organic compounds (VOCs) with a PID equipped with a 10.6 eV lamp and calibrated to isobutylene. Each sample was field screened following the headspace method. PID calibration documentation and a description of the PID screening procedures are included in Appendix B.

The soil recovered from the boreholes exhibiting field screening readings greater than 1 instrument unit (IU) were placed on and covered with plastic or were placed in 55-gallon drums, and stored on-site. Soil samples exhibiting field screening readings less than 1 IU were dispersed on-site.

Groundwater

All monitoring well purge water and equipment washwater was retained and stored on-site in 55-gallon drums.

Chemical Analysis Methods

Great Lakes Analytical (Wisconsin Lab Certification Number 999917160) of Buffalo Grove, Illinois, analyzed soil samples collected from the Reinders, Inc., UST/AST site for gasoline range organics (GROs) (WDNR Modified GRO method), diesel range organics (DROs) (WDNR Modified DRO method), VOCs (EPA Method 5030/8021), and total lead (EPA Method 3050/7421). Northern Lake Service, Inc. (Wisconsin Lab Certification Number 721026460), of Crandon, Wisconsin, analyzed additional soil samples collected from the Reinders, Inc., UST/AST site for GROs (WDNR Modified GRO method), DROs (WDNR Modified DRO method), VOCs (EPA Method SW846/8021), VOCs using the synthetic precipitation leaching procedure (SPLP) (EPA Method SW846 1310/8021), and total organic carbon (EPA Method SW846 9060).

Great Lakes Analytical analyzed groundwater samples collected from the Reinders AST/UST site for GROs (WDNR Modified GRO method), DROs (WDNR Modified DRO method), VOCs, (EPA Method 5030/8021), and dissolved lead (EPA Method 3015/7421).

Analytical methods used are approved by the Wisconsin Department of Natural Resources (WDNR) and described in the WDNR's "LUST and Petroleum Analytical and Quality Assurance Guidance." Each analytical method follows specific quality control (QC) criteria also listed in the WDNR Guidance. These criteria include the selection and calibration of analytical instruments and the use of QC samples. Daily performance tests and the demonstration of precision and accuracy in the laboratory are required by the WDNR for certification.

Hydraulic Conductivity, Gradient, and Flow Direction Methods

Advent conducted slug tests at the Reinders AST/UST site to measure aquifer parameters. For this test, pressure transducers connected to recording equipment were placed in each well. A groundwater volume (slug) was removed using a bailer, and the aquifer recharge rate was recorded. Recharge rate analysis was used to determine hydraulic conductivity.

Advent used Geraghty & Miller's AQTESOLV for Windows Aquifer Test Solver to analyze the slug test data for unconfined aquifers by the Bouwer and Rice method.

We determined site hydraulic gradient by dividing the hydraulic head difference by horizontal flow path distance. We determined groundwater flow direction by taking the perpendicular direction from a line of equal groundwater elevations.

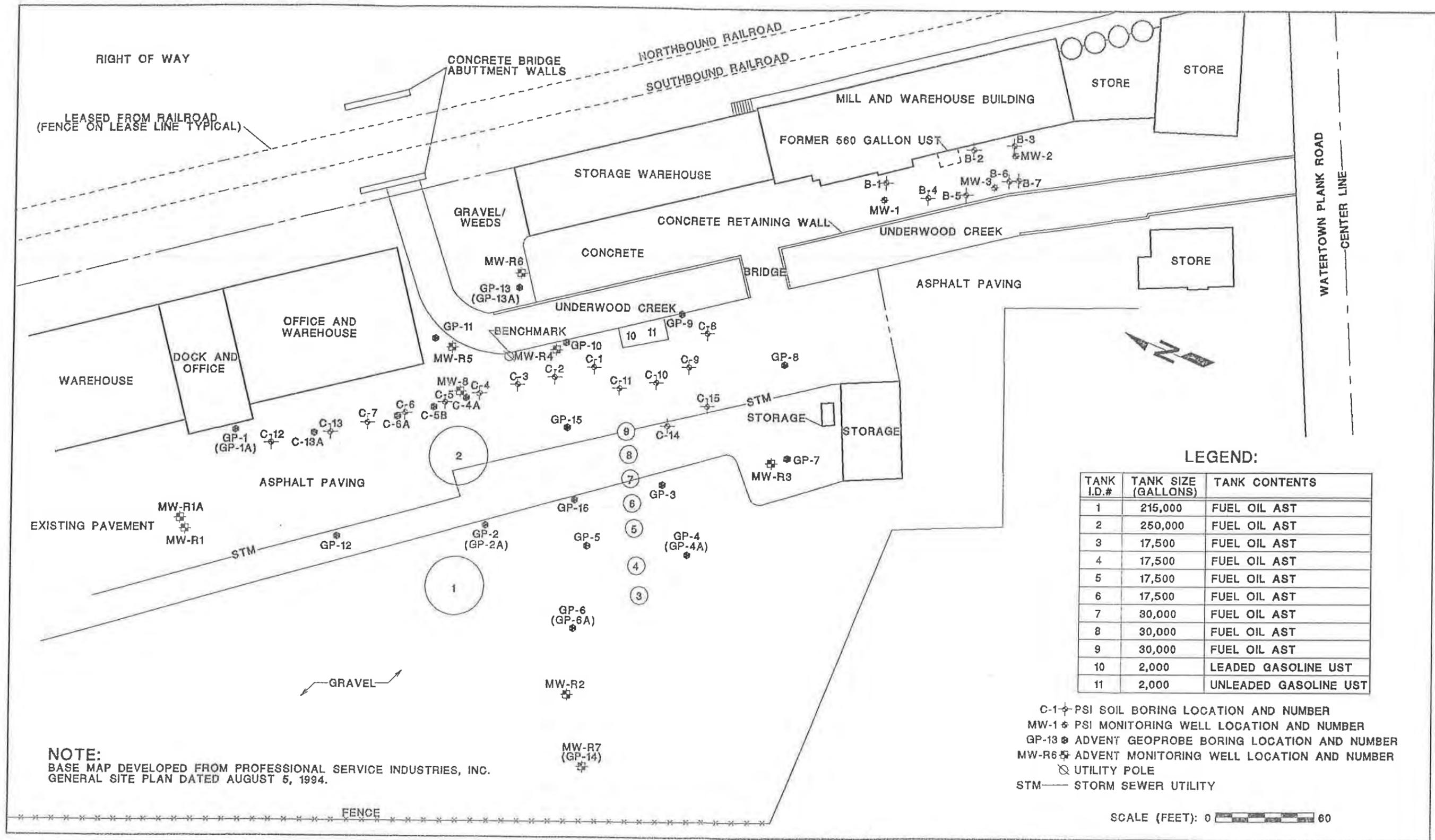


FIGURE 3 SOIL BORING AND MONITORING WELL LOCATIONS
 REINDERS, INCORPORATED
 ELM GROVE, WISCONSIN

A D V E N T
 ENVIRONMENTAL SERVICES, INC.
 DATE: 6/17/97
 DRAWING # 950227.01A

Soil and Groundwater Testing Results

Petroleum contamination is present in the soil at the Reinders AST/UST property. The contamination is located near the former ASTs and covers an approximate area of 130 feet north to south, 200 feet east to west, and ranging in depth from 4 to 20 feet bgs. The average thickness of the contaminant plume is approximately 9 feet. Advent estimates that approximately 10,900 cubic yards (16,350 tons) of petroleum-contaminated soil exceeding WDNR generic RCLs is present at the Reinders AST/UST property.

GROs were detected in groundwater samples collected from two of the eight wells and DROs were detected in four of the eight wells. VOCs were detected in two of the groundwater monitoring wells at levels above WDNR regulatory standards.

Hydraulic Conductivity Testing Results

Using the Bouwer and Rice analysis for unconfined aquifers as presented in Geraghty & Miller's AQTESOLV for Windows Aquifer Test Solver, we determined that the local hydraulic conductivity for the site ranges between 2.56×10^{-5} and 2.56×10^{-3} centimeters per second (cm/s). The average (geometric mean) hydraulic conductivity is estimated to be 4.11×10^{-4} cm/s. This is a reasonable range for hydraulic conductivity, as it corresponds with the values for silt and sand soils that were present in the aquifer (*Applied Hydrogeology, Third Edition*; C.W. Fetter, Macmillan College Publishing, Ontario, 1984, p.98).

Based on the slug test results, the soils at the site will not significantly inhibit groundwater migration. The slug test data and AQTESOLV solutions for the tested wells are presented in Appendix D.

We determined site hydraulic gradient by dividing the hydraulic head difference by horizontal flow path distance. The gradient ranged from 0.0261 foot/foot to 0.0439 foot/foot. We determined groundwater flow direction by taking the perpendicular direction from a line of equal groundwater elevations. Groundwater flow ranged from southwest to south in October 1995 and northwest to northeast across the site in February and May 1996. In general, groundwater flow has been away from Underwood Creek, indicating groundwater discharges from Underwood Creek into the near-surface aquifer. Therefore, groundwater from the Reinders property does not discharge into Underwood Creek.

Field Screening Results

Soil

PID readings are not regulated by the WDNR but are considered an indication of VOC contamination. VOCs are common in petroleum products. We used PID readings to help determine the contamination extent and reduce the number of laboratory samples. PID readings are recorded on the soil profile logs in Appendix C.

Higher PID responses generally were observed in samples collected from borings advanced near the former AST locations at depths ranging from 5 to 15 feet bgs. Below these depths, which generally correspond to the groundwater table elevation, the observed PID responses declined rapidly.

All PID responses, relative to depth, for each boring are recorded on the soil profile logs. (See Appendix C.) Also recorded on the soil logs are soil type, amount of soil recovery in the split spoon samplers, and the number of standard hammer blows to advance the split-spoon sampler.

Chemical Analyses

Soil

The WDNR has established generic residual contaminant levels (RCLs) for evaluating GRO and DRO in soil. In soils with a hydraulic conductivity of 10^{-6} cm/s or less (soils such as clay and silty clay), the RCL for GRO and DRO is 250 parts per million (ppm). In soils with a hydraulic conductivity greater 10^{-6} cm/s (soils such as silts, sand, and gravel), the RCL for GRO and DRO is 100 ppm. Based on the hydraulic conductivity data collected during the site investigation, the appropriate GRO and DRO RCL for the site is 100 ppm.

GROs were detected at concentrations exceeding the RCL in samples collected from nine of the borings completed on-site. GROs were detected at concentrations below the RCL in samples collected from 12 of the borings. GROs were not detected in 10 of the borings on-site. DROs were detected at concentrations exceeding the RCL in samples collected from 16 of the borings completed on-site. DROs were detected at concentrations below the RCL in samples collected from seven of the borings. DROs were not detected in eight of the borings on-site.

In Wisconsin, regulatory standards exist for certain VOCs in soils. Varying concentrations of VOCs were identified in all samples Advent collected in which the presence of GROs or DROs were detected above their RCLs. VOCs were detected at concentrations exceeding generic RCLs in samples collected from 10 of the borings. Benzene and naphthalene were the most common VOCs exceeding their respective RCLs.

Total lead in soils is regulated in Wisconsin. For sites classified by the WDNR as industrial, the RCL is 500 ppm. For sites classified by the WDNR as non-industrial, the RCL is 50 ppm. The Reinders, Inc., property is classified as a non-industrial site. Therefore, the appropriate total lead standard at the site is 50 ppm.

Total lead, ranging in concentration from 2.7 ppm to 20 ppm, was detected in the samples submitted for analysis. The concentrations detected are within naturally occurring ranges and do not exceed regulatory standards for total lead. In addition, the concentrations indicate the soils do not have the potential to exceed regulated levels for leachable lead.

Tetrachloroethene or trichloroethene was detected at trace levels in soil samples collected from borings GP-1, GP-2, GP-4, GP-8 and GP-13 on October 9, 1995. At the time when these samples were being analyzed, Great Lakes Analytical was having its carpets cleaned. Great Lakes subsequently informed us that these compounds were present in the cleaning solution and may have contaminated the samples. We collected confirmation samples from each of the borings on October 25, 1995. Tetrachloroethene and trichloroethene were not detected in the confirmation samples collected from GP-1A, GP-4A, GP-8A, or GP-13. Trichloroethene was detected in the confirmation sample collected from GP-2A.

Tetrachloroethene and trichloroethene were not identified in any of the samples containing petroleum-related contaminants. Therefore, we believe that the presence of a trace amount of these compounds is not related to the petroleum release.

The estimated GRO and VOC contamination extent in soils is shown in Figures 4, 5, and 6. Figures 5 and 6 are cross-sections that indicate site soil types and groundwater elevation data. Soil sample analytical results are summarized in Table 1. Complete laboratory results are included in Appendix E.

Site-Specific RCLs - Soil

Thirteen soil samples were collected from seven soil borings as part of the site-specific RCL study. The samples were chemically analyzed for VOCs and SPLP VOCs. The VOC results quantify contaminant concentrations in the soil. The SPLP VOC results quantify contaminant concentrations that may leach from the soil and potentially affect groundwater quality.

Naphthalene was detected at a concentration exceeding its ES in only one SPLP soil sample. Naphthalene and benzene were detected at concentrations exceeding their respective PALs in several SPLP soil samples. Tetrachloroethene was detected at a concentration exceeding its PAL in one SPLP soil sample. However, tetrachloroethene was not identified in any of the groundwater samples, thus indicating that this compound is not a threat to groundwater quality.

VOCs that did not exceed or do not have groundwater quality standards were also detected in the leachate samples. Methylene chloride, which laboratories commonly use as an extracting agent, was detected at concentrations exceeding its respective PAL in seven SPLP soil samples; however, methylene chloride was not detected in any of the soil samples tested for VOCs. Because methylene chloride was only detected in the SPLP soil samples, the methylene chloride is probably due to laboratory contamination rather than contamination associated with the former ASTs and USTs.

Table 2 presents the SPLP analytical results. Copies of the laboratory reports are included in Appendix E.

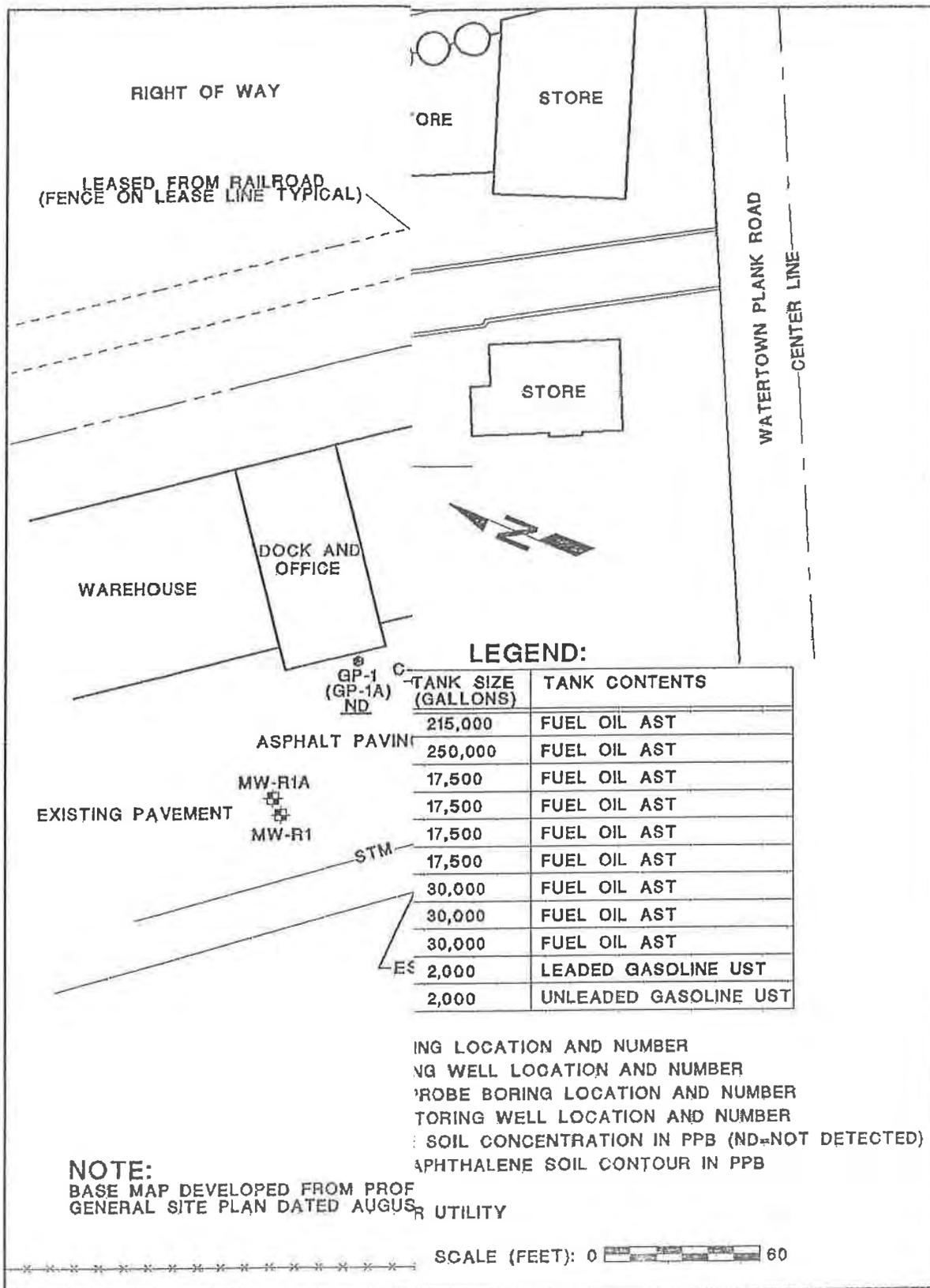


FIGURE 4 EXTENDED ADVENT

ENVIRONMENTAL SERVICES, INC.

DATE: 6/17/97

DRAWING # 950227.01B

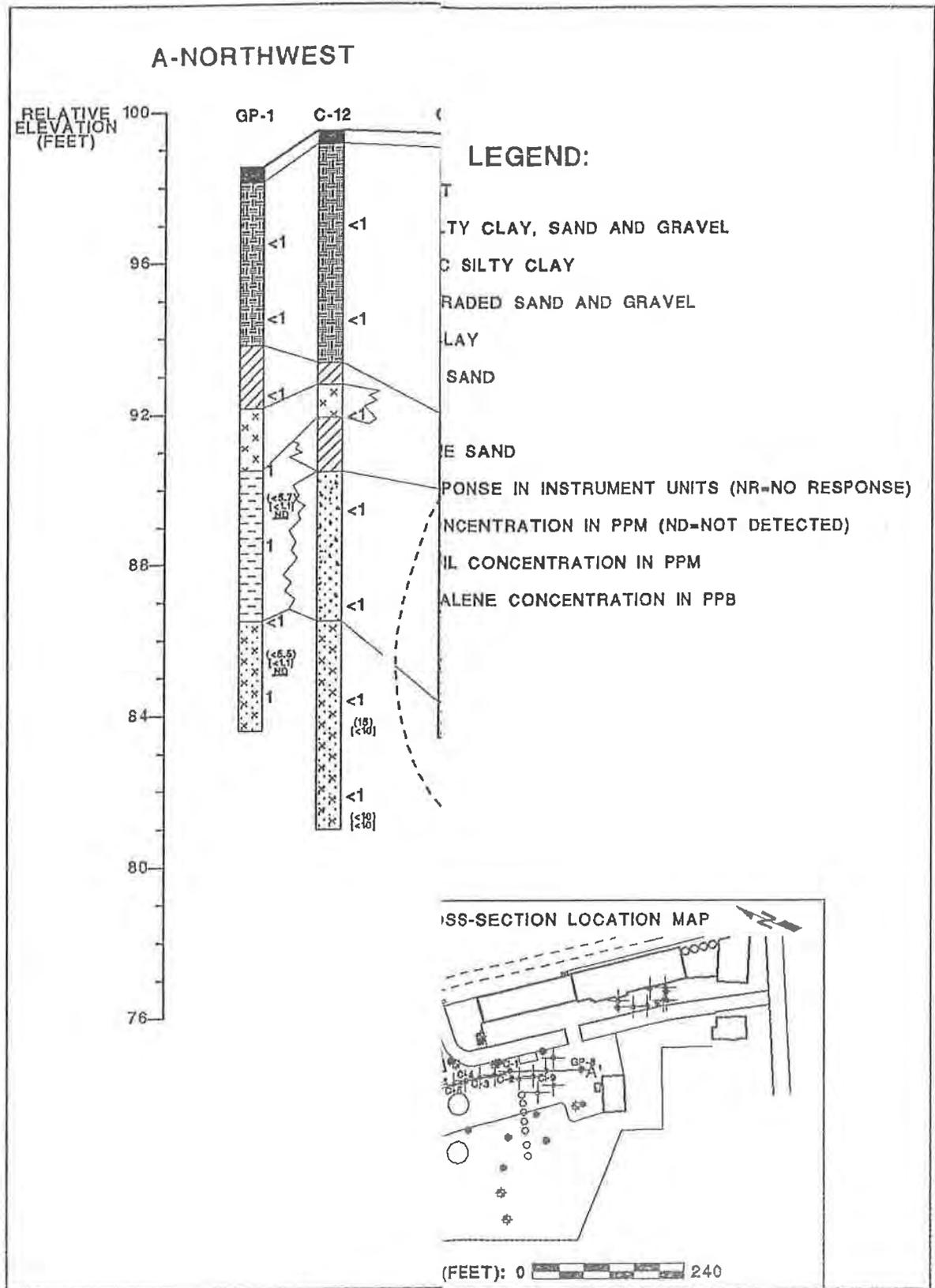


FIGURE 5 **NORTHEAST ADVENT**

ENVIRONMENTAL SERVICES, INC.

DATE: 6/17/97

WING #950227.01C

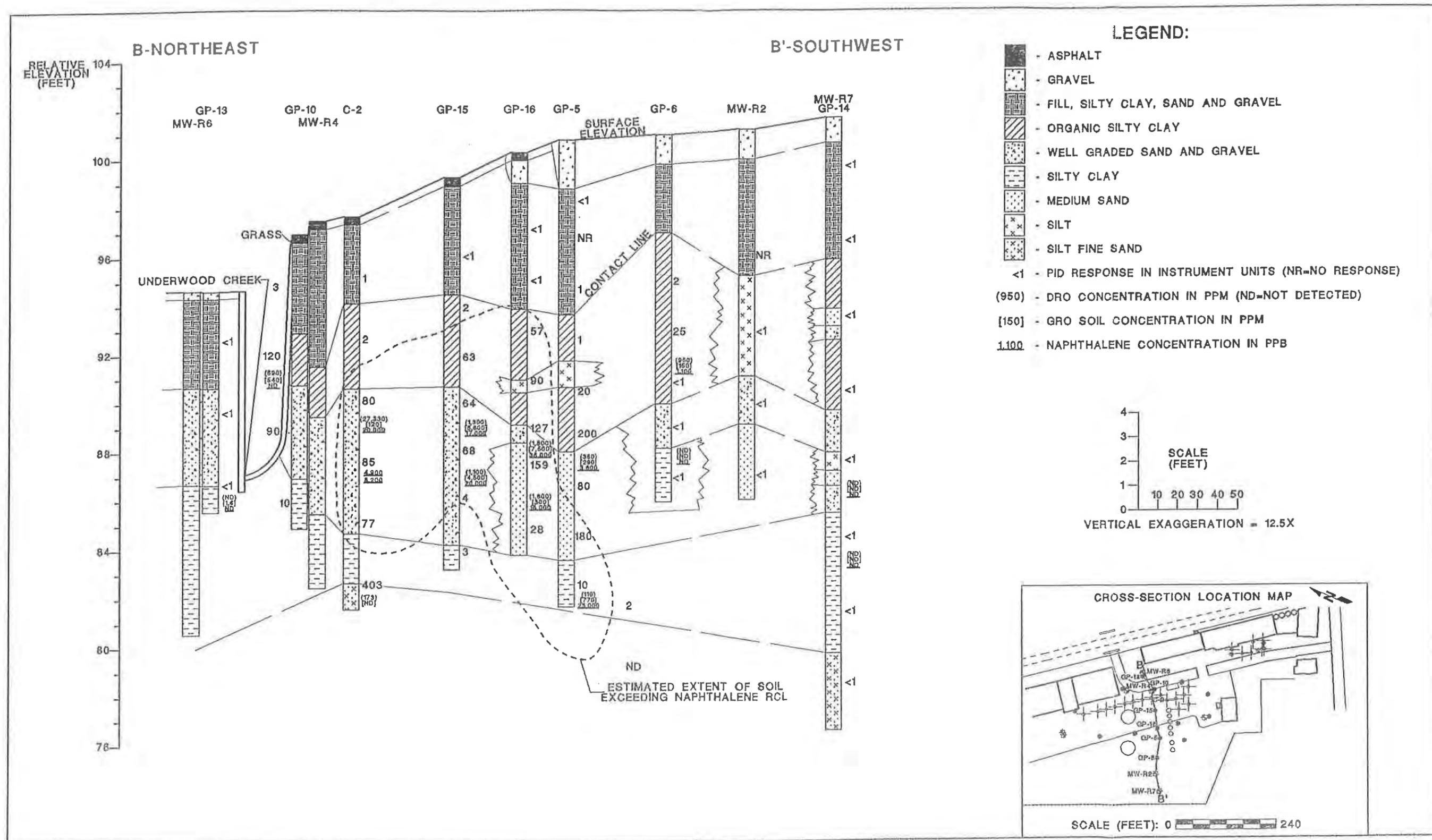


FIGURE 6 NORTHEAST TO SOUTHWEST CROSS SECTION B-B'
REINDERS, INCORPORATED
ELM GROVE, WISCONSIN

A D V E N T
ENVIRONMENTAL SERVICES, INC.
DATE: 6/17/97
DRAWING #950227.01D

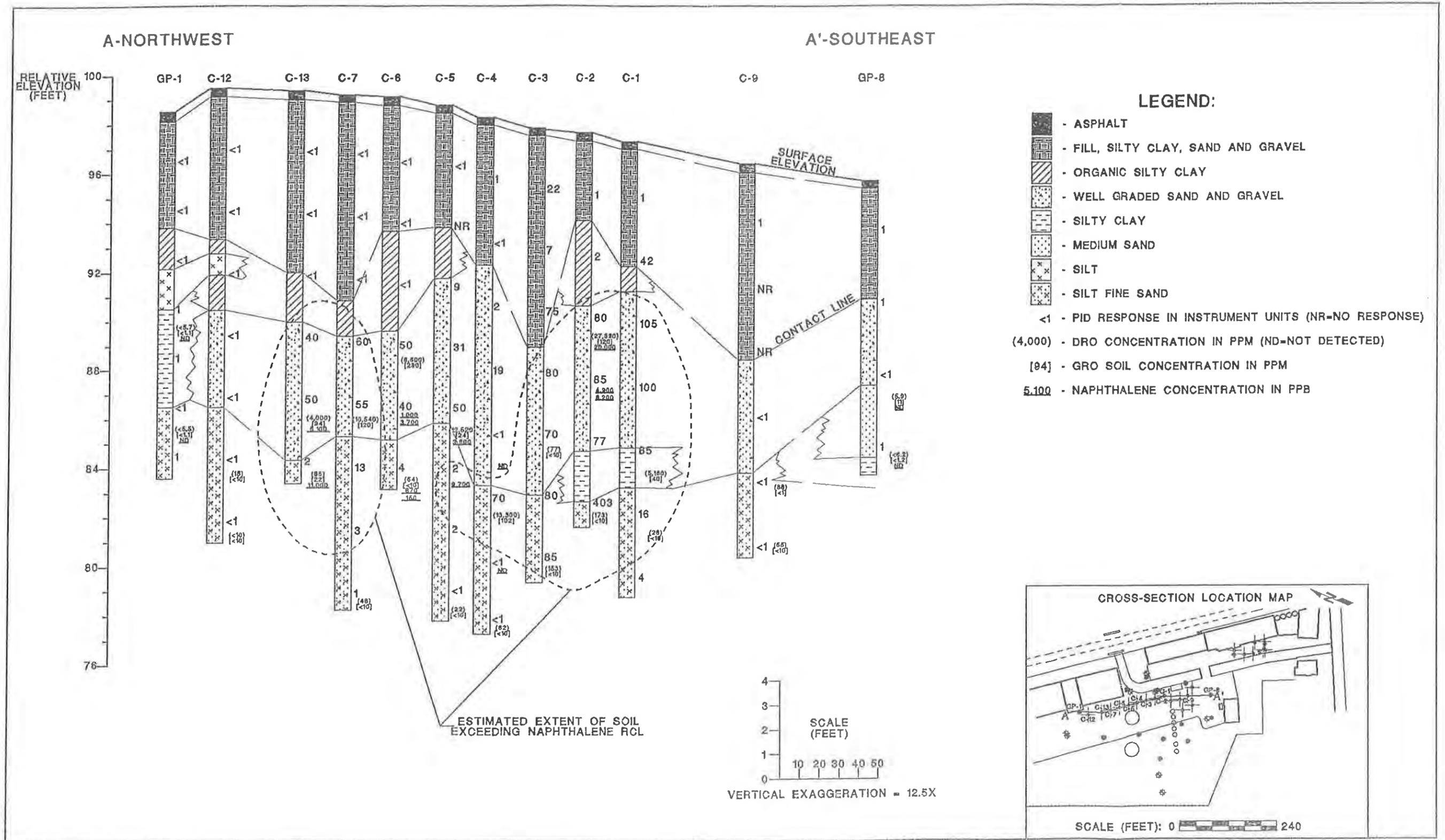


FIGURE 5 NORTHEAST TO SOUTHWEST CROSS SECTION A - A'
 REINDERS, INCORPORATED
 ELM GROVE, WISCONSIN

A D V E N T
 ENVIRONMENTAL SERVICES, INC.
 DATE: 6/17/97
 DRAWING #950227.01C

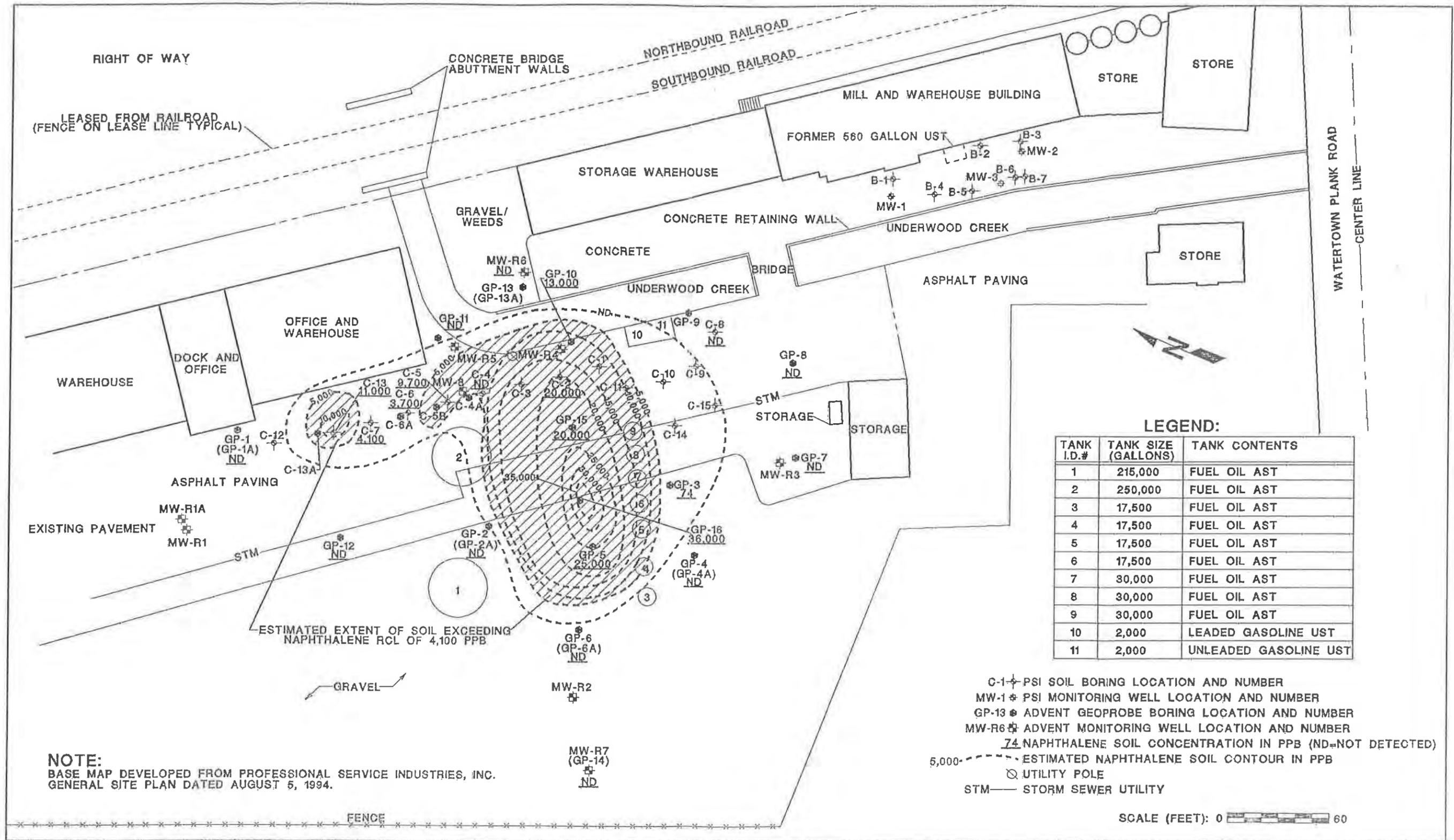


FIGURE 4 EXTENT OF NAPHTHALENE CONTAMINATED SOIL
 REINDERS, INCORPORATED
 ELM GROVE, WISCONSIN

ADVENT
 ENVIRONMENTAL SERVICES, INC.
 DATE: 6/17/97
 DRAWING # 950227.01B

**TABLE 1 (page one of six)
REINDERS, INC. - UST/AST SITE
ANALYTICAL RESULTS - SOIL SAMPLES**

	Regulatory Limits	Boring Number												
		GP-1	GP-1A	GP-1	GP-1A	GP-2	GP-2	GP-2A	GP-3	GP-3	GP-3	GP-4	GP-4	GP-4A
Sample Number		S-4	S-1	S-6	S-2	S-3	S-5	S-1	S-1	S-5	S-7	S-7	S-8	S-1
Depth (feet)		7-9	7-9	11-13	11-13	5-7	9-11	9-11	1-3	9-11	13-15	13-15	15-17	15-17
PID Reading (instrument units)	NL	1	<1	<1	<1	<1	<1	<1	20	50	60	<1	<1	<1
GRO (ppm)	100	ND	NA	ND	NA	ND	ND	NA	ND	45	1.3	ND	ND	NA
DRO (ppm)	100	ND	NA	ND	NA	ND	ND	NA	7.3	11	6	ND	ND	NA
Total Lead	50	6.7	NA	6.4	NA	9.4	5.5	NA	5.5	6	6.4	8.5	2.7	NA
VOCs (ppb) ¹														
Benzene	5.5	ND	NA	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	NA
n-Butylbenzene	NL	ND	NA	ND	NA	ND	ND	NA	ND	260	ND	ND	ND	NA
sec-Butylbenzene	NL	ND	NA	ND	NA	ND	ND	NA	ND	120	ND	ND	ND	NA
tert-Butylbenzene	NL	ND	NA	ND	NA	ND	ND	NA	ND	56	ND	ND	ND	NA
1,2-Dichlorobenzene	NL	ND	NA	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	NA
cis-1,2-Dichloroethene	NL	68	77	260	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA
Ethyl Benzene	2,900	ND	NA	ND	NA	ND	ND	NA	ND	120	ND	ND	ND	NA
Isopropylbenzene	NL	ND	NA	ND	NA	ND	ND	NA	ND	44	68	ND	ND	NA
p-Isopropyltoluene	NL	ND	NA	ND	NA	ND	ND	NA	ND	98	ND	ND	ND	NA
Naphthalene	4,100*	ND	NA	ND	NA	ND	ND	NA	ND	74	ND	ND	ND	NA
n-Propylbenzene	NL	ND	NA	ND	NA	ND	ND	NA	ND	270	87	ND	ND	NA
Tetrachloroethene	NL	ND	NA	ND	NA	ND	ND	NA	ND	ND	ND	ND	32	ND
Trichloroethene	NL	ND	NA	530	ND	ND	29	630	ND	ND	ND	ND	57	ND
1,2,4-Trimethylbenzene	NL	ND	NA	ND	NA	ND	ND	NA	ND	1,700	46	ND	ND	NA
1,3,5-Trimethylbenzene	NL	ND	NA	ND	NA	ND	ND	NA	ND	150	ND	ND	ND	NA
Total Xylenes	4,100	ND	NA	ND	NA	ND	ND	NA	ND	160	160	ND	ND	NA

NA = not analyzed

NL = no regulatory limit

ND = not detected at laboratory detection limits in an undiluted sample

Shaded areas indicate concentrations above the WDNR regulatory limits

¹ Only the detected VOCs are listed. For a complete list of VOCs analyzed, see Appendix E.

*Site-specific RCL

**TABLE 1 (page two of six)
REINDERS, INC. - UST/AST SITE
ANALYTICAL RESULTS - SOIL SAMPLES**

	Regulatory Limits	Boring Number											
		GP-5	GP-5	GP-6	GP-6A	GP-6	GP-7	GP-7	GP-8	GP-8A	GP-8	GP-9	GP-9
Sample Number		S-6	S-9	S-2	S-1	S-5	S-3	S-6	S-3	S-1	S-4	S-2	S-4
Depth (feet)		11-13	17-19	7-9	7-9	11-13	5-7	11-13	7-9	7-9	10-12	4-6	10-12
PID Reading (instrument units)	NL	200	10	25	<1	<1	<1	<1	<1	<1	1	<1	<1
GRO (ppm)	100	290	770	150	NA	ND	ND	11	7.7	NA	ND	ND	ND
DRO (ppm)	100	380	110	950	NA	ND	6.1	ND	5.9	NA	ND	ND	ND
Total Lead	50	7.8	3.0	15	NA	8.9	12	8.3	6.6	NA	10	13	5.9
VOCs (ppb)¹													
Benzene	5.5	<200	<500	ND	NA	ND	ND	ND	ND	NA	ND	ND	56
n-Butylbenzene	NL	<200	<500	380	NA	ND	ND	ND	ND	NA	ND	ND	ND
sec-Butylbenzene	NL	<200	<500	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
tert-Butylbenzene	NL	<200	<500	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
1,2-Dichlorobenzene	NL	<200	<500	140	ND	ND	ND	ND	ND	NA	ND	ND	ND
cis-1,2-Dichloroethene	NL	<200	<500	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
Ethyl Benzene	2,900	<200	960	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
Isopropylbenzene	NL	540	4,000	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
p-Isopropyltoluene	NL	850	3,700	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
Naphthalene	4,100*	3,600	25,000	1,100	NA	ND	ND	ND	ND	NA	ND	ND	ND
n-Propylbenzene	NL	760	4,000	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
Tetrachloroethene	NL	<200	<500	ND	NA	ND	ND	ND	39	ND	ND	ND	ND
Trichloroethene	NL	<200	<500	ND	NA	ND	ND	ND	92	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NL	2,800	5,100	94	NA	ND	ND	ND	ND	NA	ND	ND	ND
1,3,5-Trimethylbenzene	NL	<200	<500	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND
Total Xylenes	4,100	<200	<500	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND

NA = not analyzed

NL = no regulatory limit

ND = not detected at laboratory detection limits in an undiluted sample

Shaded areas indicate concentrations above the WDNR regulatory limits.

¹ Only the detected VOCs are listed. For a complete list of VOCs analyzed, see Appendix E

*Site-specific RCL

**TABLE 1 (page three of six)
REINDERS, INC. - UST/AST SITE
ANALYTICAL RESULTS - SOIL SAMPLES**

Sample Number	Regulatory Limits	Boring Number													
		GP-10	GP-10	GP-11	GP-12	GP-12	GP-13	GP-13A	GP-14	GP-14	GP-15	GP-15	GP-16	GP-16	
		S-2	S-4	S-4	S-3	S-5	S-3	S-1	S-5	S-6	S-4	S-5	S-5	S-6	
Depth (feet)		4-6	10-12	10-12	7-9	13-15	7-9	7-9	13-15	16-18	7-9	9-11	9-11	11-13	
PID Reading (Instrument units)	NL	120	10	<1	<1	<1	<1	<1	<1	<1	64	68	127	159	
GRO (ppm)	100	540	ND	5.0	ND	2.5	1.6	NA	ND	ND	1,300	1,100	1,800	1,600	
DRO (ppm)	100	590	ND	ND	ND	ND	ND	NA	ND	ND	5,600	4,500	7,500	3,000	
Total Lead	50	20	9.6	3.8	11	7.1	4.6	NA	7.8	8.7	NA	NA	NA	NA	
VOCs (ppb)¹															
Benzene	5.5	<500	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	
n-Butylbenzene	NL	<500	ND	ND	ND	ND	ND	NA	ND	ND	16,000	2,700	21,000	2,400	
sec-Butylbenzene	NL	<500	ND	ND	ND	ND	ND	NA	ND	ND	12,000	6,200	14,000	1,800	
tert-Butylbenzene	NL	ND	ND	ND	ND	ND	ND	NA	ND	ND	3,200	4,400	3,800	4,100	
1,2-Dichlorobenzene	NL	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	
cis-1,2-Dichloroethene	NL	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	
Ethyl Benzene	2,900	<500	ND	ND	ND	ND	ND	NA	ND	ND	ND	890	2,200	950	
Isopropylbenzene	NL	1,600	ND	ND	ND	ND	ND	NA	ND	ND	7,800	3,800	10,000	4,300	
p-Isopropyltoluene	NL	950	ND	ND	ND	ND	ND	NA	ND	ND	9,900	3,700	13,000	3,400	
Naphthalene	4,100*	13,000	ND	ND	ND	ND	ND	NA	ND	ND	17,000	20,000	36,000	16,000	
n-Propylbenzene	NL	2,600	ND	ND	ND	ND	ND	NA	ND	ND	2,400	4,700	3,500	3,900	
Styrene	NL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	750	ND	930	
Tetrachloroethene	NL	<500	ND	ND	ND	ND	39	ND	ND	ND	ND	ND	ND	ND	
Toluene	1,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200	1,200	
Trichloroethene	NL	<500	ND	ND	ND	ND	74	ND	ND	ND	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	NL	20,000	ND	ND	ND	ND	ND	NA	ND	ND	20,000	3,500	25,000	3,200	
1,3,5-Trimethylbenzene	NL	<500	ND	ND	ND	ND	ND	NA	ND	ND	5,700	2,800	6,200	2,700	
Total Xylenes	4,100	1,100	ND	ND	ND	ND	ND	NA	ND	ND	4,000	780	10,400	1,370	

NA = not analyzed

NL = no regulatory limit

ND = not detected at laboratory detection limits in an undiluted sample

Shaded areas indicate concentrations above the WDNR regulatory limits

¹ Only the detected VOCs are listed. For a complete list of VOCs analyzed, see Appendix E.

*Site-specific RCL

TABLE 1 (page four of six)
 REINDERS, INC. - UST/AST SITE
 ANALYTICAL RESULTS - SOIL SAMPLES

	Regulatory Limits	Boring Number														
		C-1	C-1	C-2	C-2	C-3	C-3	C-4	C-4	C-5	C-5	C-6	C-6	C-7	C-7	C-8
Sample Number		S-5	S-7	S-3	S-6	S-5	S-7	S-6	S-8	S-5	S-8	S-4	S-6	S-5	S-8	S-4
Depth (feet)		12.5-14.5	11-13	7.5-9.5	14-16	12.5-14.5	16.5-18.5	14-16	19-21	12.5-14.5	19-21	6.5-8.5	14-16	12.5-14.5	19-21	6.5-8.5
PID Reading (instrument units)	NL	85	4	80	403	70	85	70	<1	50	<1	50	4	55	1	<1
GRO (ppm)	100	40	<10	120	<10	<10	<10	102	<10	24	<10	280	<10	120	<10	<10
DRO (ppm)	100	5,160	28	27,330	173	77	153	13,300	62	12,520	22	8,500	54	10,540	48	87

Shaded areas indicate concentrations above the WDNR regulatory limits.

TABLE 1 (page five of six)
 REINDERS, INC. - UST/AST SITE
 ANALYTICAL RESULTS - SOIL SAMPLES

	Regulatory Limits	Boring Number													
		C-8	C-9	C-9	C-10	C-10	C-11	C-11	C-12	C-12	C-13	C-13	C-14	C-14	C-15
Sample Number		S-6	S-5	S-6	S-4	S-6	S-3	S-6	S-6	S-7	S-5	S-6	S-5	S-6	S-5
Depth (feet)		14-16	11.5-13.5	14-16	9-11	14-16	6.5-8.5	14-16	14-16	16.5-18.5	11.5-13.5	14-16	11.5-13.5	14-16	11.5-13.5
PID Reading (instrument units)	NL	<1	<1	<1	75	<1	80	6	<1	<1	50	2	62	<1	40
GRO (ppm)	100	<10	<10	<10	21	<10	72	<10	<10	<10	94	22	10	<10	<10
DRO (ppm)	100	85	88	55	120	74	10,540	51	15	<10	4,000	85	132	28	46

Shaded areas indicate concentrations above the WDNR regulatory limits

TABLE 1(page six of six)
REINDERS, INC. - UST/AST SITE
PSI/ADVENT ANALYTICAL COMPARISON - SOIL SAMPLES

Advent or PSI		Boring Number											
		PSI C-2	Advent C-2A	PSI C-2	Advent C-2A	PSI C-4	PSI C-5	Advent C-4A	Advent C-4A	PSI C-6	PSI C-7	Advent C-6A	Advent C-6A
Sample Number	Regulatory Limits	3	4	3	7	6	5	4	5	4	5	5	6
Depth (feet)		6.5-8.5	7-9	14-16	13-15	14-16	11.5-13.5	10-12	13-15	9-11	11.5-13.5	9-11	11-13
PID Reading (instrument units)	NL	80	160	403	15	70	50	3	15	50	55	90	110
GRO (ppm)	100	120	540	<10	12	102	24	5.5	ND	280	120	1,200	830
DRO (ppm)	100	27,330	5,800	173	24	13,300	12,520	14	ND	8,500	10,540	4,900	3,100
VOCs (ppb)¹													
Benzene	5.5	NA	<250	NA	ND	NA	NA	ND	ND	NA	NA	<250	<130
n-Butylbenzene	NL	NA	3,000	NA	ND	NA	NA	ND	ND	NA	NA	4,200	2,900
sec-Butylbenzene	NL	NA	670	NA	ND	NA	NA	ND	ND	NA	NA	<250	<130
tert-Butylbenzene	NL	NA	1,400	NA	ND	NA	NA	ND	ND	NA	NA	1,700	2,000
1,2-Dichlorobenzene	NL	NA	<250	NA	ND	NA	NA	ND	ND	NA	NA	<250	<130
cis-1,2-Dichloroethene	NL	NA	<250	NA	ND	NA	NA	ND	ND	NA	NA	<250	<130
Ethyl Benzene	2,900	NA	2,800	NA	92	NA	NA	ND	ND	NA	NA	1,200	2,100
Isopropylbenzene	NL	NA	690	NA	ND	NA	NA	ND	ND	NA	NA	410	370
p-Isopropyltoluene	NL	NA	1,600	NA	ND	NA	NA	ND	ND	NA	NA	<250	580
Naphthalene	4,100*	NA	4,900	NA	51	NA	NA	ND	ND	NA	NA	1,000	870
n-Propylbenzene	NL	NA	3,800	NA	49	NA	NA	ND	ND	NA	NA	1,800	3,000
Tetrachloroethene	NL	NA	<250	NA	ND	NA	NA	ND	ND	NA	NA	<250	<130
Trichloroethene	NL	NA	<250	NA	ND	NA	NA	ND	ND	NA	NA	<250	<130
1,2,4-Trimethylbenzene	NL	NA	14,000	NA	63	NA	NA	ND	ND	NA	NA	6,600	3,500
1,3,5-Trimethylbenzene	NL	NA	1,500	NA	31	NA	NA	ND	ND	NA	NA	2,800	1,500
Total Xylenes	4,100	NA	1,100	NA	130	NA	NA	ND	ND	NA	NA	450	1,200

NA = not analyzed

NL = no regulatory limit

ND = not detected at laboratory detection limits in an undiluted sample

Shaded areas indicate concentrations above the WDNR regulatory limits.

¹ Only the detected VOCs are listed. For a complete list of VOCs analyzed, see Appendix E.

*Site-specific RCL

**TABLE 2
REINDERS, INC. - UST/AST SITE
SPLP ANALYTICAL RESULTS - SOIL SAMPLES**

	NR 720 RCLs	Sample Number													
		C2A:5-7	C2A:7-9	C5B:9-11	C5B:11-13	C6A:9-11	C6A:11-13	C12A:9-11	C12A:11-13	C13A:9-11	C13A:11-13	B1B:7-9	GP14A:6-8	GP14A:12-14	
Depth (feet)		5-7	7-9	9-11	11-13	9-11	11-13	9-11	11-13	9-11	11-13	7-9	6-8	12-14	
PID Reading (fLUs)		38	162	50	62	59	29	7	3	155	128	NA	NA	NA	
Total Organic Carbon (ppm)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,900	2,200	3,300	
VOCs (ppb) Only the detected VOCs are listed.															
Benzene	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	
n-Butylbenzene		7,500	8,000	1,200	4,700	1,900	9.4	ND	ND	3,100	9,700	NA	NA	NA	
sec-Butylbenzene		5,800	7,900	1,200	4,300	1,200	20	ND	ND	2,800	6,300	NA	NA	NA	
tert-Butylbenzene		2,100	2,800	610	3,100	810	ND	ND	ND	2,000	4,000	NA	NA	NA	
Ethyl Benzene	2,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,700	NA	NA	NA	
Isopropylbenzene		6,500	2,300	220	2,000	430	99	ND	ND	1,100	3,100	NA	NA	NA	
p-Isopropyltoluene		5,100	3,800	2,500	2,600	2,600	8.4	ND	ND	1,300	3,300	NA	NA	NA	
Naphthalene	4,100*	20,000	8,200	3,800	9,700	3,700	150	ND	ND	5,100	11,000	NA	NA	NA	
n-Propylbenzene		2,300	3,600	ND	4,600	750	33	ND	ND	1,900	6,000	NA	NA	NA	
Tetrachloroethene		ND	ND	ND	ND	ND	ND	120	ND	ND	ND	NA	NA	NA	
Toluene	1,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	
1,2,4-Trimethylbenzene		9,700	17,000	ND	970	660	ND	ND	ND	790	15,000	NA	NA	NA	
1,3,5-Trimethylbenzene		1,000	1,600	ND	800	ND	ND	ND	ND	300	690	NA	NA	NA	
m- and p- Xylenes	4,100	ND	820	ND	ND	ND	ND	ND	ND	ND	1,800	NA	NA	NA	
o-Xylenes/Styrene	4,100	1,900	2,500	260	1,900	420	ND	ND	ND	1,400	ND	NA	NA	NA	
SPLP VOCs (ppb) ¹															
	PAL	ES													
Benzene	0.5	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.59	NA	NA	NA
n-Butylbenzene			11	9.9	2.4	6.4	8.1	ND	ND	ND	7.0	4.8	NA	NA	NA
sec-Butylbenzene			5.0	5.6	1.2	2.6	2.7	ND	ND	ND	4.1	4.1	NA	NA	NA
tert-Butylbenzene			ND	ND	0.92	1.1	ND	ND	ND	ND	1.3	ND	NA	NA	NA
Ethyl Benzene	140	700	ND	ND	ND	2.4	ND	ND	ND	ND	0.92	11	NA	NA	NA
Isopropylbenzene			5.9	5.9	1.0	1.9	ND	0.52	ND	ND	2.5	3.9	NA	NA	NA
p-Isopropyltoluene			5.4	ND	ND	ND	ND	ND	ND	ND	ND	1.6	NA	NA	NA
Methylene Chloride	0.5	5.0	ND	ND	0.90	1.7	ND	0.55	3.6	3.8	0.82	1.6	NA	NA	NA
Naphthalene	8	40	140	18	1.0	5.9	8.1	0.68	0.78	ND	10	13	NA	NA	NA
n-Propylbenzene			9.0	12	1.8	3.9	7.4	ND	ND	ND	5.4	7.8	NA	NA	NA
Tetrachloroethene	0.5	5.0	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	NA	NA	NA
Toluene	68.6	343	ND	ND	0.71	0.82	ND	ND	ND	0.62	0.78	0.82	NA	NA	NA
1,2,4-Trimethylbenzene			67	110	3.3	0.90	6.9	ND	ND	ND	2.4	46	NA	NA	NA
1,3,5-Trimethylbenzene			ND	ND	0.86	0.80	ND	ND	ND	ND	3.4	6.7	NA	NA	NA
m- and p- Xylenes	124	620	7.2	ND	1.7	2.4	2.1	ND	ND	ND	2.8	7.4	NA	NA	NA
o-Xylenes/Styrene	10	100	ND	ND	1.7	1.9	ND	ND	ND	ND	1.9	3.7	NA	NA	NA

NA = not analyzed

ND = not detected at laboratory detection limits

Shaded areas indicate concentrations above the WDNR regulatory limits.

¹ For a complete list of VOCs analyzed, see Appendix E.

*Site-specific RCL

Groundwater

In Wisconsin, GROs and DROs in groundwater are not regulated. However, the WDNR considers the presence of GROs or DROs an indication that petroleum contamination may exist. GROs were detected in groundwater samples collected from MW-R3 and MW-R4. DROs were detected in groundwater samples collected from MW-R3, MW-R4, MW-R5, and MW-R8. However, DROs were not detected in MW-R5 and MW-R8 during the latest sampling round in May 1996.

The WDNR has established regulatory limits for evaluating selected compounds in groundwater. For each compound, the WDNR has established a Preventive Action Limit (PAL) and an Enforcement Standard (ES). If the concentration of a compound exceeds the PAL, the WDNR may require no further action or additional investigation. If the concentration of a compound exceeds the ES, the WDNR may require action ranging from additional monitoring to active remediation.

VOCs were detected at concentrations exceeding regulatory standards in groundwater samples collected from two of the seven monitoring wells. One VOC, benzene, was detected at concentrations exceeding its ES in MW-R3 during the October 1995 and February and May 1996 sampling events. The benzene concentration declined during each sampling event, and benzene was not detected in a sample collected from MW-R3 during the May 1997 sampling round. 1,2,4-trimethylbenzene was detected in MW-R3 at concentrations exceeding its proposed PAL in samples collected during the October 1995 sampling event and above its proposed ES in samples collected during the February and May 1996 sampling events. The 1,2,4-trimethylbenzene concentrations have been decreasing since the February 1996 sampling event. These results indicate that natural attenuation is effectively remediating groundwater near MW-R3.

Benzene was detected at concentrations exceeding its PAL in the groundwater samples collected from MW-R4 during each sampling event. The benzene concentrations at this well have been relatively stable during each sampling event. Naphthalene was detected at a concentration exceeding its PAL in the duplicate sample collected from MW-R4 during the October 1995 sampling event. Naphthalene was not detected in the original sample collected from MW-R4 in October 1995 or in the sample collected during the February 1996 sampling event. Naphthalene was detected at concentrations exceeding its ES in the samples collected from MW-R4 during the May 1996 and May 1997 sampling events. 1,2,4-trimethylbenzene was detected at concentrations exceeding its proposed PAL in samples collected during the October 1995 and February 1996 sampling events and above its ES in samples collected during the May 1996 and May 1997 sampling events.

Several other VOCs were also detected in samples collected from MW-R3 or MW-R4. These VOCs (Table 3) are not regulated or were detected at concentrations below their regulatory standards.

One VOC, methyl-tert-butyl-ether (MTBE), was detected at a concentration of 6.2 parts per billion (ppb) in the sample collected from MW-R7 during the May 1996 sampling event. Neither MTBE nor any other VOCs were detected in MW-R7 during previous sampling events.

Table 3 presents a summary of the groundwater sample analytical results. Figure 7 presents the extent of groundwater contamination based on the analytical results. Figures 8, 9, and 10 present the groundwater table elevations as measured on October 30, 1995, February 20, 1996, and May 30, 1996.

TABLE 3 (page one of two)
REINDERS, INC - UST/AST SITE
ANALYTICAL RESULTS - GROUNDWATER SAMPLES

Sample Number	MW-R1A	MW-R1A	MW-R1A	MW-R3	MW-R3	MW-R3	MW-R3	MW-R3	MW-R4	MW-R4 ¹	MW-R4	MW-R4	*MW-R4	MW-R4		
Sample Date	10/30/95	2/20/96	5/30/96	10/16/95	10/30/95	2/20/96	5/30/96	5/29/97	10/16/95	10/16/95	2/20/96	5/30/96	5/30/96	5/31/97		
Parameters															PAL	ES
GRO (ppb)	ND	ND	<50	220	290	ND	590	NA	950	1,100	1,100	1,500	1,700	NA	NL	NL
DRO (ppb)	ND	ND	<100	260	190	210	160	NA	4,100	3,000	3,400	37	42	NA	NL	NL
Total Lead (ppb)	NA		NA	<1.5	NA	NA	NA	NA	<1.5	<1.5	NA	NA	NA	NA	1.5	15
VOCs (ppb) ²																
Benzene	ND	ND	ND	25	24	10	7.6	ND	2.8	1.4	1.6	2.3	2.8	1.7	0.5	5.0
n-Butylbenzene	ND	NA	ND	ND	ND	ND	34	ND	ND	ND	6.0	7.2	4.6	5.3	NL	NL
sec-Butylbenzene	ND	NA	ND	ND	ND	ND	0.52	ND	2.5	2.8	6.0	4.4	4.4	2.8	NL	NL
tert-Butylbenzene	ND	NA	ND	ND	ND	ND	ND	ND	0.98	1	2.0	ND	ND	ND	NL	NL
Ethyl Benzene	ND	ND	ND	30	31	12	15	7.6	1.6	0.87	2.1	3.4	2.2	3.5	140	700
Isopropylbenzene	ND	NA	ND	5.9	6.1	9.4	9.0	5.2	14	15	12	10	9.9	14	NL	NL
p-Isopropyltoluene	ND	NA	ND	ND	ND	ND	ND	ND	1.3	0.95	2.4	4.8	5.9	3.7	NL	NL
Methyl-tert-butyl-ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	60
Naphthalene	ND	NA	ND	ND	ND	ND	ND	ND	ND	14	ND	310	150	47	8	40
n-Propylbenzene	ND	NA	ND	10	10	21	19	12	21	21	19	19	17	14	NL	NL
Toluene	ND	ND	ND	1.6	1.6	ND	1.9	ND	ND	0.71	ND	ND	ND	ND	68.6	343
1,2,4-Trimethylbenzene	ND	ND	ND	38	39	110	97	75	32	20	28	120	120	83	10*	50*
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	5.0	7.8	ND	ND	ND	ND	ND	ND	10*	50*
Total Xylenes	ND	ND	ND	15	20	56	54	24	4.2	2.6	4.3	16	17	7.9	124	620

PAL = Preventive Action Limit

ES = Enforcement Standard

NA = not analyzed

ND = Parameter was not detected at the laboratory detection limit

NL = no established regulatory limit

¹ 12 Indicates that concentration exceeds its respective PAL.

² 12 Indicates that concentration exceeds its respective ES.

³ Duplicate sample

² Only the detected VOCs are presented. For a complete list of analyzed VOCs, see Appendix E.

* Proposed standard

TABLE 3 (page two of two)
REINDERS, INC - UST/AST SITE
ANALYTICAL RESULTS - GROUNDWATER SAMPLES

Sample Number	MW-R5	MW-R5	MW-R5	MW-R6	MW-R7	MW-R7	MW-R8	MW-R8 ¹	MW-R8	MW-R8		
Sample Date	10/16/95	2/20/96	5/30/96	10/16/95	10/30/95	5/30/96	12/1/95	12/1/95	2/20/96	5/30/96	PAL	ES
Parameters											PAL	ES
GRO (ppb)	<50	ND	<50	<50	ND	<50	<50	NA	ND	<50	NL	NL
DRO (ppb)	<100	100	<100	<100	ND	<100	170	NA	160	<100	NL	NL
Total Lead (ppb)	<1.5	NA	NA	<1.5	NA	NA	NA	NA	NA	NA	1.5	15
VOCs (ppb) ²												
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	5.0
n-Butylbenzene	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NL	NL
sec-Butylbenzene	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NL	NL
tert-Butylbenzene	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NL	NL
Ethyl Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	140	700
Isopropylbenzene	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NL	NL
p-Isopropyltoluene	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NL	NL
Methyl-tert-butyl-ether	ND	ND	ND	ND	ND	6.2	ND	ND	ND	ND	12	60
Naphthalene	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	8	40
n-Propylbenzene	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NL	NL
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	68.6	343
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10*	50*
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10*	50*
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	124	620

PAL = Preventive Action Limit

ES = Enforcement Standard

NA = not analyzed

ND = Parameter was not detected at the laboratory detection limit

NL = no established regulatory limit

¹² Indicates that concentration exceeds its respective PAL.

¹² Indicates that concentration exceeds its respective ES.

¹ Duplicate sample

² Only the detected VOCs are presented. For a complete list of analyzed VOCs, see Appendix E.

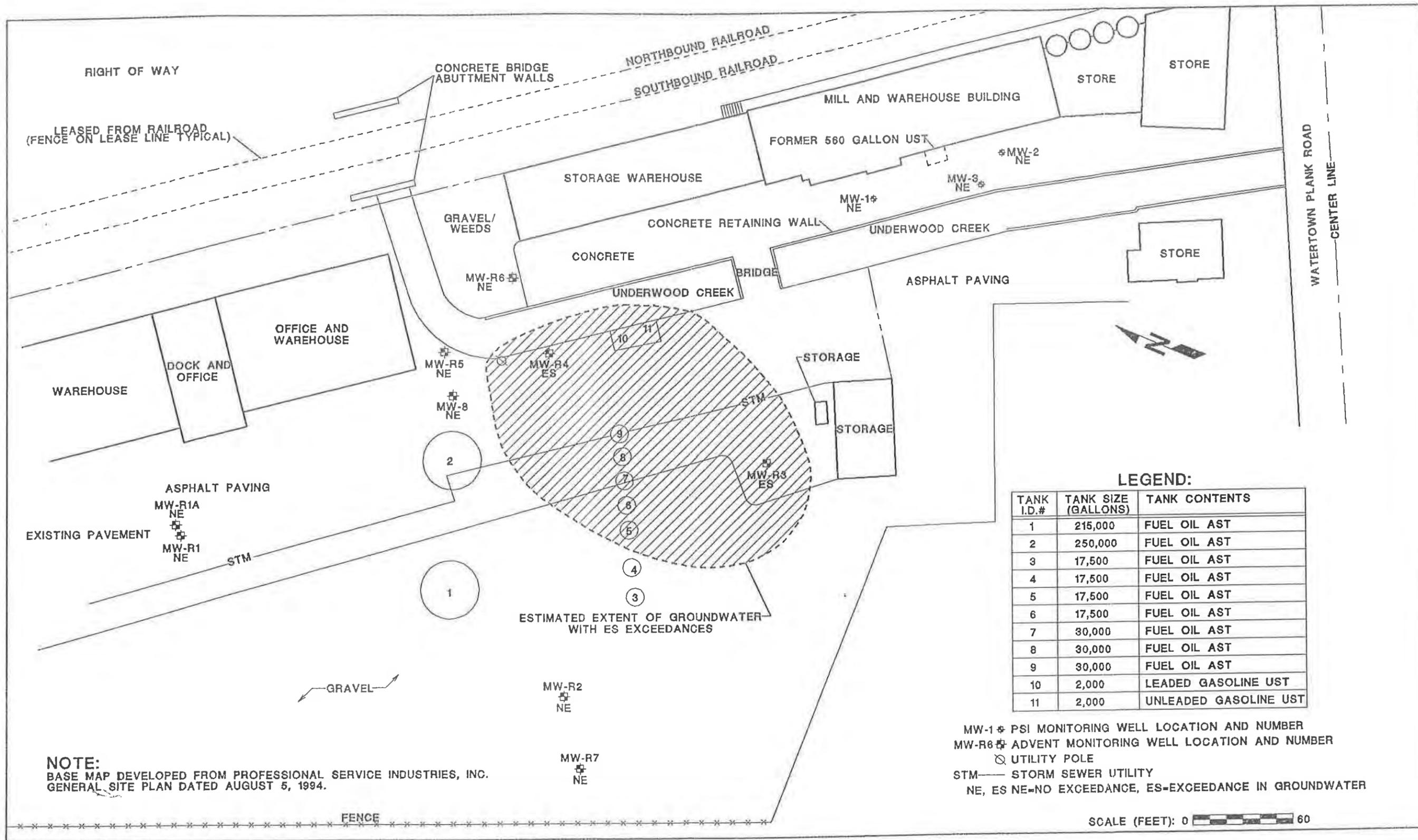
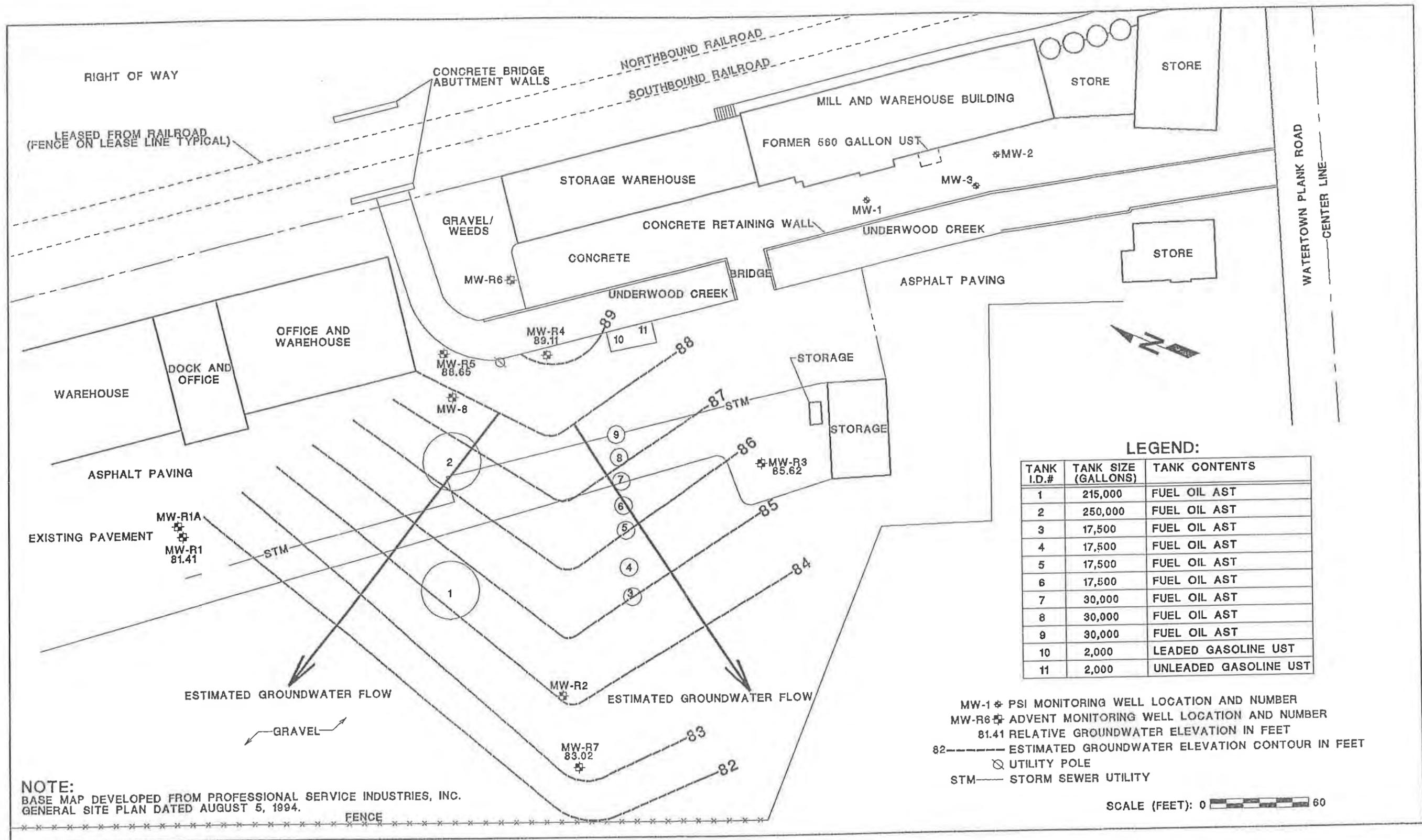


FIGURE 7 EXTENT OF GROUNDWATER WITH ES EXCEEDANCES
 REINDERS, INCORPORATED
 ELM GROVE, WISCONSIN

A D V E N T
 ENVIRONMENTAL SERVICES, INC.
 DATE: 6/17/97
 DRAWING # 950227.01E



**FIGURE 8 GROUNDWATER ELEVATIONS (10/30/95)
REINDERS, INCORPORATED
ELM GROVE, WISCONSIN**

A D V E N T
ENVIRONMENTAL SERVICES, INC.
DATE: 6/17/97
DRAWING # 950227.01F

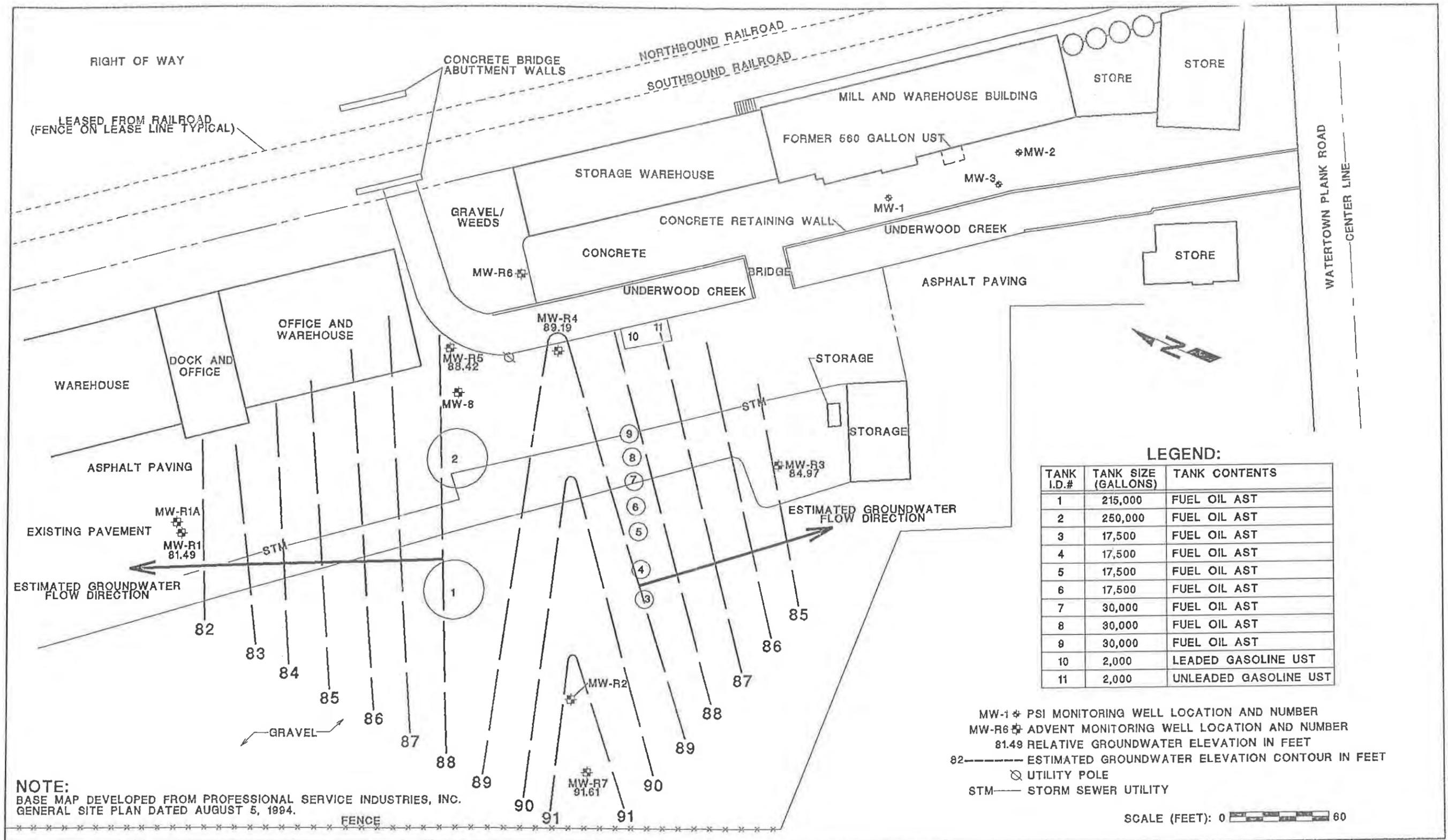


FIGURE 9 GROUNDWATER ELEVATIONS (2/20/96)
 REINDERS, INCORPORATED
 ELM GROVE, WISCONSIN

A D V E N T
 ENVIRONMENTAL SERVICES, INC.
 DATE: 6/17/97
 DRAWING: 950227.01F

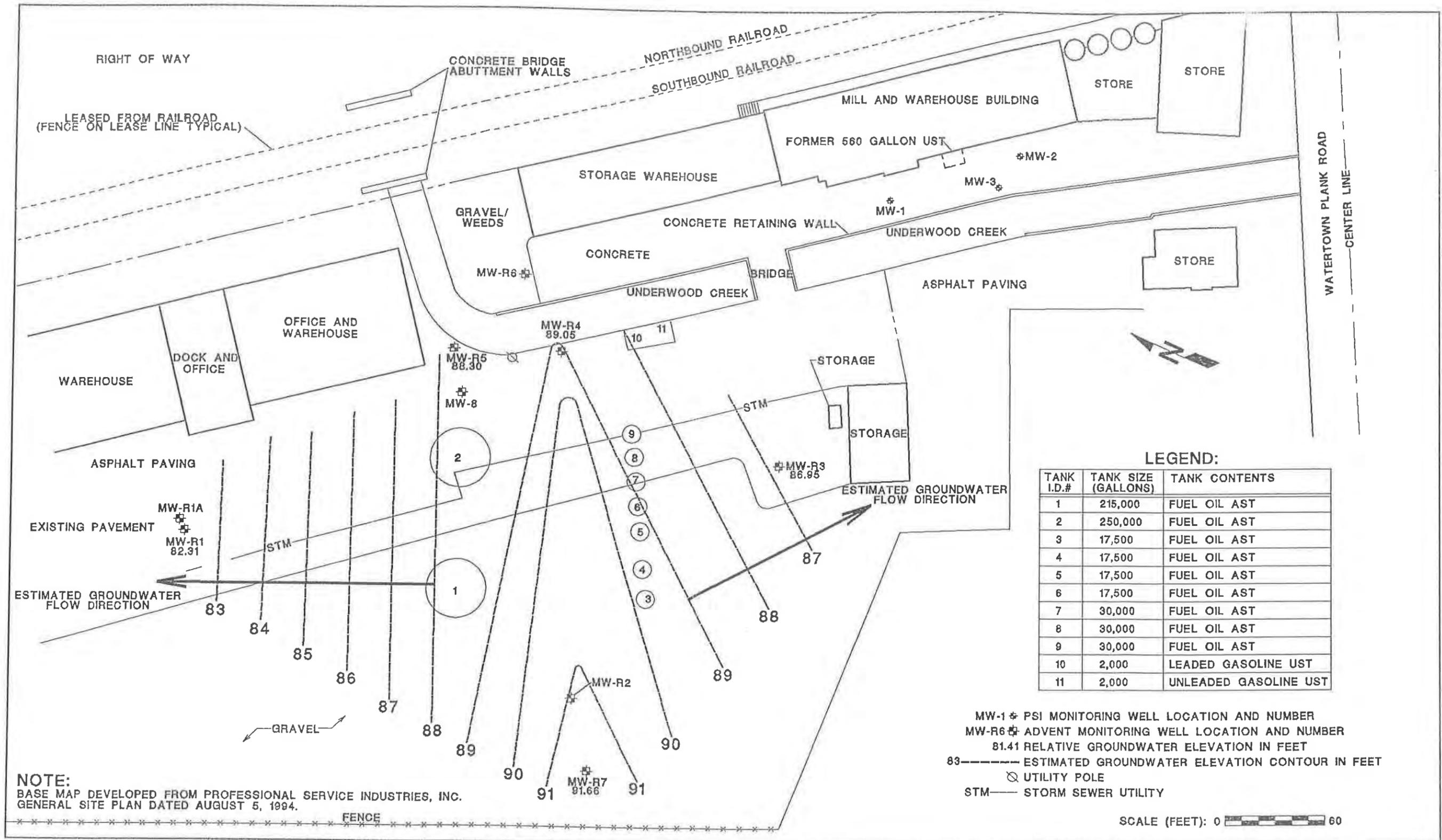


FIGURE 10 GROUNDWATER ELEVATIONS (5/30/96)
REINDERS, INCORPORATED
ELM GROVE, WISCONSIN

A D V E N T
ENVIRONMENTAL SERVICES, INC.
DATE: 6/17/97
DRAWING # 950227.01F

Site-Specific Soil Standards

Advent has determined site-specific RCLs (SSRCLs) for the Reinders, Inc., AST/UST property in accordance with NR 720.19. We have determined that existing contaminant concentrations identified during the site investigation pose a risk to human health and to groundwater quality. We have developed SSRCLs that will protect human health via direct contact and will be protective of groundwater quality.

Health Risk

Advent selected "indicator" compounds to evaluate the potential impact to health risk and groundwater quality posed by petroleum-contaminated soil at the Reinders, Inc., AST/UST property. It is impractical to perform a health and environmental risk assessment that evaluates all the compounds present in a petroleum product released to the environment. Industry standards and guidance documents acknowledge that select compounds may be used to calculate soil cleanup levels for a complex petroleum product. The release at this property is primarily GRO- and DRO-based compounds. Therefore, Advent evaluated the health risk standards for benzene, ethylbenzene, naphthalene, toluene, and total xylenes. The American Society for Testing and Materials (ASTM) identifies these compounds as the appropriate representatives for gasoline and fuel oil in the "Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites."

Advent calculated SSRCLs for soils based on protection of human health from direct contact according to guidelines outlined in NR 720.19 (5). We evaluated each "indicator" compound for its individual health risk. We also examined the cumulative health risks from carcinogens (benzene) and non-carcinogens (ethylbenzene, naphthalene, toluene, and total xylenes). Based on the site investigation results, the existing contaminant concentrations do not present a health risk. Copies of the spreadsheets used to calculate health risk parameters are included in Appendix F.

Groundwater Protection

We developed SSRCLs based on groundwater protection for naphthalene because the SPLP testing indicated that this compound presented the greatest potential risk to groundwater quality at the site. In addition, naphthalene was generally the most significant soil contaminant and one of the compounds detected at concentrations exceeding its ES in groundwater samples collected at the site. We used the SPLP test to determine the potential for contaminants to desorb from soil and migrate downward to groundwater.

Using a mixing zone dilution model, we also derived a dilution factor for leachate contaminant concentrations entering the groundwater mixing zone. Based on the groundwater dilution factor calculation, naphthalene concentrations greater than 17 ppb in the leachate will cause an exceedance of the 8 ppb PAL for naphthalene in the groundwater. Therefore, we compared the contaminant concentration in the leachate to the maximum allowable leachate concentration of 17 ppb for naphthalene. Naphthalene concentrations less than 17 ppb in the leachate should not produce naphthalene in the groundwater at concentrations exceeding the PAL. Copies of the spreadsheet used to develop the groundwater mixing zone are included in Appendix G.

We collected 13 soil samples from seven soil borings as part of the site-specific study. For each of the samples, we determined the ratio between the total soil concentration and desorbed leachate concentration for naphthalene. Based on analytical results, we calculated the maximum naphthalene soil concentration that would theoretically affect groundwater below groundwater regulatory limits. We completed a statistical analysis according to WDNR guidance to determine if our evaluation was valid. Copies of the spreadsheets used to determine the ratios, including the statistical analysis, are included in Appendix G.

The SSRCL for naphthalene based on groundwater protection is estimated to be 4,100 ppb. Based on the statistical analysis, the leaching test results for naphthalene are acceptable.

The following table presents the WDNR generic and site-specific RCLs for naphthalene:

	<u>Health Risk</u>	<u>Groundwater Protection</u>
WDNR Generic RCLs (ppb)	20,000	400
Site-specific RCLs (ppb)	>36,000	4,100

The estimated extent of soil exceeding generic standards is 16,350 tons (10,900 yards³). The estimated extent of soil exceeding site-specific standards is 10,800 tons (7,200 yards³). The use of SSRCLs reduces soil requiring remediation by approximately 5,550 tons. See Figure 4 for the extent of soils with contaminants exceeding SSRCLs.

Conclusions and Recommendations

Conclusions

Physical observations, field screening, and chemical analyses results indicate that petroleum contamination is present in both the soil and groundwater at the Reinders, Inc., UST/AST site. Advent estimates that approximately 16,350 tons of petroleum-contaminated soil is present. Based on the site history and distribution of contaminants at the site, the former AST system is the likely source of contamination.

The contaminated soil at the site does not pose a threat to human health from direct contact. However, the contaminated soil is adversely affecting groundwater quality at the site. VOCs have been detected at concentrations exceeding regulatory standards in two monitoring wells at the site. In addition, free product was identified in one monitoring well during the May 1996 sampling event.

Based on SPLP testing, naphthalene concentrations greater than 4,100 ppb in the soil present a risk to groundwater quality. Approximately 10,800 tons of soil with naphthalene concentrations greater than 4,100 ppb exist on-site.

Groundwater is present at the site at depths ranging from 8 to 18 feet. In general, groundwater flow has been away from Underwood Creek, indicating that groundwater discharges from Underwood Creek into the near-surface aquifer. Therefore, groundwater contamination from the Reinders property does not discharge into Underwood Creek. Analytical results indicate that petroleum contamination is present in the groundwater. Free product was identified in MW-R4 during the May 30, 1996, sampling event. Free product was not observed in this well during previous or subsequent sampling events. Based on the hydraulic conductivity testing at the site, contaminant migration in the groundwater is not inhibited by the relatively permeable soils at the site.

Reinders, Inc., and surrounding businesses are serviced by potable water wells. Currently, the extent of groundwater contamination has been identified. No potable wells are located within 150 feet of the edge of the groundwater contaminant plume.

Recommendations

Advent recommends that the soil with naphthalene concentrations greater than 4,100 ppb be actively remediated. The Wisconsin Department of Commerce (WDCOM), administrators for the Petroleum Environmental Cleanup Fund Act (PECFA) program, require the evaluation of three feasible remediation strategies. Appropriate alternatives for this site include excavation and bioremediation treatment, excavation and thermal treatment, and excavation and asphalt incorporation. We recommend preparing a cost analysis to identify the most cost-effective remedial alternative.

Active soil remediation will greatly reduce the contaminant mass available to affect groundwater quality at the site. Reducing the contaminant mass will lessen the potential for free product in the groundwater and greatly reduce the potential of threatening potable wells in the area.

Any monitoring wells removed during soil remediation activities should be replaced prior to initiating the groundwater monitoring program. We also recommend constructing several sumps in the excavation. If necessary, groundwater should be pumped from the sumps for disposal at a wastewater treatment plant. This should reduce residual groundwater contamination and decrease the length of post-remediation groundwater monitoring.

Following soil remediation activities, Advent recommends establishing a groundwater monitoring program to evaluate the appropriateness of natural attenuation as a remedial option for groundwater. The groundwater monitoring program should consist of collecting groundwater samples from the eight monitoring wells, any sumps installed on-site, and the potable wells in the area on a quarterly basis for one year. The samples should be submitted to a laboratory for analysis of GROs, DROs, petroleum volatile organic compounds (PVOCs), and naphthalene. In addition, samples collected from the wells should be analyzed for dissolved oxygen (field measurement), nitrates, sulfates, iron, and manganese to determine if natural attenuation is effectively remediating groundwater contamination at the site. The groundwater analytical results should be evaluated to determine if the sumps should be pumped or if active groundwater remediation, continued monitoring, or site closure is warranted.

APPENDIX A

Wisconsin Geologic and Natural History Survey Geologic Logs

Wauwatosa State Bank, Elm Grove, Wisconsin
 Elm Grove and Park Shop Roads
 Layne-Northwest Company, Drillers, July, 1957
 Samples examined by J. Steuerwald, Nos. 197167-197188

SE, NW
 Sec. 25, T. 7 N., R. 20 E

45	0-5	5		Silt, buff, sandy, dolomitic	cement gr 12' water 14" casin 30' 8" casing 54' 8" hole 200' 6" liner 240'
	5-20	15		Till, tan, dolomitic, stony, sandy, silty	
	20-30	10		Gravel, fine, silty and sandy	
	30-45	15		Sand, medium to very coarse, few pebbles	
	45-70	25		Dolomite, medium gray, much quartz sand 45-55 (driller reports top rock at 54')	
	70-80	10		Dolomite, light medium gray	
	80-125	45		Dolomite, light gray, little white chert 105-110, vuggy 115-120	
	125-135	10		Dolomite, light gray, little white chert	
	135-160	25		Dolomite, light gray, much white chert	
	160-200	40		Dolomite, light gray, much white chert	
	200-220	20		Dolomite, light medium brown, trace of white chert (cavings?)	
	220-240	20		Dolomite, light medium gray, trace of white chert (cavings?)	
240-265	25		Dolomite, light medium gray		
265-295	30		Dolomite, medium gray		
250	5	5		Shale, green-gray, dolomitic	

296 Total depth

Formations: Drift; Niagara; Richmond.

Tested for 6 hours at 50 g.p.m., specific capacity = 2.94 g.p.m./ft. of drawdown

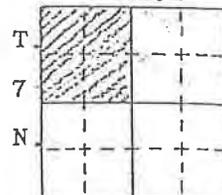
Additional copies may be secured from the Wisconsin Geological Survey, Science Hall, Madison 6, Wi

County: Waukesha

WR 727
R. 20E

Well name Sentry Food Store Well
 Brookfield Township
 Owner.... Godfrey Company
 Address.. 1200 W. Sunset Drive
 Waukesha, Wisconsin
 Engineer.. Egerer-Galloway Well Corp.

Completed... 11/15/69
 Field check.
 Altitude.... 750' ETM
 Use..... Potable
 Static w.l.. 17'
 Spec. cap... 2.9



Sec. 25

Quad. Wauwatosa 7 1/2'

Drill Hole

Casing & Liner Pipe or Curbing

Dia.	from	to	Dia.	from	to	Dia.	Wgt. & Kind	from	to	Dia.	Wgt. & Kind	from	to
2"	0'	51'	8"	51'	125'	12"	Steel 3/8" Welded	0'	51'	8"	Steel 3/8" Welded A-53	+2'	59'

Grout: Kind

Neat cement

from	to
0'	51'

Samples from 0' to 125' Rec'd: 10/29/69 Studied by: M. Roshardt

Issued: Oct., 1970

Formations: Drift, Silurian Undifferentiated

Remarks: Well tested for 4 hours at 60 gpm with 21 feet of drawdown.
 Driller reports bedrock reached at 55'.

LOG OF WELL:

Depths	Graphic Section	Rock Type	Color	Grain Size		Miscellaneous Characteristics
				Mode	Range	
0-5 S		Gravel	Mixed	M pab	Gran/L pab	Little sand. Trace silt-clay.
5-10		"	Brown	Gran	Gran/S pab	Much silty clay. Little sand.
10-15		"	"	"	"	Same
15-20		"	"	"	"	Little clay. Trace sand.
20-25		"	"	S pab	"	Little sand. Trace clay.
25-30		"	"	"	"	Same
30-35		"	"	Gran	"	Much sand. Little clay.
35-40 S		"	"	S pab	"	Little sand. Trace clay.
40-45 S		"	"	Gran	"	Much sand. Trace clay.
45-50 S		"	"	"	"	Little sand, clay.
50-55 S		Sand	"	M	Yfn/YC	Much clay. Trace granules.
55-60 S		"	"	"	"	Same
60-65 S		"	"	"	"	"
65-70 S		Gravel	"	S pab	Gran/S pab	Little sand, clay.
70-75		Dolomite	Yellow gray	M	--	Little "caved" sand. Trace chert.
75-80		"	Tan	"	--	Little "caved" sand.
80-85		"	"	"	--	--
85-90		"	"	"	--	Trace white chert.
90-95		"	"	"	--	--
95-100		"	"	"	--	Trace white chert.
100-105		"	"	"	--	Same
105-110		"	"	"	--	--
110-115		"	"	"	--	--
115-120		"	"	"	--	Trace white chert.
120-125 S		"	"	"	--	Same

END OF LOG

APPENDIX B

Soil and Groundwater Sampling Procedures, PID Screening Procedures, PID Calibration Documentation, Borehole Abandonment Procedures, and Chain of Custody Procedures

Soil Sampling Procedures

We collected subsurface soil samples with either a truck-mounted rotary drill rig equipped with a hollow-stem auger and a 2-inch-diameter, 24-inch split-spoon sampler or a truck-mounted hydraulically driven 1-inch-diameter hollow-tube sampling device. The split-spoon sampler was advanced at two intervals by conventional methods, including the attachment of the sampler to an AW rod and standard 140-pound hammer. The hollow-tube sampler was advanced at 2-foot vertical intervals by conventional methods. Each soil sample was split with a portion being used for field screening and a sample for laboratory analysis.

All drilling tools and equipment were high-pressure steam-cleaned prior to the start of sampling work and between each sampling point. All Geoprobe and sampling tools were also washed with an Alconox™ and reagent water solution between sampling points to prevent cross contamination.

Soil Samples Submitted for Laboratory Analysis

After collection, we placed the soil samples into the appropriate containers as follows:

ANALYTE	CONTAINER TYPE	FIELD PRESERVATIVE
GRO	2-oz. preweighed TLC jar	Methanol
DRO	2-oz. preweighed TLC jar	None
VOC	2-oz. preweighed TLC jar	Methanol
SPLP VOCs	2-oz. TLC jar	zero headspace
Total Organic Carbon	4-oz. TLC jar	None
Total Lead	4-oz. TLC jar	None

TLC = Teflon-lined cap

Samples were then sealed and placed in a cooler filled with ice for transport to the laboratory. All samples were labeled with the following information:

- Sample number
- Date and time of collection
- Analysis requested
- Name of sampler

PID Screening Procedures

We field screened the soil samples with a PID using the headspace procedure. Immediately after the split spoon or hollow-tube sampler was opened, PID readings and sample descriptions and remarks were recorded on a soil profile log at the appropriate depth intervals. Results from this screening survey were used to select samples for laboratory analysis. The PID calibration was checked daily with isobutylene gas and at appropriate time intervals according to WDNR guidelines. The headspace procedure was conducted as follows:

- Clean four-ounce glass jars were filled half-full with the sample material. The headspace jar was sealed with a plastic teflon-lined lid.
- The sample was agitated for at least 30 seconds to break soil clods and release headspace vapors.
- Based on the ambient air temperatures, the soil samples were either warmed or cooled to approximately 70°F. Warming consisted of placing the headspace samples in a warm environment out of direct sunlight until the sample temperature was approximately 70°F. Cooling consisted of placing the headspace samples in a cooler out of direct sunlight until the sample temperature was approximately 70°F.
- Following equilibration, the sample headspace was tested by loosening the jar lid and inserting the PID probe between the lid and jar to a position halfway between the lid and sample surface. The highest instrument readings were recorded on the boring log.
- New headspace jars were used on each day that soil samples were collected. The headspace jars were cleaned with an Alconox™ and water solution and allowed to dry between sampling locations. If no VOC carryover was identified with a PID in the cleaned jars, the jars were reused; if VOC carryover was identified, the sample jars were discarded.

Procedures for Abandoning a Borehole

After all necessary soil samples were collected, each borehole not converted to a groundwater monitoring well was completely backfilled with bentonite and a concrete cap was placed at the surface. Abandonment procedures were followed as outlined in Chapter NR 141.25 of the Wisconsin Administrative Code. A WDNR borehole abandonment form (Form 3300-5W) was completed for each soil boring not converted to a groundwater monitoring well and is included in this report.

Groundwater Sampling Procedures

We collected groundwater samples from each monitoring well following well development. Development consisted of purging the groundwater monitoring well of ten well volumes or until the well was purged dry at least three times. A clean disposable polyethylene bailer was then inserted down the PVC piping and the contents of the bailer were transferred to the appropriate containers as follows:

ANALYTE	CONTAINER TYPE	FIELD PRESERVATIVE
GRO	40-ml vial	Hydrochloric acid
DRO	1-liter amber jar	Hydrochloric acid
VOC	40-ml vial	Hydrochloric acid
TOTAL LEAD	125-ml plastic bottle	nitric acid

Care was taken to ensure that no air space was entrapped in the 40-ml vials. The water sample containers were then sealed and placed in a cooler filled with ice for transport to the laboratory. All collected samples were labeled with the following information:

- Sample number
- Date and time of collection
- Analysis requested
- Name of sampler

Chain of Custody Procedures

Advent completed a chain of custody record in triplicate immediately after sample collection. The chain of custody record was kept with the samples during transport to the laboratory. When transferring sample custody, the individuals relinquishing and receiving the samples signed, dated, and recorded the time on the chain of custody record. A designated sample custodian accepted custody of the shipped samples and verified that the sample identification numbers matched those on the chain of custody record. A copy of the chain of custody record was then retained by the laboratory until analyses were completed. The record was then transferred to Advent and is maintained in the project file with the analytical results.

**Advent
Environmental
Services, Inc.**

10845 N. Buntrock Ave. 64W
Mequon, WI 53092
Fax 414.238.0528
414.238.1998
1.800.880.1998

**PHOTOIONIZATION DETECTOR
CALIBRATION DOCUMENTATION**

5110 Fairview Dr., Suite A
Eau Claire, WI 54701
Fax 715.831.1531
715.831.1530
1.800.530.1520

SITE NAME: Reinders, Inc. - Project No. 950227.01

DATE: October 9, 1995

SIGNATURE: _____

TIME: 0700

AMBIENT TEMPERATURE: 65° F

SAMPLE EQUILIBRATION TEMPERATURE: 70° F

WEATHER CONDITIONS: Partly cloudy.

Advent Environmental Services, Inc.'s Thermo Environmental Model 580B photoionization detector number 6 was calibrated with a 250 parts per million isobutylene standard calibration gas. The PID unit was equipped with a 10.6 eV lamp.

ERRATIC READINGS : None

REPAIRS OR CLEANING : None

**Advent
Environmental
Services, Inc.**

10845 N. Buntrock Ave, 64W
Mequon, WI 53092
Fax 414.238.0528
414.238.1998
1.800.880.1998

**PHOTOIONIZATION DETECTOR
CALIBRATION DOCUMENTATION**

5110 Fairview Dr., Suite A
Eau Claire, WI 54701
Fax 715.831.1531
715.831.1530
1.800.530.1520

SITE NAME: Reinders, Inc. - Project No. 950227.01

DATE: October 12, 1995

SIGNATURE:



TIME: 0700

AMBIENT TEMPERATURE: 65° F

SAMPLE EQUILIBRATION TEMPERATURE: 70° F

WEATHER CONDITIONS: Overcast.

Advent Environmental Services, Inc.'s Thermo Environmental Model 580B photoionization detector number 6 was calibrated with a 250 parts per million isobutylene standard calibration gas. The PID unit was equipped with a 10.6 eV lamp.

ERRATIC READINGS : None

REPAIRS OR CLEANING : None

**Advent
Environmental
Services, Inc.**

10845 N. Buntrock Ave., 64W
Mequon, WI 53092
Fax 414.238.0528
414.238.1998
1.800.880.1998

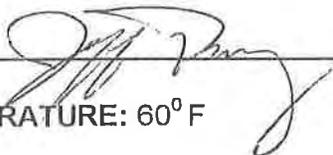
**PHOTOIONIZATION DETECTOR
CALIBRATION DOCUMENTATION**

5110 Fairview Dr., Suite A
Eau Claire, WI 54701
Fax 715.831.1531
715.831.1530
1.800.530.1520

SITE NAME: Reinders, Inc. - Project No. 950227.01

DATE: October 25, 1995

SIGNATURE: _____



TIME: 0700

AMBIENT TEMPERATURE: 60° F

SAMPLE EQUILIBRATION TEMPERATURE: 70° F

WEATHER CONDITIONS: Overcast.

Advent Environmental Services, Inc.'s Thermo Environmental Model 580B photoionization detector number 6 was calibrated with a 250 parts per million isobutylene standard calibration gas. The PID unit was equipped with a 10.6 eV lamp.

ERRATIC READINGS : None

REPAIRS OR CLEANING : None

**Advent
Environmental
Services, Inc.**

*10845 N. Buntrock Ave. 64W
Mequon, WI 53092
Fax 414.238.0528
414.238.1998
1.800.880.1998*

**PHOTOIONIZATION DETECTOR
CALIBRATION DOCUMENTATION**

*5110 Fairview Dr., Suite A
Eau Claire, WI 54701
Fax 715.831.1531
715.831.1530
1.800.530.1520*

SITE NAME: Reinders, Inc. - Project No. 950227.01

DATE: December 1, 1995

SIGNATURE:  _____

TIME: 0700

AMBIENT TEMPERATURE: 40° F

SAMPLE EQUILIBRATION TEMPERATURE: 70° F

WEATHER CONDITIONS: Sunny.

Advent Environmental Services, Inc.'s Thermo Environmental Model 580B photoionization detector number 6 was calibrated with a 250 parts per million isobutylene standard calibration gas. The PID unit was equipped with a 10.6 eV lamp.

ERRATIC READINGS : None

REPAIRS OR CLEANING : None

**Advent
Environmental
Services, Inc.**

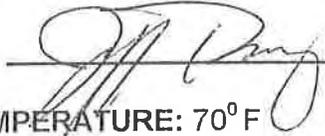
10845 N. Buntrock Ave. 64W
Mequon, WI 53092
Fax 414.238.0528
414.238.1998
1.800.880.1998

**PHOTOIONIZATION DETECTOR
CALIBRATION DOCUMENTATION**

5110 Fairview Dr., Suite A
Eau Claire, WI 54701
Fax 715.831.1531
715.831.1530
1.800.530.1520

SITE NAME: Reinders, Inc. - Project No. 950227.01

DATE: September 30, 1996

SIGNATURE:  _____

TIME: 0700

AMBIENT TEMPERATURE: 70° F

SAMPLE EQUILIBRATION TEMPERATURE: 70° F

WEATHER CONDITIONS: Overcast.

Advent Environmental Services, Inc.'s Thermo Environmental Model 580B photoionization detector number 6 was calibrated with a 250 parts per million isobutylene standard calibration gas. The PID unit was equipped with a 10.6 eV lamp.

ERRATIC READINGS : None

REPAIRS OR CLEANING : None

**Advent
Environmental
Services, Inc.**

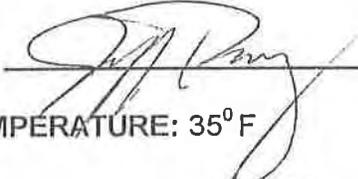
10845 N. Buntrock Ave. 64W
Mequon, WI 53092
Fax 414.238.0528
414.238.1998
1.800.880.1998

**PHOTOIONIZATION DETECTOR
CALIBRATION DOCUMENTATION**

5110 Fairview Dr., Suite A
Eau Claire, WI 54701
Fax 715.831.1531
715.831.1530
1.800.530.1520

SITE NAME: Reinders, Inc. - Project No. 950227.01

DATE: March 18, 1997

SIGNATURE:  _____

TIME: 0700

AMBIENT TEMPERATURE: 35⁰ F

SAMPLE EQUILIBRATION TEMPERATURE: 70⁰ F

WEATHER CONDITIONS: Overcast.

Advent Environmental Services, Inc.'s Thermo Environmental Model 580B photoionization detector number 6 was calibrated with a 250 parts per million isobutylene standard calibration gas. The PID unit was equipped with a 10.6 eV lamp.

ERRATIC READINGS : None

REPAIRS OR CLEANING : None

APPENDIX C

WDNR Soil Boring Log Information (WDNR Form 4400-122), Monitoring Well/Drillhole/Borehole Abandonment (WDNR Form 3300-5W), Monitoring Well Construction Reports (WDNR Form 4400-113A), and Monitoring Well Development Forms (WDNR Form 4400-113B)

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-1

Project Name: Reinders Brothers (Tank 2 &3) Date of Boring: June 1, 1993

Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
SURFACE							
ASPHALT							
FILL: sand and gravel, brown, moist		1-SS	42	1			
	5'	2-SS	9	42			Strong Gas Odor
ORGANIC SOIL, black, strong gas odor, moist		3-SS	9	105			Strong Gas Odor
WELL GRADED SAND, trace gravel, gray, medium dense to dense, moist to wet (SW)	10'	4-SS	25	100			Strong Gas Odor
		5-SS	13	85	5160	40	Wet sampler Strong gas odor Visible gas
SILTY CLAY, gray, moist (CL)		6-SS	8	16			Wet sampler Strong gas odor Visible gas
SILTY SAND, fine grained, brown and black staining, medium dense, wet (SM)	15'	7-SS	12	4	28	<10	Wet sampler Strong gas odor Visible gas
End of Boring	20'						
Water at 19'-2" while drilling; visible gas on water							

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-2

Project Name: Reinders Brothers (Tank 2 & 3) Date of Boring: June 2, 1993

Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
SURFACE							
ASPHALT							
FILL: sand and gravel, brown, moist		1-SS	25	1			
FILL: organic soil with gravel, black, moist	5'	2-SS	8	2			
WELL GRADED SAND, with silt seams, gray and black, gas odor, very dense to dense, wet (SW)	10'	3-SS	2	80	27,330	120	Wet sampler Strong gas odor Visible gas
		4-SS	33	85			Wet sampler Strong gas odor Visible gas
		5-SS	22	77			Wet sampler Strong gas odor Visible gas
SILTY CLAY, brownish-gray, gas odor, moist (CL)	15'	6-SS	14	40	173	<10	Wet sampler Strong gas odor Visible gas
A							
End of Boring							
After auger removal:							
cave in depth at 9'-6"							
water level at 9'-3"							
gas on top of water							
A - SILTY SAND, fine grained, brownish-gray, gas odor, medium dense, wet (SM)							

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-3

Project Name: Reinders Brothers (Tank 2 & 3) Date of Boring: June 2, 1993

Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
SURFACE							
ASPHALT							
FILL: sand and gravel, brown, moist		1-SS	44	2			
FILL: clayey silt with sand, black, moist	5'	2-SS	12	7			
		3-SS	7	75			Gas odor
WELL GRADED SAND, with gravel, gray, gas odor, dense, very moist (SW)	10'	4-SS	19	80			Gas odor
		5-SS	25	70	77	<10	Gas odor
SILTY SAND, fine grained, gray, gas odor, medium dense, wet (SM)	15'	6-SS	9	80			Wet sampler Visible gas Gas odor
		7-SS	8	85	153	<10	Wet sampler Visible gas Gas odor
End of Boring	20'						
After auger removal: cave in depth at 10'-8" water level at 10'-7" gas on water surface							

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-4

Project Name: Reinders Brothers (Tank 2 & 3) Date of Boring: June 2, 1993

Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
SURFACE							
ASPHALT							
A							
FILL: clayey silt with sand and gravel, black, moist	5'	1-SS	43	1			
		2-SS	15	ND			
SAND, fine grained, dark gray, light gas odor, slightly compacted, moist (SP)		3-SS	7	2			
WELL GRADED SAND, with gravel, gray, gas odor, medium dense to dense, very moist to wet (SW)	10'	4-SS	14	19			
		5-SS	19	ND			
SILTY SAND, fine grained, gray, gas odor, medium dense, wet	15'	6-SS	12	70	13,300	102	
		7-SS	14	ND			
	20'	8-SS	11	ND	62	<10	
End of Boring							
After auger removal: cave in depth at 11' water level just above 11'							
A - FILL: sand and gravel, few fines, brown, moist							

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-5

Project Name: Reinders Brothers (Tank 2 & 3) Date of Boring: June 3, 1993

Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
SURFACE							
ASPHALT							
FILL: sand and gravel, brown, moist		1-SS	50+/5"	ND			
FILL: silty clay with sand and gravel, brownish-gray, moist							
FILL: organic soil with sand, brick piece, black, slight gas odor, very moist	5'	2-SS	12	-			No Sample Recovery
WELL GRADED SAND WITH GRAVEL, gray, gas odor, medium dense, very moist (SW)		3-SS	5	9			
	10'	4-SS	13	31			
SILTY SAND WITH GRAVEL, fine to medium grained, grayish-brown, gas odor, very moist (SM)		5-SS	36	50	12,520	24	
SILTY SAND, fine grained, grayish-brown, with slight black staining, slight gas odor, medium dense, moist (SM)	15'	6-SS	15	2			
		7-SS	12	2			Wet Tip
	20'	8-SS	8	ND	22	<10	Wet Sampler
End of Boring							
After auger removal: cave in depth at 11' water level at 10' gas on top of water							
PID: Photoionization Detector ND: No Detect							

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-6

Project Name: Reinders Brothers (Tank 2 & 3) Date of Boring: June 3, 1993

Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
SURFACE							
ASPHALT							
FILL: sand and gravel, brown, moist							
FILL: silty clay with sand and gravel, brick pieces, brown and black, light gas odor, moist	5'	1-SS	14	ND			
		2-SS	15	ND			
SILTY CLAY WITH ORGANICS AND SAND, black, light gas odor, moist		3-SS	4	ND			Poor Recovery
WELL GRADED SAND WITH GRAVEL, black, gas odor, dense, very moist (SM)	10'	4-SS	22	50	8,500	280	
		5-SS	24	40			
SILTY FINE SAND WITH CLAY SEAMS, gray, gas odor, medium dense, wet (SM)	15'	6-SS	11	4	54	<10	Wet sampler Visible gas on sampler
End of Boring							
after auger removal: cave in depth at 10' water level at 9'-7"	20'						
PID: Photoionization Detector ND: No Detect							

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-7

Project Name: Reinders Brothers Date of Boring: June 3, 1993
 Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	CRO	REMARKS
SURFACE							
ASPHALT							
FILL: sand and gravel, brown, moist NOTE: wood in sample		1-SS	42	ND			
FILL: silty clay, trace gravel, black, moist	5'	2-SS	10	ND			
		3-SS	7	ND			
SILTY CLAY WITH SAND & GRAVEL, black, moist (CL)	10'	4-SS	11	60			
WELL GRADED SAND WITH GRAVEL, black, gas odor, dense, moist (SW)		5-SS	23	55	10,540	120	
SILTY FINE SAND, gray, slight gas odor, medium dense, moist (SM)	15'	6-SS	16	13			Wet sampler
		7-SS	6	3			Wet sampler
	20'	8-SS	12	1	48	<10	Wet sampler
End of Boring							
after auger removal: cave in depth at 11'-4" no standing water							
PID: Photoionization Detector ND: No Detect							

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-8

Project Name: Reinders Brothers (Tank 2 & 3) Date of Boring: June 4, 1993

Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
ASPHALT SURFACE							
FILL: silty clay with sand and gravel, brown, moist		1-SS	14	ND			
NOTE: difficult drilling skip sample #2 (stone or concrete)	5'	2-SS	-	-			No Sample
WELL GRADED SAND WITH SILT, gravel and clay seams, gray with black staining, dense, moist to wet (SW)	10'	3-SS	22	ND			
		4-SS	19	ND	87	<10	Wet Sample
SILTY FINE SAND WITH CLAY SEAMS, gray, medium dense, wet (SM-SC)		5-SS	12	ND			Wet Sample
A	15'	6-SS	6	ND	85	<10	Wet Sample
End of Boring							
after auger removal: cave in depth at 8'-2" water level at 8'	20'						
A - WELL GRADED SAND WITH SILT, gray, slightly compacted, wet (SW)							
PID: Photoionization Detector ND: No Detect							

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-9

Project Name: Reinders Brothers (Tank 2 & 3) Date of Boring: June 4, 1993
 Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
SURFACE							
ASPHALT							
FILL: silty sand with gravel, brown and black, moist		1-SS	21	1			
FILL: silty clay, dark gray, moist	5'	2-SS	50+ ³ / ₄ "	-			No Recovery Drove Stone
NOTE: difficult drilling							
		3-SS	11	-			No Recovery Drove Stone
WELL GRADED SAND WITH SILT AND GRAVEL AND CLAY SEAMS, gray, with black staining, very dense to medium dense, wet	10'	4-SS	33	ND			
		5-SS	15	ND	88	<10	Wet Sampler
SILTY FINE SAND WITH CLAY SEAMS, gray, with black staining, medium dense, wet (SM)	15'	6-SS	12	ND	55	<10	Wet Sampler
End of Boring							
after auger removal: cave in depth at 8'-2" water level at 8'-1"	20'						
PID: Photoionization Detector ND: No Detect							

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-10

Project Name: Reinders Brothers (Tank 2 & 3) Date of Boring: June 4, 1993

Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
SURFACE							
ASPHALT							
FILL: sand & gravel, brown, moist							
FILL: silty sand with gravel, black, gas odor, moist		1-SS	16	60			
FILL: silty clay with sand, greenish-brown, gas odor, moist	5'	2-SS	10	62			
PEAT, black, moist (Pt)		3-SS	9	70			
WELL GRADED SAND WITH SILT AND GRAVEL, dark gray, gas odor, dense, very moist (SW)	10'	4-SS	22	75	120	21	
SILTY CLAY WITH SILT SEAMS, greenish-brown with black streaks, dense, moist (CL)		5-SS	19	9			Wet Sampler
SILTY FINE SAND, gray with black streaks, medium dense, wet (SM)	15'	6-SS	8	ND	74	<10	
End of Boring							
after auger removal: cave in depth at 8'-6" water level at 8'-4"	20'						

PID: Photoionization Detector
ND: No Detect

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-11

Project Name: Reinders Brothers (Tank 2 & 3) Date of Boring: June 4, 1993

Site: Elm Grove, WI Project No.: 052-34014

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
ASPHALT SURFACE							
FILL: silty clay with sand, gravel, and organics, black, moist		1-SS	50+/5"	ND			
	5'	2-SS	7	75			
SILTY CLAY WITH ORGANICS, black, gas odor, moist (CL)		3-SS	5	80	10,840	72	
ORGANIC SOIL WITH SAND SEAMS, black, gas odor, moist (OL)	10'	4-SS	16	70			
WELL GRADED SAND WITH SILT AND GRAVEL, dark gray to black, gas odor, dense, very moist to wet (SW)		5-SS	25	45			Wet Sampler Visible Gas
	15'	6-SS	14	6	51	<10	Wet Sampler Visible Gas
A End of Boring							
after auger removal: cave in depth at 10'-3" water level at 10'-1" gas floating on water	20'						
A - SILTY FINE SAND, gray, gas odor, medium dense, wet (SM)							
PID: Photoionization Detector ND: No Detect							

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-13

Project Name: Reinders Brothers (Tank 2 & 3) Date of Boring: June 10, 1993

Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
SURFACE							
ASPHALT							
FILL: sand and gravel, brown, moist		1-SS	50+/3"	ND			
FILL: silty clay, brick pieces, mortar chunks black, moist	5'	2-SS	9	ND			
		3-SS	3	ND			
SILTY CLAY, black, moist (CL)		4-SS	9	40			
WELL GRADED SAND WITH SILT, dark gray, gas odor, medium dense to dense, very moist (SW)	10'	5-SS	25	50	4,000	94	
	15'	6-SS	20	2	85	22	
SILT, brown, moist (ML)							
End of Boring							
after auger removal: cave in depth at 10'-7" water level at 10'-6"	20'						

PID: Photoionization Detector
ND: No Detect

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-14

Project Name: Reinders Brothers (Tank 2 & 3) Date of Boring: June 10, 1993

Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
ASPHALT SURFACE							
FILL: sand and gravel, tan, moist							
FILL: silty clay, few sand and gravel, black, moist		1-SS	16	2			
SILT, brownish-gray, moist (ML)	5'	2-SS	7	50			
ORGANIC SOIL, black, gas odor, moist (OL)							
WELL GRADED SAND WITH GRAVEL, dark gray, gas odor, dense, moist (SW)		3-SS	9	50			
NOTE: 2" silt seam at 10'	10'	4-SS	19	70			
		5-SS	24	62	132	10	Wet Sampler
SILTY FINE SAND, brownish-gray, medium dense, moist (SM)	15'	6-SS	9	5	28	<10	Wet Sampler
End of Boring							
after auger removal: cave in depth at 8'-8" water level at 8'-7"	20'						

PID: Photoionization Detector
ND: No Detect

Professional Service Industries, Inc.

RECORD OF SUBSURFACE EXPLORATION

Boring C-15

Project Name: Reinders Brothers Date of Boring: June 10, 1993

Site: Elm Grove, WI Project No.: 052-34013

DESCRIPTION	DEPTH	SAMPLE	N	PID	DRO	GRO	REMARKS
ASPHALT SURFACE							
FILL: sand, gravel and silt, tan, moist		1-SS	12				
FILL: silty clay with sand and gravel, brown and black, moist	5'	2-SS	9				
SILTY SAND WITH ORGANICS, dark gray, gas odor, dense, moist (SM)		3-SS	18				
WELL GRADED SAND WITH GRAVEL, dark gray, gas odor, very dense, wet (SW)	10'	4-SS	29				Wet Sample
SILTY CLAY, gray, moist (CL)		5-SS	29	40	46	<10	Wet Sample
	15'	6-SS	16	-			Wet Sample No Sample recovery
End of Boring							
perched water at 1'-6"	20'						

PID: Photoionization Detector
 ND: No Detect

Route to:

<input type="checkbox"/> Solid Waste	<input type="checkbox"/> HazWaste
<input type="checkbox"/> Emergency Response	<input type="checkbox"/> Underground Tanks
<input type="checkbox"/> Wastewater	<input type="checkbox"/> Water Resources
<input type="checkbox"/> Superfund	<input type="checkbox"/> Other

Facility/Project Name Reinders, Inc.		License/Permit/Monitoring Number		Boring Number GP 1	
Boring Drilled By (Firm name and name of crew chief) Briohn Environmental Contractors, Dan Rezner		Date Drilling Started 10 9 95 MM/ DD/ YY		Date Drilling Completed 10 9 95 MM/ DD/ YY	
DNR Facility Well No. _____ WI Unique Well No. _____		Common Well Name MW-		Drilling Method GEOPROBE	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E		Final Static Water Level Feet MSL _____		Surface Elevation Feet MSL _____	
County Waukesha		DNR County Code 68		Civil Town/City/or Village ELM GROVE	
		Borehole Diameter 1 inches		Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S	

Sample Number and Type	Length Att. & Recovered (ft)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	12		2.0	ASPHALT FILL: SILTY CLAY, SAND, AND GRAVEL	FILL: CL, SP, GP			<1		DAMP				
2	12		4.0					<1						
3	12		6.0	BLACK ORRGANIC CLAY (BURIED TOPSOIL)	OH/OL			<1						
4	18		8.0	WHITE TO LIGH T GRAY SILT, TRACE FINE TO MEDIUM SAND, TRACE ROOTS.	ML			1		MOIST				LAB SAMPLE
5	18		10.0	GRAY SILTY CLAY, SOME FINE TO MEDIUM SAND AND GRAVEL, TRACE ROOTS. OCCASIONAL 1/8 TO 1/2 INCH FINE TO MEDIUM SAND SEAMS THROUGHOUT.	CL			1						
6	18		12.0	GRAY FINE SILTY SAND.	SP			<1		WET				LAB SAMPLE
7	24		14.0					1						
8			16.0	END OF BORING AT 15 FEET										
9			18.0											
			20.0											

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

Signature _____ Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

- Route to:
- Solid Waste
 - Emergency Response
 - Wastewater
 - Superfund
 - HazWaste
 - Underground Tanks
 - Water Resources
 - Other

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number GP 1A					
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC., ADAM SAUTER			Date Drilling Started 10 25 95 MM/ DD/ YY		Date Drilling Completed 10 25 95 MM/ DD/ YY		Drilling Method GEOPROBE				
DNR Facility Well No.		WI Unique Well No.		Common Well Name MW-		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 1 inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			Lat		Long		Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S		Feet <input type="checkbox"/> N <input type="checkbox"/> S		
County Waukesha			DNR County Code 68			Civil Town/City/or Village ELM GROVE					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			2.0	ASPHALT BLIND DRILL TO 13 FEET. SEE LOG FOR GP-1 FOR STRATIGRAPHY.	FILL: CL, SP, GP										
			4.0												
			6.0		OH/OL										
			8.0		ML										
1	20		8.0		CL			<1							LAB SAMPLE
			10.0												
2	20		12.0		SP			<1							LAB SAMPLE
			14.0	END OF BORING AT 13 FEET											
			16.0												
			18.0												
			20.0												

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

Signature _____ Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

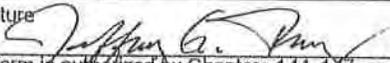
This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

- Route to:
- Solid Waste
 - Emergency Response
 - Wastewater
 - Superfund
 - HazWaste
 - Underground Tanks
 - Water Resources
 - Other

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number GP 2		
Boring Drilled By (Firm name and name of crew chief) Briohn Environmental Contractors, Dan Rezner			Date Drilling Started 10 9 95 MM/ DD/ YY			Date Drilling Completed 10 9 95 MM/ DD/ YY		
DNR Facility Well No. / Unique Well No.			Common Well Name MW-			Final Static Water Level Feet MSL		
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S			Borehole Diameter 1 inches		
County Waukesha			DNR County Code 68			Civil Town/City/or Village ELM GROVE		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
				FILL: GRAVEL	FILL GP									
1	12		2.0	FILL: BLACK TO BROWN SILTY CLAY, SAND, AND GRAVEL.	FILL CL, SP, GP			<1		DAMP				
2	3		4.0					NR						
3	20		6.0	DARK BROWN SILTY CLAY, SOME FINE TO COARSE SAND AND GRAVEL.	CL			<1						LAB SAMPLE
4	24		8.0	GRAY SILT, SOME FINE TO COARSE SAND AND GRAVEL.	ML			<1						
5	18		10.0	GRAY MEDIUM TO COARSE SAND, SOME GRAVEL.	SP			<1		MOIST				LAB SAMPLE
6	20		12.0					<1						
7	12		14.0					<1		WET				
8			16.0	END OF BORING AT 15 FEET										
9			18.0											
			20.0											

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

Signature  Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

- Route to:
- Solid Waste
 - Emergency Response
 - Wastewater
 - Superfund
 - HazWaste
 - Underground Tanks
 - Water Resources
 - Other

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number GP 2A					
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC., ADAM SAUTER			Date Drilling Started 10 25 95 MM/ DD/ YY		Date Drilling Completed 10 25 95 MM/ DD/ YY		Drilling Method GEOPROBE				
DNR Facility Well No.		Unique Well No.		Common Well Name MW-		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 1 inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			Lat		Long		Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S				
County Waukesha				DNR County Code 68		Civil Town/City/or Village ELM GROVE					

Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments		
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
1	20		2.0	FILL: GRAVEL BLIND DRILL TO 11 FEET. SEE LOG FOR GP-2 FOR STRATIGRAPHY.	FILL GP												
			4.0		FILL CL, SP, GP												
			6.0		CL												
			8.0		ML												
			10.0		SP												
			12.0	END OF BORING AT 11 FEET													
			14.0														
			16.0														
			18.0														
			20.0														

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

Signature: *Jeffrey E. King* Firm: **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name: **Reinders, Inc.** License/Permit/Monitoring Number: _____ Boring Number: **GP 3**
 Boring Drilled By (Firm name and name of crew chief): **Briohn Environmental Contractors, Dan Rezner** Date Drilling Started: **10 9 95** Date Drilling Completed: **10 9 95** Drilling Method: **GEOPROBE**
 DNR Facility Well No. _____ Unique Well No. _____ Common Well Name: **MW-** Final Static Water Level: _____ Surface Elevation: _____ Borehole Diameter: **1** inches
 Boring Location: _____ State Plane: **N, 25 T, 7N R, 20E** Lat: _____ Long: _____ Local Grid Location (if applicable): _____ Feet N S
 County: **Waukesha** DNR County Code: **68** Civil Town/City/or Village: **ELM GROVE**

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200			
1	10		2.0	FILL: GRAVEL	FILL GP											
2	12		4.0	FILL: BLACK TO BROWN SILTY CLAY, SAND, AND GRAVEL.	FILL CL, SP, GP			20		DAMP						LAB SAMPLE
3	18		6.0	BLACK ORGANIC CLAY, TRACE FINE TO MEDIUM SAND AND GRAVEL. POSSIBLE FILL	OH/OL FILL?			<1								
4	24		8.0	GRAY SILT, SOME FINE TO COARSE SAND AND GRAVEL.	ML			3								
5	18		10.0	BLACK ORGANIC CLAY, TRACE ROOTS.	OH/OL			2								
6	20		12.0	BROWN SANDY CLAY, TRACE GRAVEL. SLIGHT PETROLEUM ODOR IN SAMPLE NUMBER 5.	CL			50		MOIST						LAB SAMPLE
7	16		14.0	BROWN TO GRAY CLAYEY SAND AND GRAVEL.	SP/GP			10								
8	20		16.0	BROWN MEDIUM SAND.	SP			60		WET						LAB SAMPLE
9	20		18.0	GRAY SILTY CLAY, TRACE FINE TO MEDIUM SAND AND GRAVEL. 1/4 INCH SAND SEAMS OBSERVED IN SAMPLE. SLIGHT PETROLEUM ODOR IN SAMPLE NO. 8	CL			10								
			20.0	END OF BORING AT 17 FEET												

I hereby certify that the information on this form is true and correct to the best of my knowledge.
 Signature: *[Signature]* Firm: **ADVENT Environmental Services, Inc.**
 6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998
 This form is authorized by Chapters 144, 145, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number GP 4					
Boring Drilled By (Firm name and name of crew chief) Briohn Environmental Contractors, Dan Rezner			Date Drilling Started 10 9 95 MM/ DD/ YY		Date Drilling Completed 10 9 95 MM/ DD/ YY		Drilling Method GEOPROBE				
DNR Facility Well No.		WI Unique Well No.		Common Well Name MW-		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 1 inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			Lat Long			Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S			Feet <input type="checkbox"/> N <input type="checkbox"/> S		
County Waukesha				DNR County Code 68				Civil Town/City/or Village ELM GROVE			

Sample Number and Type	Length Att. & Recovered (ft)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				FILL: GRAVEL	FILL GP										
1	10		2.0	FILL: BLACK TO BROWN SILTY CLAY, SAND, AND GRAVEL.	FILL CL, SP, GP			3			DAMP				LAB SAMPLE
2	12		4.0	BLACK ORGANIC CLAY, TRACE FINE TO MEDIUM SAND AND GRAVEL. POSSIBLE FILL.	OH/OL FILL?			3							
3	18		6.0	GRAY SILT, SOME FINE TO COARSE SAND AND GRAVEL.	ML			<1							
				BLACK ORGANIC CLAY, TRACE ROOTS.	OH/OL										
4	24		8.0	BROWN TO BLACK CLAYEY SAND AND GRAVEL.	SP/GP			<1							
5	18		10.0					<1			MOIST				LAB SAMPLE
6	20		12.0	GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.	CL			<1							
7	16		14.0	BROWN MEDIUM SAND.	SP			<1			WET				LAB SAMPLE
8	20		16.0	GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.	CL			<1							
9			18.0	END OF BORING AT 17 FEET											
			20.0												

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

Signature 	Firm ADVENT Environmental Services, Inc. 6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998
---------------	---

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

- Route to:
- Solid Waste
 - Emergency Response
 - Wastewater
 - Superfund
 - HazWaste
 - Underground Tanks
 - Water Resources
 - Other

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number GP 4A			
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC., ADAM SAUTER			Date Drilling Started 10 25 95 MM/ DD/ YY		Date Drilling Completed 10 25 95 MM/ DD/ YY		Drilling Method GEOPROBE		
DNR Facility Well No. / Unique Well No.			Common Well Name MW-			Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			Lat		Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S		Borehole Diameter 1 inches		
County Waukesha			DNR County Code 68		Civil Town/City/or Village ELM GROVE				

Number and Type	Sample Length Alt. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			2.0	FILL: GRAVEL BLIND DRILL TO 17 FEET. SEE LOG FOR GP-4 FOR STRATIGRAPHY.	FILL GP									
			4.0		FILL CL, SP, GP									
			6.0		OH/OL FILL?									
			6.0		ML									
			6.0		OH/OL									
			8.0		SP/GP									
			10.0											
			12.0											
			14.0		CL									
			14.0		SP									
1	24		16.0		CL			<1						LAB SAMPLE
			18.0	END OF BORING AT 17 FEET										
			20.0											

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

Signature *Jeffrey E. Berg* Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name: **Reinders, Inc.** License/Permit/Monitoring Number: _____ Boring Number: **GP 5**

Boring Drilled By (Firm name and name of crew chief): **Briohn Environmental Contractors, Dan Rezner** Date Drilling Started: **10/9/95** Date Drilling Completed: **10/9/95** Drilling Method: **GEOPROBE**

DNR Facility Well No. _____ WI Unique Well No. _____ Common Well Name: **MW-** Final Static Water Level: _____ Surface Elevation: _____ Borehole Diameter: **1** inches

Boring Location: State Plane: **NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E** Lat: _____ Long: _____ Local Grid Location (if applicable): Feet N S

County: **Waukesha** DNR County Code: **68** Civil Town/City/or Village: **ELM GROVE**

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RCD/Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			2.0	FILL: GRAVEL	FILL GP										
1	8		4.0	FILL: BLACK TO BROWN SILTY CLAY, SAND, AND GRAVEL.	FILL CL, SP, GP			<1		DAMP					
2	0		6.0					NR							
3	10		8.0	BROWN TO GRAY ORGANIC CLAY, TRACE FINE TO COARSE SAND AND GRAVEL, TRACE ROOTS.	OH/OL			1							
4	24		10.0	GRAY SILT, TRACE FINE TO COARSE SAND AND GRAVEL.	ML			1							
5	6		12.0	BROWN TO GRAY ORGANIC CLAY, TRACE FINE TO COARSE SAND AND GRAVEL, TRACE ROOTS.	OH/OL			20							
6	18		14.0	PETROLEUM ODOR IN SAMPLE NOS. 5 AND 6.				200		MOIST					LAB SAMPLE
7	20		16.0	BROWN MEDIUM SAND. PETROLEUM ODOR IN SAMPLE NO. 7.	SP			80		WET					
8	20		18.0	GRAY SILTY CLAY, TRACE FINE TO MEDIUM SAND AND GRAVEL. OCCASIONAL 1/4 INCH FINE SAND SEAMS.	CL			180							
9	18		20.0	END OF BORING AT 19 FEET				10							LAB SAMPLE

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

Signature: *Jeffrey G. Pomy* Firm: **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number GP 6					
Boring Drilled By (Firm name and name of crew chief) Briohn Environmental Contractors, Dan Rezner			Date Drilling Started 10 9 95 MM/ DD/ YY		Date Drilling Completed 10 9 95 MM/ DD/ YY		Drilling Method GEOPROBE				
DNR Facility Well No		WI Unique Well No		Common Well Name MW-		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 1 inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			County Waukesha			DNR County Code 68			Civil Town/City/or Village ELM GROVE		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/	Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				FILL: GRAVEL	FILL GP										
			2.0	BLIND DRILL TO 4 FEET. PROBABLE FILL CONSISTING OF SILTY CLAY, SAND AND GRAVEL.											
1	10		6.0	BLACK ORGANIC CLAY, TRACE FINE TO COARSE SAND AND GRAVEL, TRACE ROOTS.	OH/OL			2		DAMP					
2	24		8.0					25							LAB SAMPLE
3	20		10.0					<1							
4	16		12.0	BROWN FINE TO COARSE SAND AND GRAVEL.	SW			<1		MOIST					LAB SAMPLE
5	24		14.0	GRAY FINE SANDY CLAY.	CL			<1		WET					
			16.0	END OF BORING AT 15 FEET											
			18.0												
			20.0												

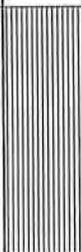
I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: *Jeffrey A. P...* Firm: **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

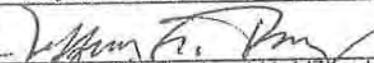
This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

- Route to:
- Solid Waste
 - Emergency Response
 - Wastewater
 - Superfund
 - HazWaste
 - Underground Tanks
 - Water Resources
 - Other

Facility/Project Name Reinders, Inc.		License/Permit/Monitoring Number		Boring Number GP 6A	
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC., ADAM SAUTER		Date Drilling Started 10 25 95 MM/ DD/ YY		Date Drilling Completed 10 25 95 MM/ DD/ YY	
DNR Facility Well No. WI Unique Well No.		Common Well Name MW-		Final Static Water Level Feet MSL	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E		Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S		Borehole Diameter 1 inches	
County Waukesha		DNR County Code 68		Civil Town/City/or Village ELM GROVE	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	20		2.0	FILL: GRAVEL BLIND DRILL TO 9 FEET. SEE LOG FOR GP-6 FOR STRATIGRAPHY.	FILL GP										
			4.0												
			6.0												
			8.0												
			10.0	END OF BORING AT 9 FEET.											
			12.0												
			14.0												
			16.0												
			18.0												
			20.0												

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

Signature  Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name Reinders, Inc.		License/Permit/Monitoring Number		Boring Number GP 7	
Boring Drilled By (Firm name and name of crew chief) Bröhn Environmental Contractors, Dan Rezner		Date Drilling Started 10 9 95 MM/ DD/ YY		Date Drilling Completed 10 9 95 MM/ DD/ YY	
DNR Facility Well No. / Unique Well No.		Common Well Name MW-		Drilling Method GEOPROBE	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
County Waukesha		DNR County Code 68		Civil Town/City/or Village ELM GROVE	
				Borehole Diameter 1 inches	
		Lat		Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S	
		Long		Feet <input type="checkbox"/> N <input type="checkbox"/> S	

Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	20		2.0	ASPHALT FILL: BROWN SILTY CLAY, SAND, AND GRAVEL.	FILL CL, SW GW			<1							
2	20		4.0	FILL: BROWN SILTY CLAY, SOME FINE TO COARSE SAND AND GRAVEL.	FILL CL, SW GW			<1							
3	18		6.0	BLACK ORGANIC CLAY, TRACE FINE TO MEDIUM SAND AND GRAVEL.	OH/OL			<1							
4	20		8.0	GRAY SILT, TRACE FINE TO MEDIUM SAND AND GRAVEL.	ML			<1							LAB SAMPLE
5	10		10.0	BROWN FINE TO COARSE SAND AND GRAVEL, SOME SILTY CLAY.	SW/GW			<1							
6	18		12.0	BROWN TO GRAY MEDIUM SAND,	SP			<1							LAB SAMPLE
7	24		14.0	GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.	CL			<1							
8			16.0	END OF BORING AT 15 FEET											
9			18.0												
			20.0												

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

Signature *Dan Rezner* Firm **ADVENT Environmental Services, Inc.**
6100 W. Excutive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number GP 8					
Boring Drilled By (Firm name and name of crew chief) Briohn Environmental Contractors, Dan Rezner			Date Drilling Started 10 9 95 MM/ DD/ YY		Date Drilling Completed 10 9 95 MM/ DD/ YY		Drilling Method GEOPROBE				
DNR Facility Well No.		WI Unique Well No.		Common Well Name MW-		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 1 Inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			Lat			Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S			Feet <input type="checkbox"/> N <input type="checkbox"/> S		
County Waukesha				DNR County Code 68		Civil Town/City/or Village ELM GROVE					

Sample Number and Type	Length Att. & Recovered (ft)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments				
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200					
1	20		2.0	ASPHALT FILL: BROWN TO GRAY SILTY CLAY, TRACE FINE TO MEDIUM SAND AND GRAVEL, TRACE ROOTS.	FILL CL			1										
2	20		4.0	BROWN FINE TO COARSE SAND AND GRAVEL.	SW/GW			1										
3	16		6.0															
4	20		8.0	BROWN MEDIUM SAND.	SP			<1										LAB SAMPLE
			10.0															
5			12.0	GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.	CL			1										LAB SAMPLE
			14.0															
6			16.0	END OF BORING AT 12 FEET.														
			18.0															
			20.0															

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

Signature _____ Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name Reinders, Inc.		License/Permit/Monitoring Number		Boring Number GP 8A	
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC., ADAM SAUTER		Date Drilling Started 10 25 95 MM DD YY		Date Drilling Completed 10 25 95 MM DD YY	
DNR Facility Well No. / WI Unique Well No.		Common Well Name MW-		Drilling Method GEOPROBE	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T. 7N R. 20E		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
County Waukesha		DNR County Code 68		Civil Town/City/Village ELM GROVE	
Borehole Diameter 1 inches		Local Grid Location (if applicable)		Feet N Feet S	

Number and Type	Length Att. & Recovered (m)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	16		2.0	ASPHALT BLIND DRILL TO 9 FEET. SEE LOG FOR GP-8 FOR STRATIGRAPHY.	FILL CL										
			6.0		SW/GW										
			8.0		SP			<1							LAB SAMPLE
			10.0	END OF BORING AT 9 FEET.											

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

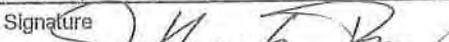
Signature _____ Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number GP 9					
Boring Drilled By (Firm name and name of crew chief) Briohn Environmental Contractors, Dan Rezner			Date Drilling Started 10 9 95 MM/ DD/ YY		Date Drilling Completed 10 9 95 MM/ DD/ YY		Drilling Method GEOPROBE				
DNR Facility Well No.		WI Unique Well No.		Common Well Name MW-		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 1 inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			Lat			Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S			Feet <input type="checkbox"/> N <input type="checkbox"/> S		
County Waukesha				DNR County Code 68		Civil Town/City/or Village ELM GROVE					

Sample Number and Type	Length Att. & Recovered (ft)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	8		2.0	ASPHALT BROWN SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL, TRACE ROOTS.	CL			<1		DAMP					
2	24		4.0	BROWN FINE TO COARSE SAND AND GRAVEL.	SW/GW			<1		WET					LAB SAMPLE
3	24		6.0	BROWN MEDIUM SAND.	SP			<1							LAB SAMPLE
4	24		8.0	GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.	CL			<1							
5			10.0	END OF BORING AT 12 FEET.											
6			12.0												

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

Signature:  Firm: **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147 and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

- Route to:
- Solid Waste
 - Emergency Response
 - Wastewater
 - Superfund
 - HazWaste
 - Underground Tanks
 - Water Resources
 - Other

Facility/Project Name Reinders, Inc.		License/Permit/Monitoring Number		Boring Number GP-10	
Boring Drilled By (Firm name and name of crew chief) Briohn Environmental Contractors, Dan Rezner		Date Drilling Started 10 9 95 MM/ DD/ YY		Date Drilling Completed 10 9 95 MM/ DD/ YY	
DNR Facility Well No. WI Unique Well No.		Common Well Name MW-		Final Static Water Level Feet MSL	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E		Lat		Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S	
County Waukesha		DNR County Code 68		Civil Town/City/or Village ELM GROVE	

Number and Type	Sample Length Att. & Recovered (ft)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	12		2.0	GRASS AND TOPSOIL FILL: BROWN SILTY CLAY, SOME FINE TO COARSE SAND AND GRAVEL.	OH/OL FILL CL			3		DAMP					
2	16		4.0 6.0	BLACK ORGANIC SILTY CLAY, TRACE FINE SAND, TRACE ROOTS. SLIGHT PETROLEUM ODOR.	OH/OL			120							LAB SAMPLE
3	18		8.0	BROWN FINE TO COARSE SAND AND GRAVEL. SLIGHT PETROLEUM ODOR.	SW/GW			90		MOIST					
4	20		10.0 12.0	GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.	CL			10		WET					LAB SAMPLE
5			14.0	END OF BORING AT 12 FEET.											
6			16.0 18.0 20.0												

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

Signature Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number GP-11					
Boring Drilled By (Firm name and name of crew chief) Briohn Environmental Contractors, Dan Rezner			Date Drilling Started 10 9 95 MM/ DD/ YY		Date Drilling Completed 10 9 95 MM/ DD/ YY		Drilling Method GEOPROBE				
DNR Facility Well No		WI Unique Well No		Common Well Name MW-		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 1 inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			Lat			Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S			Long Feet <input type="checkbox"/> N <input type="checkbox"/> S		
County Waukesha				DNR County Code 68		Civil Town/City/or Village ELM GROVE					

Sample Number and Type	Length Att. & Recovered (ft)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	24		2.0	GRASS/TOPSOIL FILL: SILTY CLAY, SAND, AND GRAVEL.	OH/OL FILL CL, SW GW			<1		DAMP					
			4.0	BLACK ORGANIC SILTY CLAY. (BURIED TOPSOIL)	OH/OL			<1							
3	20		6.0	BROWN FINE TO COARSE SAND AND GRAVEL.	SW/GW			<1		MOIST					
			8.0					<1							
4	24		10.0					<1		WET				LAB SAMPLE	
			12.0	GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.	CL			<1							
5	24		14.0	GRAY SILTY FINE SAND.	SP			<1							
			16.0	END OF BORING AT 15 FEET.											
6			18.0												
			20.0												

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

Signature: *[Signature]* Firm: **ADVENT Environmental Services, Inc.**
 6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or Imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name Reinders, Inc.		License/Permit/Monitoring Number		Boring Number GP-12	
Boring Drilled By (Firm name and name of crew chief) Brlohn Environmental Contractors, Dan Rezner		Date Drilling Started 10 9 95 MM DD YY		Date Drilling Completed 10 9 95 MM DD YY	
DNR Facility Well No. _____ WI Unique Well No. _____		Common Well Name MW-		Drilling Method GEOPROBE	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
County Waukesha		DNR County Code 68		Civil Town/City/or Village ELM GROVE	
Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S		Borehole Diameter 1 inches		Feet <input type="checkbox"/> N <input type="checkbox"/> S	

Number and Type	Length Alt. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	24		2.0	ASPHALT FILL: BROWN SILTY CLAY, SAND, AND GRAVEL.	FILL CL, SW GW			<1		DAMP					
2	8		4.0	BLACK ORGANIC ISLTY CLAY, TRACE FINE TO MEDIUM SAND.	OH/OL			<1							
3	20		8.0	GRAY CLAYEY FINE TO MEDIUM SAND AND GRAVEL.	SW/GW			<1							LAB SAMPLE
4	24		10.0	GRAY MEDIUM SAND.	SP			<1		MOIST					
5	24		12.0	GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.	CL			<1		WET					LAB SAMPLE
6			14.0	END OF BORING AT 15 FEET.											

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

Signature Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

- Route to:
- Solid Waste
 - Emergency Response
 - Wastewater
 - Superfund
 - HazWaste
 - Underground Tanks
 - Water Resources
 - Other

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number GP-13					
Boring Drilled By (Firm name and name of crew chief) Briohn Environmental Contractors, Dan Rezner			Date Drilling Started 10 9 95 MM/ DD/ YY		Date Drilling Completed 10 9 95 MM/ DD/ YY		Drilling Method GEOPROBE				
DNR Facility Well No.		WF Unique Well No.		Common Well Name MW-		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 1 inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E						Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S		Feet <input type="checkbox"/> N <input type="checkbox"/> S			
County Waukesha				DNR County Code 68		Civil Town/City/or Village ELM GROVE					

Sample		Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	6		2.0	FILL: GRAVEL FILL: BROWN SILTY CLAY, SAND, AND GRAVEL.	FILL: GR FILL: CL, SW GW			<1		DAMP				
2	16		4.0	BROWN FINE TO COARSE SAND AND GRAVEL.	SW/GW			<1		MOIST TO WET				
3	24		8.0	GRAY SILT, TRACE FINE TO COARSE SAND AND GRAVEL.	ML			<1		WET				LAB SAMPLE
4			10.0	END OF BORING AT 9 FEET.										
5			12.0											
6			14.0											
			16.0											
			18.0											
			20.0											

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

Signature: *[Handwritten Signature]* Firm: **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

- Route to:
- Solid Waste
 - Emergency Response
 - Wastewater
 - Superfund
 - HazWaste
 - Underground Tanks
 - Water Resources
 - Other

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number GP 14					
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC., ADAM SAUTER			Date Drilling Started 10 25 95 MM/ DD/ YY		Date Drilling Completed 10 25 95 MM/ DD/ YY		Drilling Method GEOPROBE				
DNR Facility Well No.		WI Unique Well No.		Common Well Name MW-		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 1 Inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T. 7N R. 20E			Lat Long		Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S Feet <input type="checkbox"/> N <input type="checkbox"/> S						
County Waukesha				DNR County Code 68		Civil Town/City/or Village ELM GROVE					

Sample Number and Type	Length Att. & Recovered (ft)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					P 200	RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index			
				FILL: MEDIUM GRAVEL	FILL GP										
1	16		2.0	FILL: BROWN TO BLACK SILTY CLAY, SAND AND GRAVEL.	FILL CL, SW GW			<1		DAMP					
2	24		4.0					<1							
3	16		6.0	BLACK ORGANIC CLAY, TRACE FINE SAND, TRACE ROOTS.	OH/OL			<1							
			8.0	BROWN FINE SAND.	SP			<1							
				BROWN SILTY FINE TO COARSE SAND, TRACE GRAVEL.	SW										
4	24		10.0	BROWN TO GRAY SILTY CLAY, TRACE ROOTS.	CL			<1		MOIST					
			12.0	BROWN TO GRAY, FINE TO COARSE SAND AND GRAVEL.	SW/GW										
5	20		14.0	GRAY SILT.	ML			<1		WET					LAB SAMPLE
				GRAY FINE SAND.	SP										
			16.0	GRAY FINE TO COARSE SAND AND GRAVEL.	SW/GW										
6	24		18.0	GRAY SILTY CLAY, OCCASIONAL 1/4 TO 1/2 INCH SILT SEAMS.	CL			<1							LAB SAMPLE
7	24		20.0					<1							
			22.0												
8	24		24.0	GRAY FINE TO MEDIUM SAND.	SP			<1							
END OF BORING AT 24 FEET															

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

Signature: *Jeffrey G. Perry* Firm: **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name: **Reinders, Inc.** License/Permit/Monitoring Number: _____ Boring Number: **GP-15**

Boring Driller By (Firm name and name of crew chief): **Brlahn Environmental Contractors, Dan Rezner** Date Drilling Started: **3 18 97** Date Drilling Completed: **3 18 97** Drilling Method: **GEOPROBE**

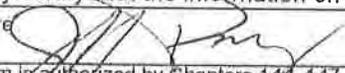
DNR Facility Well No. _____ WI Unique Well No. _____ Common Well Name: **MW-** Final Static Water Level: _____ Surface Elevation: _____ Borehole Diameter: **1** inches

Boring Location: _____ State Plane: **NE 1/4 of NW 1/4 of Section # 25 T, 7N R, 20E** Lat: _____ Long: _____ Local Grid Location (if applicable): _____

County: **Waukesha** DNR County Code: **68** Civil Town/City/or Village: **ELM GROVE**

Number and Type	Length ft. Recovered (ft)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					R D/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				ASPHALT											
1	12		2.0	FILL: SILTY CLAY, SAND, AND GRAVEL.	FILL CL, SW GW			<1		DAMP					
2	12		4.0					2							
3	20		6.0	BLACK ORGANIC SILTY CLAY, (BURIED TOPSOIL)	OH/OL			63							
4	24		8.0	[PETROLEUM ODORS IN SAMPLE NOS. 3 AND 4]				64		MOIST					LAB SAMPLE
5	24		10.0	BROWN FINE TO COARSE SAND AND GRAVEL.	SW/GW			68							LAB SAMPLE
6	24		12.0	[PETROLEUM ODORS IN SAMPLE NOS. 5 AND 6]				4							
7	24		14.0					3							
8	24		16.0	GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.				1							
			18.0	END OF BORING AT 17 FEET.											
			20.0												

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

Signature:  Firm: **ADVENT Environmental Services, Inc.**
10845 N. Buntrock Ave., Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name Reinders, Inc.		License/Permit/Monitoring Number		Boring Number GP-16
Boring Drilled By (Firm name and name of crew chief) Briohn Environmental Contractors, Dan Rezner		Date Drilling Started 3 18 97 MM/DD/YY	Date Drilling Completed 3 18 97 MM/DD/YY	Drilling Method GEOPROBE
DNR Facility Well No.	WI Unique Well No.	Common Well Name MW-	Final Static Water Level Feet MSL	Surface Elevation Feet MSL
Boring Location State Plane NE 1/4 of NW 1/4 of Section # 25 T, 7N R, 20E		Lat	Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S	
County Waukesha	DNR County Code 68	Civil Town/City/or Village ELM GROVE		

Sample Number and Type	Length ft. Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					R/D/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	24		2.0	ASPHALT FILL: SILTY CLAY, SAND, AND GRAVEL.	FILL CL, SW GW			<1		DAMP				
2	24		4.0					<1						
3	21		6.0	BLACK ORGANIC SILTY CLAY. (BURIED TOPSOIL)	OH/OL			57		MOIST				
4	24		8.0	[PETROLEUM ODORS IN SAMPLE NOS. 3, 4, AND 5]				90						
5	24		10.0	GRAY SILT	ML			127						LAB SAMPLE
6	24		12.0	BLACK ORGANIC SILTY CLAY.	OH/OL			159						LAB SAMPLE
7	24		14.0	BROWN FINE TO COARSE SAND AND GRAVEL.	SW/ GW SP			28						
8	24		16.0	BROWN FINE MEDIUM SAND				1		WET				
			18.0	END OF BORING AT 17 FEET.										
			20.0											

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

Signature: Firm: **ADVENT Environmental Services, Inc.**
10845 N. Buntrock Ave., Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name: **Reinders, Inc.** License/Permit/Monitoring Number: _____ Boring Number: **B-1**

Boring Drilled By (Firm name and name of crew chief): **SAUTER DRILLING, INC.** Date Drilling Started: **10 MM/ 12 DD/ 95 YY** Date Drilling Completed: **10 MM/ 12 DD/ 95 YY** Drilling Method: **HSA**

DNR Facility Well No.: _____ WI Unique Well No.: _____ Common Well Name: **MW- R1** Final Static Water Level: _____ Feet MSL Surface Elevation: _____ Feet MSL Borehole Diameter: **8.25** inches

Boring Location: State Plane: **NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E** Lat: _____ Long: _____ Local Grid Location (if applicable): Feet N S Feet N S

County: **Waukesha** DNR County Code: **68** Civil Town/City/or Village: **ELM GROVE**

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	20	34 12 12 10	2.0	FILL: BROWN TO BLACK SILTY CLAY, SAND, AND GRAVEL.	FILL CL/SW GW			<1							
			4.0												
2	12	10 6 2 2	6.0	LIGHT GRAY SILT.	ML			<1							
			8.0	BLACK TO GRAY ORGANIC CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.	OH/OL										
3	20	2 3 7 10	10.0	BROWN FINE TO COARSE SAND AND GRAVEL.	SW/GW			<1							
			12.0	GRAY MEDIUM SAND.	SP										
4	20	12 22 39 45	14.0	GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL. OCCASIONAL 1/8 INCH FINE SAND SEAMS.	CL			<1							
			16.0	END OF BORING AT 15 FEET.											
5	24	8 10 12 15	18.0					<1							
			20.0												

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

Signature: *[Signature]* Firm: **ADVENT Environmental Services, Inc.**
 6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name Reinders, Inc.		License/Permit/Monitoring Number		Boring Number B 1A	
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC., ADAM SAUTER		Date Drilling Started 10 25 95 MM DD YY		Date Drilling Completed 10 25 95 MM DD YY	
DNR Facility Well No. WI Unique Well No.		Common Well Name MW- R1A		Final Static Water Level Feet MSL	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E		Surface Elevation Feet MSL		Borehole Diameter 8.25 inches	
County Waukesha		DNR County Code 68		Civil Town/City/or Village ELM GROVE	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
			2.5	BLIND DRILL TO 15 FEET. SEE BORING LOG FOR B1 FOR STRATIGRAPHY.	FILL CL/SW GW									
			5.0		ML									
			7.5		OH/OL									
			10.0		SW/GW									
			12.5		SP									
			15.0		CL									
1	20		17.5	GRAY SILT.	ML			<1						WET
2	16		20.0	BROWN SILTY CLAY, FRACTURED.	CL			<1						DAMP
3	20		22.5	GRAY SILT.	ML			<1						WET
			25.0	END OF BORING AT 25 FEET.										
			27.5											
			30.0											

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

Signature *Johnny E. Perry* Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

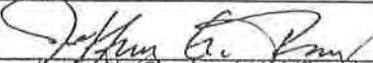
This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name Reinders, Inc.		License/Permit/Monitoring Number		Boring Number B-2	
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC.		Date Drilling Started 10 12 95 MM/ DD/ YY		Date Drilling Completed 10 12 95 MM/ DD/ YY	
DNR Facility Well No. WI Unique Well No.		Common Well Name MW- R2		Drilling Method HSA	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
County Waukesha		DNR County Code 68		Civil Town/City/or Village ELM GROVE	
Borehole Diameter 8.25 inches		Local Grid Location (if applicable)		Feet N S	

Number and Type	Sample Length Alt. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
			2.0	FILL: BROWN TO BLACK SILTY CLAY, SAND, AND GRAVEL. NOTE: BLIND DRILL TO 4 FEET. SOIL DESCRIPTION BASED ON DRILL CUTTINGS.	FILL CL, SW GW										
1	0	5 7 9 10	4.0					NR							
2	18	3 4 5 8	8.0	LIGHT GRAY FINE TO MEDIUM SANDY SILT.	ML			<1							
3	24	3 3 4 6	10.0	BROWN FINE TO COARSE SAND AND GRAVEL.	SW/GW			<1							
			12.0												
4	20	11 17 22 25	14.0	BROWN TO GRAY MEDIUM SAND.	SP			<1							
			16.0	END OF BORING AT 15 FEET.											
			18.0												
			20.0												

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

Signature 	Firm ADVENT Environmental Services, Inc. 8100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998
--	--

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$8,000 for each violation. Fined not less than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

- Route to:
- Solid Waste
 - Emergency Response
 - Wastewater
 - Superfund
 - HazWaste
 - Underground Tanks
 - Water Resources
 - Other

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number B-3					
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC.			Date Drilling Started 10 12 95 MM/ DD/ YY		Date Drilling Completed 10 12 95 MM/ DD/ YY		Drilling Method HSA				
DNR Facility Well No.		WI Unique Well No.		Common Well Name MW- R3		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 8.25 inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			Lat Long			Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> N <input type="checkbox"/> S					
County Waukesha				DNR County Code 68		Civil Town/City/or Village ELM GROVE					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments			
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200				
			2.0	ASPHALT FILL: BROWN TO BLACK SILTY CLAY, SAND, AND GRAVEL. NOTE: BLIND DRILL TO 4 FEET. SOIL DESCRIPTION BASED ON DRILL CUTTINGS.	FILL CL, SW GW			NR									
1	0	2 2 2 2	4.0														
2	6	3 4 7 15	8.0	BLACK ORGANIC SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.	OH/OL			<1									
			10.0	BROWN FINE TO COARSE SAND AND GRAVEL.	SW/GW												
3	18	7 4 27 45	12.0					<1									
			14.0	BROWN TO GRAY MEDIUM SAND.	SP			<1									
4	20	7 8 10 10	16.0	END OF BORING AT 15 FEET.													
			18.0														
			20.0														

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

Signature:  Firm: **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

- Route to:
- Solid Waste
 - Emergency Response
 - Wastewater
 - Superfund
 - HazWaste
 - Underground Tanks
 - Water Resources
 - Other

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number B-4 11			
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC.			Date Drilling Started 10 12 95 MM/ DD/ YY		Date Drilling Completed 10 12 95 MM/ DD/ YY		Drilling Method HSA		
DNR Facility Well No. WI-Unique Well No.			Common Well Name MW- R4			Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			Lat		Local Grid Location (if applicable)		Borehole Diameter 8.25 inches		
County Waukesha			DNR County Code 68		Civil Town/City/or Village ELM GROVE				

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	4	5 9 4 4	2.0	ASPHALT FILL: BROWN TO BLACK SILTY CLAY, SAND, AND GRAVEL. NOTE: BLIND DRILL TO 4 FEET. SOIL DESCRIPTION BASED ON DRILL CUTTINGS.	FILL CL, SW GW			220							
			4.0												
2	12	2 8 11 15	8.0	BLACK ORGANIC SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL, PETROLEUM ODOR.	OH/OL			294							
			10.0	BROWN TO GRAY, FINE TO COARSE SAND AND GRAVEL, PETROLEUM ODOR.	SW/GW										
3	24	7 9 13 17	12.0	GRAY SILTY CLAY, TRACE FINE SAND, OCCASIONAL 1/8 INCH FINE SAND SEAMS, PETROLEUM ODOR.	CL			171							
			14.0	END OF BORING AT 15 FEET.											
4	20	10 15 7 8	16.0												
			18.0												
			20.0												

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

Signature Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number B-5					
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC.			Date Drilling Started 10 12 95 MM/ DD/ YY		Date Drilling Completed 10 12 95 MM/ DD/ YY		Drilling Method HSA				
DNR Facility Well No.		Unique Well No.		Common Well Name MW- R5		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 8.25 inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			Lat			Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S			Feet <input type="checkbox"/> N <input type="checkbox"/> S		
County Waukesha			DNR County Code 68			Civil Town/City/or Village ELM GROVE					

Sample		Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
Number and Type	Length Alt. & Recovered (in)								Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				GRASS/TOPSOIL											
			2.0	NOTE: BLIND DRILL TO 14 FEET INABILITY TO RAISE DRILLING TOWER DUE TO OVERHEAD OBSTRUCTIONS.											
			4.0												
			6.0												
			8.0												
			10.0												
			12.0												
			14.0												
			16.0		END OF BORING AT 14 FEET.										
			18.0												
			20.0												

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

Signature <i>[Signature]</i>	Firm ADVENT Environmental Services, Inc. 6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998
---------------------------------	---

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name Reinders, Inc.		License/Permit/Monitoring Number		Boring Number B-6
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC.		Date Drilling Started 10 12 95 MM DD YY	Date Drilling Completed 10 12 95 MM DD YY	Drilling Method HSA
DNR Facility Well No.	WI Unique Well No.	Common Well Name MW- R6		Final Static Water Level Feet MSL
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E		Surface Elevation Feet MSL		Borehole Diameter 8.25 inches
County Waukesha		DNR County Code 68	Civil Town/City/or Village ELM GROVE	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	20	5 5 5 5	2.0	FILL: GRAVEL FILL: BROWN SILTY CLAY, SAND, AND GRAVEL.	FILL CL, SW GW			<1		DAMP				
			4.0	BROWN TO GRAY FINE TO MEDIUM SAND.										
3	20	5 6 14 7	8.0	GRAY SILT, TRACE FINE SAND. OCCASIONAL 1/8 INCH FINE SAND SEAMS.	ML			<1		WET				
			10.0											
4	24	3 4 5 7	12.0					<1						
			14.0	END OF BORING AT 14 FEET.										
			16.0											
			18.0											
			20.0											

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

Signature 	Firm ADVENT Environmental Services, Inc. 6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998
---------------	--

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Facility/Project Name Reinders, Inc.		License/Permit/Monitoring Number		Boring Number B 7	
Boring Drilled By (Firm name and name of crew chief) SAUTER DRILLING, INC., ADAM SAUTER		Date Drilling Started 10 25 95 MM/ DD/ YY		Date Drilling Completed 10 25 95 MM/ DD/ YY	
DNR Facility Well No. WI Unique Well No.		Common Well Name MW- R7		Final Static Water Level Feet MSL	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E		Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S		Borehole Diameter 8.25 inches	
County Waukesha		DNR County Code 68		Civil Town/City/or Village ELM GROVE	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
				FILL: MEDIUM GRAVEL	FILL GP										
			2.0	BORING DRILLED OVER GP14. SEE LOG FOR GP14 FOR STRATIGRAPHY.	FILL CL, SW GW										
			4.0												
			6.0		OH/OL										
			8.0		SP										
					SW										
			10.0		CL										
			12.0		SW/GW										
			14.0		ML										
					SP										
			16.0		SW/GW										
					CL										
			18.0												
			20.0												
			22.0		SP										
			25.0	END OF BORING AT 25 FEET.											

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

Signature *Adam Sauter* Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:

- Solid Waste
- Emergency Response
- Wastewater
- Superfund
- HazWaste
- Underground Tanks
- Water Resources
- Other

Facility/Project Name Reinders, Inc.				License/Permit/Monitoring Number				Boring Number C-2A	
Boring Drilled By (Firm name and name of crew chief) DENNIS SCHNEIDER, SAUTER DRILLING, INC.				Date Drilling Started 12 1 95 MM/ DD/ YY		Date Drilling Completed 12 1 95 MM/ DD/ YY		Drilling Method HSA	
DNR Facility Well No.		Unique Well No.		Common Well Name		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
								Borehole Diameter 4.25 inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E				Lat		Local Grid Location (if applicable)		<input type="checkbox"/> N <input type="checkbox"/> S	
County Waukesha				DNR County Code 68		Civil Town/City/or Village ELM GROVE			

Sample Number and Type	Length Alt. & Recovered (ft)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	6	54 52/5"	2.0	ASPHALT FILL: BROWN, FINE TO COARSE SAND AND GRAVEL, AND SILTY CLAY.	FILL: SP, GP, CL			1		DAMP					
2	18	16 13 14 17	4.0	BLACK ORGANIC SILTY CLAY, TRACE FINE SAND, TRACE ROOTS, PETROLEUM ODOR.	OH/OL			12							
3	20	5 6 8 9	6.0	GRAY FINE SANDY CLAY, PETROLEUM ODOR.	CL			135		MOIST					
4	24	12 14 11 17	8.0	GRAY MEDIUM TO COARSE SAND, PETROLEUM ODOR.	SP			160							LAB SAMPLE
5	24	7 15 19 19	10.0	4 INCH SANDY CLAY LENS.				140		WET					
6	20	8 15 16 22	12.0	BROWN SILTY CLAY, TRACE FINE SAND AND GRAVEL.	CL			90							
7	24	7 12 12 18	14.0	BROWN FINE SAND.	SP			15							LAB SAMPLE
			16.0	END OF BORING AT 15 FEET											
			18.0												
			20.0												

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

Signature _____ Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Facility/Project Name Reinders, Inc.			License/Permit/Monitoring Number			Boring Number C-4A					
Boring Drilled By (Firm name and name of crew chief) DENNIS SCHNEIDER, SAUTER DRILLING, INC.			Date Drilling Started 12 1 95 MM/ DD/ YY		Date Drilling Completed 12 1 95 MM/ DD/ YY		Drilling Method HSA				
DNR Facility Well No.		WI Unique Well No.		Common Well Name MW-R8		Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 4.25 inches	
Boring Location State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E			Lat Long			Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S Feet <input type="checkbox"/> N <input type="checkbox"/> S					
County Waukesha				DNR County Code 68		Civil Town/City/or Village ELM GROVE					

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	24	32 28 26 32	2.0	ASPHALT FILL: BROWN, FINE TO COARSE SAND AND GRAVEL, AND SILTY CLAY.	FILL: SP, GP, CL			4		DAMP					
2	20	8 12 26 17	4.0	BLACK ORGANIC SILTY CLAY, TRACE FINE SAND, TRACE ROOTS, TRACE ROCK FRAGMENTS.	OH/OL			3							
3	24	16 22 12 10	8.0	GRAY FINE TO COARSE SAND.	SP			5		MOIST					
4	20	5 8 8 9	10.0					3		WET					LAB SAMPLE
5	24	4 8 12 19	14.0	GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.	CL			1							LAB SAMPLE
			16.0	END OF BORING AT 15 FEET											
			18.0												
			20.0												

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

Signature _____ Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (414) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeited not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Route to:
 Solid Waste
 Emergency Response
 Wastewater
 Superfund
 HazWaste
 Underground Tanks
 Water Resources
 Other

Facility/Project Name Reinders, Inc.		License/Permit/Monitoring Number		Boring Number C-6A
Boring Drilled By (Firm name and name of crew chief) DENNIS SCHNEIDER, SAUTER DRILLING, INC.		Date Drilling Started 12 1 95 MM/ DD/ YY	Date Drilling Completed 12 1 95 MM/ DD/ YY	Drilling Method HSA
DNR Facility Well No.	WI Unique Well No.	Common Well Name		Final Static Water Level Feet MSL
Boring Location		Surface Elevation Feet MSL		Borehole Diameter 4.25 inches
State Plane NE 1/4 of NW 1/4 of Section 25 T, 7N R, 20E		Lat		Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S
County Waukesha		DNR County Code 68	Civil Town/City/or Village ELM GROVE	

Number and Type	Length Alt. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	20	4 16 18 20	2.0	ASPHALT FILL: BROWN, FINE TO COARSE SAND AND GRAVEL, AND SILTY CLAY.	FILL: SP, GP, CL			20		DAMP				
2	24	12 18 18 22	4.0	BLACK ORGANIC SILTY CLAY, TRACE FINE SAND, TRACE ROOTS, TRACE ROCK FRAGMENTS.	OH/OL			6						
3	NR	50/2"	6.0					NR						
4	24	8 16 20 18	8.0	GRAY FINE TO COARSE SAND.	SP			4						
5	20	9 12 11 12	10.0	PETROLEUM ODOR OBSERVED IN SAMPLE NOS. 5 AND 6.				90		MOIST				LAB SAMPLE
6	20	8 10 8 6	12.0					110		WET				LAB SAMPLE
7	24	6 7 8 16	14.0	GRAY SILTY CLAY, TRACE FINE TO COARSE SAND AND GRAVEL.	CL			15						
			16.0	END OF BORING AT 15 FEET										
			18.0											
			20.0											

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

Signature _____ Firm **ADVENT Environmental Services, Inc.**
6100 W. Executive Drive, Suite E, Mequon, WI 53092 (111) 238-1998

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

1) GENERAL INFORMATION		2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	
NE 1/4 of NW 1/4 of Sec. <u>25</u> ; T. <u>7</u> N; R. <u>20</u> E W		Present Well Owner <u>REINDERS INC.</u>	
(If applicable) Gov't Lot _____ Grid Number _____		Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>ELM GROVE WI 53122</u>	
Civil Town Name <u>ELM GROVE</u>		Facility Well No. and/or Name (If Applicable) <u>GP-1</u>	WI Unique Well No. _____
Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
City, Village <u>ELM GROVE</u>		Date of Abandonment <u>OCTOBER 9, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		4) Depth to Water (Feet) <u>12.0</u>	
1) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>OCTOBER 9, 1995</u>		<input type="checkbox"/> Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>No casing used - a well was not installed - boring for soil sample collection only</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		5) Required Method of Placing Sealing Material	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		6) Sealing Materials For monitoring wells and monitoring well boreholes only	
Total Well Depth (ft.) <u>15.0</u> Casing Diameter (ins.) <u>N/A</u> Casing Depth (ft.) <u>N/A</u>		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		<input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout	

7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
ASPHALT PATCH	Surface	1/4	-	
CETCO GRANULAR BENTONITE	1/4	15.0	1/3	

8) Comments: _____

Name of Person or Firm Doing Sealing Work <u>DAN REZNER, BROWN ENV. CONTRACTORS</u>	
Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>10/19/95</u>
Street/Route <u>10845 N. BOUTROCK AVE</u>	Telephone Number <u>(414) 238-9988</u>
City, State, Zip Code <u>MEQUON, WI 53092</u>	

10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N. R. 20
 County: WAUKESHA
 Gov't Lot: _____ Grid Number: _____
 Grid Location: _____ ft. N. S., _____ ft. E. W.
 Civil Town Name: ELM GROVE
 Street Address of Well: 13400 WEST WATERTOWN PLANK ROAD
 City, Village: ELM GROVE

(2) FACILITY NAME
 Original Well Owner (If Known): REINDERS, INC.
 Present Well Owner: REINDERS, INC.
 Street or Route: 13400 WEST WATERTOWN PLANK ROAD
 City, State, Zip Code: ELM GROVE, WI 53122
 Facility Well No. and/or Name (If Applicable): GP-1A WI Unique Well No.: _____
 Reason For Abandonment: COMPLETED SOIL SAMPLING
 Date of Abandonment: OCTOBER 25, 1995

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date): OCTOBER, 1995

Monitoring Well
 Water Well
 Drillhole
 Borehole

Construction Report Available? Yes No

Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (Specify) GEOPROBE

Formation Type:
 Unconsolidated Formation Bedrock

Total Well Depth (ft.) 13.0 Casing Diameter (ins.) N/A
 (From ground surface)

Casing Depth (ft.) N/A

Was Well Annular Space Grouted? Yes No Unknown
 If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) 10

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
 If No, Explain No casing used - Boring for soil sample collection only - no well installed

Was Casing Cut Off Below Surface? Yes No
 Did Sealing Material Rise to Surface? Yes No
 Did Material Settle After 24 Hours? Yes No
 If Yes, Was Hole Retopped? Yes No

(5) Required Method of Placing Sealing Material
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Dump Bailer Other (Explain) Gravity

(6) Sealing Materials
 Neat Cement Grout
 Sand-Cement (Concrete) Grout
 Concrete
 Clay-Sand Slurry
 Bentonite-Sand Slurry
 Chipped Bentonite

For monitoring wells and monitoring well boreholes only:
 Bentonite Pellets
 Granular Bentonite
 Bentonite - Cement Grout

Sealing Material Used

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
ASPHALT PATCH	Surface	1/4	-	
ETCO GRANULAR BENTONITE	1/4	13	1/3	

Comments:

Name of Person or Firm Doing Sealing Work: ADAM SAUTER, SAUTER DRILLING, INC.
 Signature of Person Doing Work: [Signature]
 Date Signed: 10/19/95
 Street or Route: 170845 N. BUNTRUCK AVE
 Telephone Number: (414) 238-1998
 City, State, Zip Code: MEQUON, WI 53092

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected: _____ District/County: _____
 Reviewer/Inspector: _____
 Follow-up Necessary: _____

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	
(If applicable) NE 1/4 of NW 1/4 of Sec. <u>25</u> ; T. <u>7</u> N; R. <u>20</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W		Present Well Owner <u>REINDERS INC.</u>	
Gov't Lot	Grid Number	Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>ELM GROVE WI 53122</u>	
Civil Town Name <u>ELM GROVE</u>	Facility Well No. and/or Name (If Applicable) <u>GP-2</u>		WI Unique Well No. -----
Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
City, Village <u>ELM GROVE</u>		Date of Abandonment <u>OCTOBER 9, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>13.0</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>OCTOBER 9, 1995</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Monitoring Well		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Water Well		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Drillhole		Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input checked="" type="checkbox"/> Borehole		If No, Explain <u>No casing used - a well was not installed - Boring for soil sample collection</u>	
Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <u>only</u>	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug		Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Total Well Depth (ft.) <u>15.0</u> Casing Diameter (ins.) <u>N/A</u>		(5) Required Method of Placing Sealing Material	
Casing Depth (ft.) <u>N/A</u>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		<input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
If Yes, To What Depth? _____ Feet		(6) Sealing Materials For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout	
		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets	
		<input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite	
		<input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Chipped Bentonite	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Gravel</u>	<u>Surface</u>	<u>1/4</u>	<u>-</u>	
<u>PETCO GRANULAR BENTONITE</u>	<u>1/4</u>	<u>15.0</u>	<u>1/3</u>	

(8) Comments:

Name of Person or Firm Doing Sealing Work <u>DAN REZNER, BROWN ENV. CONTRACTORS</u>	
Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>10/19/95</u>
Street or Route <u>10845 N. BONTROCK AVE</u>	Telephone Number <u>(414) 238-9998</u>
City, State, Zip Code <u>MEQUON, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: NE 1/4 of NW 1/4 of Sec. 25; T. 7 N. R. 20
 County: WAUKESHA
 Gov't Lot: _____ Grid Number: _____
 Grid Location: _____ ft. N. S., _____ ft. E. W.
 Civil Town Name: ELM GROVE
 Street Address of Well: 13400 WEST WATERTOWN PLANK ROAD
 City, Village: ELM GROVE

(2) FACILITY NAME
 Original Well Owner (If Known): REINDERS, INC.
 Present Well Owner: REINDERS, INC.
 Street or Route: 13400 WEST WATERTOWN PLANK ROAD
 City, State, Zip Code: ELM GROVE, WI 53122
 Facility Well No. and/or Name (If Applicable): GP-2A WI Unique Well No.: _____
 Reason For Abandonment: COMPLETED SOIL SAMPLING
 Date of Abandonment: OCTOBER 25, 1995

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date): OCTOBER, 1995
 Monitoring Well
 Water Well
 Drillhole
 Borehole
 Construction Report Available? Yes No
 Construction Type:
 Drilled
 Other (Specify) GEOPROBE Driven (Sandpoint) Dug
 Formation Type:
 Unconsolidated Formation Bedrock
 Total Well Depth (ft.) (From ground surface): 11.0 Casing Diameter (ins.): N/A
 Casing Depth (ft.): N/A
 Was Well Annular Space Grouted? Yes No Unknown
 If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet): _____
 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
 If No, Explain: No casing used - Boring for soil sample collection only - no well installed
 Was Casing Cut Off Below Surface? Yes No
 Did Sealing Material Rise to Surface? Yes No
 Did Material Settle After 24 Hours? Yes No
 If Yes, Was Hole Retopped? Yes No

(5) Required Method of Placing Sealing Material
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Dump Bailer Other (Explain) Gravity
 (6) Sealing Materials
 Neat Cement Grout
 Sand-Cement (Concrete) Grout
 Concrete
 Clay-Sand Slurry
 Bentonite-Sand Slurry
 Chipped Bentonite
 For monitoring wells and monitoring well boreholes only:
 Bentonite Pellets
 Granular Bentonite
 Bentonite - Cement Grout

Sealing Material Used

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>GRAVEL</u>	<u>Surface</u>	<u>1/4</u>	<u>-</u>	
<u>ETCO GRANULAR BENTONITE</u>	<u>1/4</u>	<u>11.0</u>	<u>1/3</u>	

Comments: _____
 Name of Person or Firm Doing Sealing Work: DAM SAUTER, SAUTER DRILLING, INC.
 Signature of Person Doing Work: [Signature]
 Date Signed: 10/19/95
 Street or Route: 16845 N. BLUNT ROCK AVE
 Telephone Number: (414) 238-1998
 City, State, Zip Code: MEQUON, WI 53072

(10) FOR DNR OR COUNTY USE ONLY
 Date Received/Inspected: _____ District/County: _____
 Reviewer/Inspector: _____
 Follow-up Necessary: _____

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N; R. 20</u>	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	
(If applicable) Gov't Lot _____ Grid Number _____		Present Well Owner <u>REINDERS INC.</u>	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Civil Town Name <u>ELM GROVE</u>		City, State, Zip Code <u>ELM GROVE WI 53122</u>	
Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>		Facility Well No. and/or Name (If Applicable) <u>GP-3</u>	
City, Village <u>ELM GROVE</u>		WI Unique Well No. _____	
		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
		Date of Abandonment <u>OCTOBER 9, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>13.0</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>OCTOBER 9, 1995</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>		Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		If No, Explain <u>No casing used - a well was not installed - Boring for soil sample collection only</u>	
Total Well Depth (ft.) <u>17.0</u> Casing Diameter (ins.) <u>N/A</u>		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Casing Depth (ft.) <u>N/A</u>		Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		(5) Required Method of Placing Sealing Material	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
		<input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
		(6) Sealing Materials For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Bentonite Pellets	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Granular Bentonite	
		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Clay-Sand Slurry	
		<input type="checkbox"/> Bentonite-Sand Slurry	
		<input type="checkbox"/> Chipped Bentonite	

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Gravel	Surface	1/4	—	
PETCO GRANULAR BENTONITE	1/4	17.0	1/2	

(8) Comments:

Name of Person or Firm Doing Sealing Work <u>DAN REZNER, BROWN ENV. CONTRACTORS</u>		(10) FOR DNR OR COUNTY USE ONLY	
Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>10/19/95</u>	Date Received/Inspected	District/County
Street or Route <u>10845 N. BOSTROCK AVE</u>	Telephone Number <u>(414) 238-998</u>	Reviewer/Inspector	
City, State, Zip Code <u>MEQUON, WI 53092</u>		Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N; R. 20</u>	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	
(If applicable) Gov't Lot _____ Grid Number _____		Present Well Owner <u>REINDERS INC.</u>	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Civil Town Name <u>ELM GROVE</u>		City, State, Zip Code <u>ELM GROVE WI 53122</u>	
Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>		Facility Well No. and/or Name (If Applicable) <u>GP-4</u>	
City, Village <u>ELM GROVE</u>		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
		Date of Abandonment <u>OCTOBER 9, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>OCTOBER 9, 1995</u>		(4) Depth to Water (Feet) <u>14.0</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>No casing used - a well was not installed - boring for soil sample collect only</u>	
Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>GEO PROBE</u>		(5) Required Method of Placing Sealing Material	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
Total Well Depth (ft.) <u>17.0</u> Casing Diameter (ins.) <u>N/A</u> (From ground surface)		(6) Sealing Materials	
Casing Depth (ft.) <u>N/A</u>		For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		<input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout	

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Gravel	Surface	1/4	—	
CETCO GRANULAR BENTONITE	1/4	17.0	1/2	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
DAN REZNER, BROWN ENV. CONTRACTORS

Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>10/19/95</u>
Street/Route <u>10845 N. BUNTRUCK AVE</u>	Telephone Number <u>(414) 238-1998</u>
City, State, Zip Code <u>MERUON, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N. R. 20</u>	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS, INC.</u>	
(If applicable) Gov't Lot _____ Grid Number _____		Present Well Owner <u>REINDERS, INC.</u>	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Civil Town Name <u>ELM GROVE</u>		City, State, Zip Code <u>ELM GROVE, WI 53122</u>	
Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>		Facility Well No. and/or Name (If Applicable) WI Unique Well No. <u>GP-4A</u> _____	
City, Village <u>ELM GROVE</u>		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
		Date of Abandonment <u>OCTOBER 25, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) OCTOBER, 1995

Monitoring Well
 Water Well
 Drillhole
 Borehole

Construction Report Available? Yes No

Construction Type:
 Drilled
 Other (Specify) GEOPROBE
 Driven (Sandpoint)
 Dug

Formation Type:
 Unconsolidated Formation
 Bedrock

Total Well Depth (ft.) 17.0 Casing Diameter (ins.) N/A
 (from ground surface)

Casing Depth (ft.) N/A

Was Well Annular Space Grouted? Yes No Unknown
 If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) 14.0

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

If No, Explain No casing used - Boring for soil sample collection only - no well installed

Was Casing Cut Off Below Surface? Yes No
 Did Sealing Material Rise to Surface? Yes No
 Did Material Settle After 24 Hours? Yes No
 If Yes, Was Hole Retopped? Yes No

(5) Required Method of Placing Sealing Material
 Conductor Pipe-Gravity
 Conductor Pipe-Pumped
 Dump Bailer
 Other (Explain) Gravity

(6) Sealing Materials
 Neat Cement Grout
 Sand-Cement (Concrete) Grout
 Concrete
 Clay-Sand Slurry
 Bentonite-Sand Slurry
 Chipped Bentonite

For monitoring wells and monitoring well boreholes only

Bentonite Pellets
 Granular Bentonite
 Bentonite - Cement Grout

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Gravel</u>	<u>Surface</u>	<u>1/4</u>	<u>-</u>	
<u>20 GRANULAR BENTONITE</u>	<u>1/4</u>	<u>17</u>	<u>1/2</u>	

Name of Person or Firm Doing Sealing Work
M SAUTER SAUTER DRILLING, INC.

Signature of Person Doing Work [Signature] Date Signed 10/1/95

Address 110815 N. Burnrock Ave Telephone Number (414) 238-1998

City, State, Zip Code LEQUON, WI 53092

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected _____ District/County _____

Reviewer/Inspector _____

Follow-up Necessary _____

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>Waukesha</u>	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	
(If applicable) NE 1/4 of NW 1/4 of Sec. <u>25</u> ; T. <u>7</u> N; R. <u>20</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner <u>REINDERS INC.</u>	
Gov't Lot	Grid Number	Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>ELM GROVE WI 53122</u>	
Civil Town Name <u>ELM GROVE</u>		Facility Well No. and/or Name (If Applicable) <u>GP-5</u>	WI Unique Well No.
Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
City, Village <u>ELM GROVE</u>		Date of Abandonment <u>OCTOBER 9, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>OCTOBER 9, 1995</u>	(4) Depth to Water (Feet) <u>14</u>
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>No casing used - a well was not installed - Boring for soil sample collection only</u>
Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>	(5) Required Method of Placing Sealing Material
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>
Total Well Depth (ft.) <u>19.0</u> Casing Diameter (ins.) <u>N/A</u> (From ground surface)	(6) Sealing Materials For monitoring wells and monitoring well boreholes only
Casing Depth (ft.) <u>N/A</u>	<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	<input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Gravel	Surface	1/4	—	
CETCO GRANULAR BENTONITE	1/4	19.0	2/3	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
DAN REZNER, BROWN ENV. CONTRACTORS

Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>10/19/95</u>
Street/Route <u>10845 N. BUNTRUCK AVE</u>	Telephone Number <u>(414) 238-1998</u>
City, State, Zip Code <u>MEQUON, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N; R. 20</u>	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	
(If applicable) Gov't Lot _____ Grid Number _____		Present Well Owner <u>REINDERS INC.</u>	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Civil Town Name <u>ELM GROVE</u>		City, State, Zip Code <u>ELM GROVE WI 53122</u>	
Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>		Facility Well No. and/or Name (If Applicable) <u>GP-6</u>	WI Unique Well No. _____
City, Village <u>ELM GROVE</u>		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
		Date of Abandonment <u>OCTOBER 9, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Well/Drillhole/Borehole Construction Completed On
(Date) OCTOBER 9, 1995

Monitoring Well
 Water Well
 Drillhole
 Borehole

Construction Report Available?
 Yes No

Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (Specify) GEOPROBE

Formation Type:
 Unconsolidated Formation Bedrock

Total Well Depth (ft.) 15.0 Casing Diameter (ins.) N/A
(From ground surface)

Casing Depth (ft.) N/A

Was Well Annular Space Grouted? Yes No Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) 14.0

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
If No, Explain No casing used - a well was not installed - Boring for soil sample collection only

Was Casing Cut Off Below Surface? Yes No
Did Sealing Material Rise to Surface? Yes No
Did Material Settle After 24 Hours? Yes No
If Yes, Was Hole Retopped? Yes No

(5) Required Method of Placing Sealing Material

Conductor Pipe-Gravity Conductor Pipe-Pumped
 Dump Bailer Other (Explain) Gravity

(6) Sealing Materials For monitoring wells and monitoring well boreholes only

Neat Cement Grout
 Sand-Cement (Concrete) Grout
 Concrete
 Clay-Sand Slurry
 Bentonite-Sand Slurry
 Chipped Bentonite

Bentonite Pellets
 Granular Bentonite
 Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Gravel	Surface	1/4	—	
PETCO GRANULAR BENTONITE	1/4	15.0	1/2	

(8) Comments:

Name of Person or Firm Doing Sealing Work
DAN REZNER, BROWN ENV. CONTRACTORS

Signature of Person Doing Work
[Signature]

Date Signed
10/19/95

Street or Route
10845 N. BUNTRUCK AVE

Telephone Number
(414) 238-998

City, State, Zip Code
MEQUON, WI 53092

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: NE 1/4 of NW 1/4 of Sec. 25; T. 7 N. R. 20
 County: WAUKESHA
 Gov't Lot: _____ Grid Number: _____
 Grid Location: _____ ft. N. S., _____ ft. E. W.
 Civil Town Name: ELM GROVE
 Street Address of Well: 13400 WEST WATERTOWN PLANK ROAD
 City, Village: ELM GROVE

(2) FACILITY NAME
 Original Well Owner (If Known): REINDERS, INC.
 Present Well Owner: REINDERS, INC.
 Street or Route: 13400 WEST WATERTOWN PLANK ROAD
 City, State, Zip Code: ELM GROVE, WI 53122
 Facility Well No. and/or Name (If Applicable): GP-6A WI Unique Well No. _____
 Reason For Abandonment: COMPLETED SOIL SAMPLING
 Date of Abandonment: OCTOBER 25, 1995

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date): OCTOBER, 1995

Monitoring Well
 Water Well
 Drillhole
 Borehole

Construction Report Available? Yes No

Construction Type:
 Drilled
 Other (Specify) GEOPROBE
 Driven (Sandpoint)
 Dug

Formation Type:
 Unconsolidated Formation
 Bedrock

Total Well Depth (ft.) 9 Casing Diameter (ins.) N/A
 (From ground surface)

Casing Depth (ft.) N/A

Was Well Annular Space Grouted? Yes No Unknown
 If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) _____

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
 If No, Explain: No casing used - Boring for soil sample collection only - no well installed
 Was Casing Cut Off Below Surface? Yes No
 Did Sealing Material Rise to Surface? Yes No
 Did Material Settle After 24 Hours? Yes No
 If Yes, Was Hole Retopped? Yes No

(5) Required Method of Placing Sealing Material
 Conductor Pipe-Gravity
 Dump Bailer
 Conductor Pipe-Pumped
 Other (Explain) Gravity

(6) Sealing Materials
 Neat Cement Grout
 Sand-Cement (Concrete) Grout
 Concrete
 Clay-Sand Slurry
 Bentonite-Sand Slurry
 Chipped Bentonite

For monitoring wells and monitoring well boreholes only:
 Bentonite Pellets
 Granular Bentonite
 Bentonite - Cement Grout

Sealing Material Used

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
Gravel	Surface	1/4	-	
ETCO GRANULAR BENTONITE	1/4	9	1/4	

Comments: _____

Name of Person or Firm Doing Sealing Work: ADAM SAUTER, SAUTER DRILLING, INC.

Signature of Person Doing Work: [Signature] Date Signed: 10/19/95

Street or Route: 11084 S. BUNTRUCK AVE Telephone Number: (414) 238-1998

City, State, Zip Code: MEQUON, WI 53092

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected: _____ District/County: _____

Reviewer/Inspector: _____

Follow-up Necessary: _____

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N; R. 20</u>	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	Present Well Owner <u>REINDERS INC.</u>
(If applicable) Gov't Lot _____ Grid Number _____	Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	City, State, Zip Code <u>ELM GROVE WI 53122</u>
Civil Town Name <u>ELM GROVE</u>	Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>	Facility Well No. and/or Name (If Applicable) <u>GP-7</u>	WI Unique Well No. _____
City, Village <u>ELM GROVE</u>	Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	Date of Abandonment <u>OCTOBER 9, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>12.0</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>OCTOBER 9, 1995</u>	Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>	Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Total Well Depth (ft.) <u>15.0</u> Casing Diameter (ins.) <u>N/A</u>	If No, Explain <u>No casing used - a well was not installed - Boring for soil sample collection</u>	
Casing Depth (ft.) <u>N/A</u>	Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
		(5) Required Method of Placing Sealing Material	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
		(6) Sealing Materials For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Chipped Bentonite <input type="checkbox"/> Bentonite-Sand Slurry	

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>ASPHALT PATCH</u>	Surface	<u>1/4</u>	—	
<u>CEMCO GRANULAR BENTONITE</u>	<u>1/4</u>	<u>15.0</u>	<u>1/2</u>	

(8) Comments:

Name of Person or Firm Doing Sealing Work <u>DAN REZNER, BROWN ENV. CONTRACTORS</u>	
Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>10/19/95</u>
Street or Route <u>10845 N. BONTROCK AVE</u>	Telephone Number <u>(414) 238-8998</u>
City, State, Zip Code <u>MEQUON, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N; R. 20</u> (If applicable)	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	
Gov't Lot	Grid Number	Present Well Owner <u>REINDERS, INC.</u>	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., <input type="checkbox"/> E. <input type="checkbox"/> W.		Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Civil Town Name <u>ELM GROVE</u>		City, State, Zip Code <u>ELM GROVE WI 53122</u>	
Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>		Facility Well No. and/or Name (If Applicable) <u>GP-8</u>	WI Unique Well No.
City, Village <u>ELM GROVE</u>		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
		Date of Abandonment <u>OCTOBER 9, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>OCTOBER 9, 1995</u>	(4) Depth to Water (Feet) <u>10.0</u>
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>No casing used - a well was not installed - Boring for soil sample colt</u>
Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>	(5) Required Method of Placing Sealing Material
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>
Total Well Depth (ft.) <u>12</u> Casing Diameter (ins.) <u>N/A</u> (From ground surface)	(6) Sealing Materials
Casing Depth (ft.) <u>N/A</u>	For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	<input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
ASPHALT PATCH	Surface	1/4	-	
CETCO GRANULAR BENTONITE	1/4	12	1/3	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
DAN REZNER, BRIGHT ENV. CONTRACTORS

Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>10/19/95</u>
Street/Route <u>10845 N. BUNTRUCK AVE</u>	Telephone Number <u>(414) 238-1998</u>
City, State, Zip Code <u>MEQUON, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N; R. 20 County: WAUKESHA

Original Well Owner (If Known): REINDERS, INC.

Present Well Owner: REINDERS, INC.

Street or Route: 13400 WEST WATERTOWN PLANK ROAD

City, State, Zip Code: ELM GROVE, WI 53122

Facility Well No. and/or Name (If Applicable): GP-8A WI Unique Well No.:

Reason For Abandonment: COMPLETED SOIL SAMPLING

Date of Abandonment: OCTOBER 25, 1995

2) FACILITY NAME

WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Well/Drillhole/Borehole Construction Completed On (Date): OCTOBER, 1995

Monitoring Well Water Well Drillhole Borehole

Construction Report Available? Yes No

Construction Type: Drilled Driven (Sandpoint) Dug Other (Specify) GEOPROBE

Formation Type: Unconsolidated Formation Bedrock

Total Well Depth (ft.) 9.0 Casing Diameter (ins.) N/A

Casing Depth (ft.) N/A

Was Well Annular Space Grouted? Yes No Unknown

If Yes, To What Depth? _____ Feet

4) Depth to Water (Feet)

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

If No, Explain No casing used - Boring for soil sample collection only - no well installed

Was Casing Cut Off Below Surface? Yes No

Did Sealing Material Rise to Surface? Yes No

Did Material Settle After 24 Hours? Yes No

If Yes, Was Hole Retopped? Yes No

5) Required Method of Placing Sealing Material

Conductor Pipe-Gravity Conductor Pipe-Pumped Dump Bailer Other (Explain) Gravity

6) Sealing Materials

Neat Cement Grout Sand-Cement (Concrete) Grout Concrete Clay-Sand Slurry Bentonite-Sand Slurry Chipped Bentonite

For monitoring wells and monitoring well boreholes only: Bentonite Pellets Granular Bentonite Bentonite - Cement Grout

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>SPHALT PATCH</u>	<u>Surface</u>	<u>1/4</u>	<u>-</u>	
<u>1/2" GRANULAR BENTONITE</u>	<u>1/4</u>	<u>9.0</u>	<u>1/4</u>	

Signature of Person or Firm Doing Sealing Work: A. M. SAUTER, SAUTER DRILLING, INC.

Signature of Person Doing Work: [Signature] Date Signed: 10/1/95

Address: 110845 N. BUNTRUCK AVE Telephone Number: (414) 238-1998

City, State, Zip Code: LEQUON, WI 53092

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected: _____ District/County: _____

Reviewer/Inspector: _____

Follow-up Necessary: _____

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>Waukesha</u>	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	
(If applicable) NE 1/4 of NW 1/4 of Sec. <u>25</u> ; T. <u>7</u> N; R. <u>20</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner <u>REINDERS INC.</u>	
Gov't Lot	Grid Number	Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>ELM GROVE WI 53122</u>	
Civil Town Name <u>ELM GROVE</u>		Facility Well No. and/or Name (If Applicable) <u>GP-9</u>	
Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
City, Village <u>ELM GROVE</u>		Date of Abandonment <u>OCTOBER 9, 1995</u>	
WI Unique Well No.			

WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole/Borehole Construction Completed On	
(Date) <u>OCTOBER 9, 1995</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	
Total Well Depth (ft.) <u>12</u> Casing Diameter (ins.) <u>N/A</u>	
Casing Depth (ft.) <u>N/A</u>	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	If Yes, To What Depth? _____ Feet
(4) Depth to Water (Feet) <u>7.0</u>	
Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>No casing used - a well was not installed - Boring for soil sample collected only</u> Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
(5) Required Method of Placing Sealing Material	
<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
(6) Sealing Materials	
<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite	
For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout	

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>ASPHALT PATCH</u>	<u>Surface</u>	<u>1/4</u>	<u>—</u>	
<u>CETCO GRANULAR BENTONITE</u>	<u>1/4</u>	<u>12</u>	<u>1/3</u>	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
DAN REZNER BROWN ENV. CONTRACTORS

Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>10/19/95</u>
Street or Route <u>10845 N. BOSTROCK AVE</u>	Telephone Number <u>(414) 238-1998</u>
City, State, Zip Code <u>MEQUON, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>Waukesha</u>	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	
NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N. R. 20 <input checked="" type="checkbox"/> E <input type="checkbox"/> W (If applicable)		Present Well Owner <u>REINDERS, INC.</u>	
Gov't Lot	Grid Number	Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>ELM GROVE WI 53122</u>	
Civil Town Name <u>ELM GROVE</u>	Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>	Facility Well No. and/or Name (If Applicable) <u>GP-10</u>	WI Unique Well No. _____
City, Village <u>ELM GROVE</u>	Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	Date of Abandonment <u>OCTOBER 9, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
1) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>OCTOBER 9, 1995</u>	4) Depth to Water (Feet) <u>10.0</u> Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>No casing used - a well was not installed - boring for soil sample collection</u> Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>	5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock Total Well Depth (ft.) <u>12.0</u> Casing Diameter (ins.) <u>N/A</u> (From ground surface) Casing Depth (ft.) <u>N/A</u> Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite

7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>TOPSOIL</u>	Surface	<u>1/4</u>	<u>—</u>	
<u>CECO GRANULAR BENTONITE</u>	<u>1/4</u>	<u>12.0</u>	<u>1/3</u>	

8) Comments:

Name of Person or Firm Doing Sealing Work <u>DAN REINER BRIGHT ENV. CONTRACTORS</u>	
Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>10/19/95</u>
Street or Route <u>10845 N. BONTROCK AVE</u>	Telephone Number <u>(414) 238-9998</u>
City, State, Zip Code <u>MEQUON, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N; R. 20</u>	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	
(If applicable)	Gov't Lot	Present Well Owner <u>REINDERS, INC.</u>	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., <input type="checkbox"/> E. <input type="checkbox"/> W.	Grid Number	Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Civil Town Name <u>ELM GROVE</u>		City, State, Zip Code <u>ELM GROVE WI 53122</u>	
Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>		Facility Well No. and/or Name (If Applicable) <u>GP-11</u>	
City, Village <u>ELM GROVE</u>		WI Unique Well No. _____	
		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
		Date of Abandonment <u>OCTOBER 9, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>OCTOBER 9, 1995</u>	(4) Depth to Water (Feet)
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>No casing used - a well was not installed - boring for soil sample colts</u>
Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>	(5) Required Method of Placing Sealing Material
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>
Total Well Depth (ft.) <u>15.0</u> Casing Diameter (ins.) <u>N/A</u> (From ground surface)	(6) Sealing Materials
Casing Depth (ft.) <u>N/A</u>	For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	<input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>TOPSOIL</u>	Surface	<u>1/4</u>	<u>—</u>	
<u>CETCO GRANULAR BENTONITE</u>	<u>1/4</u>	<u>15.0</u>	<u>1/2</u>	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
DAN REZNER, BROWN ENV. CONTRACTORS
 Signature of Person Doing Work: [Signature]
 Date Signed: 10/19/95
 Street/Route: 10845 N. BONTROCK AVE
 Telephone Number: (414) 238-1998
 City, State, Zip Code: MEQUON, WI 53092

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N; R. 20</u>	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	
(If applicable) Gov't Lot _____ Grid Number _____		Present Well Owner <u>REINDERS INC.</u>	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Civil Town Name <u>ELM GROVE</u>		City, State, Zip Code <u>ELM GROVE WI 53122</u>	
Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>		Facility Well No. and/or Name (If Applicable) WI Unique Well No. <u>GP-12</u> _____	
City, Village <u>ELM GROVE</u>		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
		Date of Abandonment <u>OCTOBER 9, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>OCTOBER 9, 1995</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>	(4) Depth to Water (Feet) <u>15.0</u> Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>no casing used - a well was not installed - boring for soil sample collecti</u> Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <u>only</u> Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock Total Well Depth (ft.) <u>15.0</u> Casing Diameter (ins.) <u>N/A</u> (From ground surface) Casing Depth (ft.) <u>N/A</u> Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u> (6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Chipped Bentonite

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>ASPHALT PATCH</u>	<u>Surface</u>	<u>1/4</u>		
<u>ETCO GRANULAR BENTONITE</u>	<u>1/4</u>	<u>15.0</u>	<u>1/2</u>	

(8) Comments:

Name of Person or Firm Doing Sealing Work <u>DAN REZNER, BROWN ENV. CONTRACTORS</u>	
Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>10/19/95</u>
Street or Route <u>10845 N. BONTROCK AVE</u>	Telephone Number <u>(414) 238-9988</u>
City, State, Zip Code <u>MEQUON, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>Borehole</u>	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS INC.</u>	
NE 1/4 of NW 1/4 of Sec. <u>25</u> ; T. <u>7</u> N; R. <u>20</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W (If applicable)		Present Well Owner <u>REINDERS INC.</u>	
Gov't Lot	Grid Number	Street or Route <u>13400 WEST WATERTOWN PLANK ROAD</u>	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>ELM GROVE WI 53122</u>	
Civil Town Name <u>ELM GROVE</u>		Facility Well No. and/or Name (If Applicable) <u>GP-13</u>	WI Unique Well No. _____
Street Address of Well <u>13400 WEST WATERTOWN PLANK ROAD</u>		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
City, Village <u>ELM GROVE</u>		Date of Abandonment <u>OCTOBER 9, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>OCTOBER 9, 1995</u>	(4) Depth to Water (Feet) <u>8.0</u>
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>no casing used - a well was not installed - boring for soil sample collection only</u>
Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>GEOPROBE</u>	(5) Required Method of Placing Sealing Material
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>
Total Well Depth (ft.) <u>9.0</u> Casing Diameter (ins.) <u>N/A</u> (From ground surface)	(6) Sealing Materials For monitoring wells and monitoring well boreholes only
Casing Depth (ft.) <u>N/A</u>	<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	<input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
ASPHALT PATCH	Surface	1/4	-	
CETCO GRANULAR BENTONITE	1/4	9.0	1/4	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
DAN REINER, BROWN ENV. CONTRACTORS

Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>10/19/95</u>
Street/Route <u>10845 N. BONTROCK AVE</u>	Telephone Number <u>(414) 238-1998</u>
City, State, Zip Code <u>MERUON, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: NE 1/4 of NW 1/4 of Sec. 25; T. 7 N. R. 20
 County: WAUKESHA
 Grid Location: _____ ft. N S. _____ ft. E W
 Gov't Lot: _____ Grid Number: _____
 Civil Town Name: ELM GROVE
 Street Address of Well: 13400 WEST WATERTOWN PLANK ROAD
 City, Village: ELM GROVE

(2) FACILITY NAME

Original Well Owner (If Known): REINDERS, INC.
 Present Well Owner: REINDERS, INC.
 Street or Route: 13400 WEST WATERTOWN PLANK ROAD
 City, State, Zip Code: ELM GROVE, WI 53122
 Facility Well No. and/or Name (If Applicable): GP-13A WI Unique Well No. _____
 Reason For Abandonment: COMPLETED SOIL SAMPLING
 Date of Abandonment: OCTOBER 25, 1995

WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Well/Drillhole/Borehole Construction Completed On (Date): OCTOBER, 1995
 Monitoring Well
 Water Well
 Drillhole
 Borehole
 Construction Report Available? Yes No
 Construction Type:
 Drilled
 Driven (Sandpoint)
 Other (Specify) GEOPROBE
 Unconsolidated Formation Bedrock
 Total Well Depth (ft.) 9.0 Casing Diameter (ins.) N/A
 From ground surface
 Casing Depth (ft.) N/A
 Was Well Annular Space Grouted? Yes No Unknown
 If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) 9.0
 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
 If No, Explain: No casing used - Boring for soil sample collection only - no well installed
 Was Casing Cut Off Below Surface? Yes No
 Did Sealing Material Rise to Surface? Yes No
 Did Material Settle After 24 Hours? Yes No
 If Yes, Was Hole Retopped? Yes No

(5) Required Method of Placing Sealing Material
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Dump Bailer Other (Explain) Gravity
 (6) Sealing Materials
 Neat Cement Grout
 Sand-Cement (Concrete) Grout
 Concrete
 Clay-Sand Slurry
 Bentonite-Sand Slurry
 Chipped Bentonite
 For monitoring wells and monitoring well boreholes only:
 Bentonite Pellets
 Granular Bentonite
 Bentonite - Cement Grout

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>SPHALT PATCH</u>	<u>Surface</u>	<u>1/4</u>	<u>-</u>	
<u>RED GRANULAR BENTONITE</u>	<u>1/4</u>	<u>9.0</u>	<u>1/3</u>	

Name of Person or Firm Doing Sealing Work: M SAUTER, SAUTER DRILLING, INC.
 Signature of Person Doing Work: _____
 Date Signed: 10/1/95
 Telephone Number: (414) 238-1998
 Street Address: 110845 N. BLUNTROCK AVE
 City, State, Zip Code: LEQUON, WI 53092

(10) FOR DNR OR COUNTY USE ONLY
 Date Received/Inspected: _____ District/County: _____
 Reviewer/Inspector: _____
 Follow-up Necessary: _____

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>Waukesha</u>	County <u>Waukesha</u>	Original Well Owner (If Known) <u>Reinders, Inc.</u>	
NE 1/4 of NW 1/4 of Sec. <u>25</u> ; T. <u>7</u> N; R. <u>20</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner <u>Reinders, Inc.</u>	
(If applicable) Gov't Lot _____ Grid Number _____		Street or Route <u>13400 Watertown Plank Road</u>	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		City, State, Zip Code <u>Elm Grove, WI 53122</u>	
Civil Town Name <u>Elm Grove</u>		Facility Well No. and/or Name (If Applicable) <u>GP-15</u>	
Street Address of Well <u>13400 Watertown Plank Road</u>		WI Unique Well No. _____	
City, Village <u>Elm Grove</u>		Reason For Abandonment <u>Soil Boring only</u>	
		Date of Abandonment <u>3/18/97</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>3/18/97</u>		(4) Depth to Water (Feet) <u>11</u>	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>Soil boring only</u>	
Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>Geoprobe</u>		(5) Required Method of Placing Sealing Material	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		<input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain)	
Total Well Depth (ft.) <u>17</u> Casing Diameter (ins.) <u>1</u> (From ground surface)		(6) Sealing Materials	
Casing Depth (ft.) _____		For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		<input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume		Mix Ratio or Mud Weight
<u>ASPHALT PATCH</u>	<u>Surface</u>	<u>1/4</u>	<u>-</u>		
<u>Cetco Granular Bentonite</u>	<u>1/4</u>	<u>17</u>	<u>1/4</u>		

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
JEFF TRACY, ADVENT ENV.

Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>3/18/97</u>
Street of Route <u>10015 N. Buntrock Ave</u>	Telephone Number <u>(414) 238-1998</u>
City, State, Zip Code <u>Mequon, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N. R. 20</u> (If applicable) Gov't Lot _____ Grid Number _____	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>Reinders, Inc.</u>	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.	Civil Town Name <u>Elm Grove</u>	Present Well Owner <u>Reinders, Inc.</u>	
Street Address of Well <u>13400 Watertown Plank Road</u>	City, Village <u>Elm Grove</u>	Street or Route <u>13400 Watertown Plank Road</u>	
		City, State, Zip Code <u>Elm Grove, WI 53122</u>	
		Facility Well No. and/or Name (If Applicable) <u>GP-16</u>	WI Unique Well No. _____
		Reason For Abandonment <u>Soil Boring Only</u>	
		Date of Abandonment <u>3/18/97</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>3/18/97</u>	(4) Depth to Water (Feet) <u>14</u>
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>Geoprobe</u> Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock Total Well Depth (ft.) <u>17</u> Casing Diameter (ins.) <u>1</u> (From ground surface) Casing Depth (ft.) <u>0</u> Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet	Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>Soil Boring Only</u> Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No
	(5) Required Method of Placing Sealing Material <input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain) _____
	(6) Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite For monitoring wells and monitoring well boreholes only: <input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>Asphalt Patch</u>	<u>Surface</u>	<u>1/4</u>	<u>-</u>	
<u>etco Granular Bentonite</u>	<u>1/4</u>	<u>17</u>	<u>1/4</u>	

Comments: _____

Name of Person or Firm Doing Sealing Work <u>Jeff Tracy, Advent Environmental</u>	
Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>3/18/97</u>
Street/Route <u>10845 N. Burtrock Ave</u>	Telephone Number <u>(414) 238-1998</u>
City, State, Zip Code <u>Meyerton, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N; R. 20</u>	County <u>WAUKESHA</u>	Original Well Owner (If Known) <u>REINDERS, INC.</u>	
(If applicable) Gov't Lot _____ Grid Number _____		Present Well Owner <u>REINDERS, INC.</u>	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		Street or Route <u>13400 WATERTOWN PLANK ROAD</u>	
Civil Town Name <u>ELM GROVE</u>		City, State, Zip Code <u>ELM GROVE, WI 53122</u>	
Street Address of Well <u>13400 WATERTOWN PLANK ROAD</u>		Facility Well No. and/or Name (If Applicable) <u>C-2A</u>	WI Unique Well No. _____
City, Village <u>ELM GROVE</u>		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
		Date of Abandonment <u>DECEMBER 1, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
<p>(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>DECEMBER 1, 1995</u></p> <p><input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Drillhole <input type="checkbox"/> Borehole</p> <p>Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____</p> <p>Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock</p> <p>Total Well Depth (ft.) <u>15.0</u> Casing Diameter (ins.) <u>N/A</u> (From ground surface)</p> <p>Casing Depth (ft.) <u>N/A</u></p> <p>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet</p>	<p>(4) Depth to Water (Feet) <u>10</u></p> <p>Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain <u>BOREHOLE USED FOR COLLECTING SOIL SAMPLES - NO CASING USED.</u></p> <p>Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>(5) Required Method of Placing Sealing Material</p> <p><input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u></p> <p>(6) Sealing Materials For monitoring wells and monitoring well boreholes only</p> <p><input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite</p> <p><input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Cement Grout</p>

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>ASPHALT PATCH</u>	<u>Surface</u>	<u>1/4</u>	<u>—</u>	
<u>COECO GRANULAR BENTONITE</u>	<u>1/4</u>	<u>15</u>	<u>2</u>	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
PEARLS SCHNEIDER SAUER DRILLING, INC.

Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>12/1/95</u>
Street or Route <u>10845 N. BURNACK AVE</u>	Telephone Number <u>(414) 238-1998</u>
City, State, Zip Code <u>MEQUON, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location <u>NE 1/4 of NW 1/4 of Sec. 25 ; T. 7 N; R. 20</u>	County <u>WAUKESHA</u>	Original Well Owner (if Known) <u>KEINDERS, INC.</u>	
(If applicable) Gov't Lot _____ Grid Number _____		Present Well Owner <u>KEINDERS, INC.</u>	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.		Street or Route <u>13400 WATERTOWN PLANK ROAD</u>	
Civil Town Name <u>ELM GROVE</u>		City, State, Zip Code <u>ELM GROVE, WI 53122</u>	
Street Address of Well <u>13400 WATERTOWN PLANK ROAD</u>		Facility Well No. and/or Name (If Applicable) <u>C-6A</u>	WI Unique Well No. _____
City, Village <u>ELM GROVE</u>		Reason For Abandonment <u>COMPLETED SOIL SAMPLING</u>	
		Date of Abandonment <u>DECEMBER 1, 1995</u>	

WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) Depth to Water (Feet) <u>12</u>	
Original Well/Drillhole/Borehole Construction Completed On (Date) <u>DECEMBER 1, 1995</u>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Drillhole <input type="checkbox"/> Borehole		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Report Available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (Specify) _____		Casing Left in Place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		If No, Explain <u>PAVING USED FOR CONCRETE SOIL SAMPLES - NO CASING USED.</u>	
Total Well Depth (ft.) <u>15.0</u> Casing Diameter (ins.) <u>N/A</u>		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Casing Depth (ft.) <u>N/A</u>		Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
		(5) Required Method of Placing Sealing Material	
		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
		<input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) <u>Gravity</u>	
		(6) Sealing Materials For monitoring wells and monitoring well boreholes only	
		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Bentonite Pellets	
		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Granular Bentonite	
		<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite - Cement Grout	
		<input type="checkbox"/> Clay-Sand Slurry	
		<input type="checkbox"/> Bentonite-Sand Slurry	
		<input type="checkbox"/> Chipped Bentonite	

Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	Mix Ratio or Mud Weight
<u>ASPHALT PATCH</u>	<u>Surface</u>	<u>1/4</u>	<u>-</u>	
<u>PERCO GRANULAR BENTONITE</u>	<u>1/4</u>	<u>15</u>	<u>2</u>	

Comments: _____

Name of Person or Firm Doing Sealing Work <u>EARLS SCHNEIDER, SAUTER DRILLING, INC.</u>	
Signature of Person Doing Work <u>[Signature]</u>	Date Signed <u>12/1/95</u>
Street or Route <u>10845 N. BUNTRICK AVE</u>	Telephone Number <u>(414) 238-1998</u>
City, State, Zip Code <u>MEQUON, WI 53092</u>	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

Facility/Project Name REBINDERS, INC.	Local Grid Location of Well _____ ft. <input type="checkbox"/> N _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S _____ ft. <input type="checkbox"/> W.	Well Name MW-R1
Facility License, Permit or Monitoring Number	Grid Origin Location Lat. _____ Long. _____ or St. Plane _____ ft. N, _____ ft. E.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location of Waste/Source NE 1/4 of NW 1/4 of Sec. 25, T. 7 N, R. 20 E. W.	Date Well Installed 10/12/95 m m d d y y
Distance Well Is From Waste/Source Boundary _____ ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input checked="" type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By: (Person's Name and Firm) SAUTER DRILLING, INC.

1. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: <u>9.0</u> in.
3. Land surface elevation _____ ft. MSL	b. Length: <u>1.0</u> ft.
4. Surface seal, bottom _____ ft. MSL or <u>0.9</u> ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: <u>Flush mount</u>
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
4. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular space seal <input type="checkbox"/> Other <input type="checkbox"/>
5. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite Bentonite-cement grout <input type="checkbox"/> 50 e. <u>0.92</u> Ft ³ volume added for any of the above
6. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
Describe _____	6. Bentonite seal: a. Bentonite granules <input checked="" type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
7. Source of water (attach analysis):	7. Fine sand material: Manufacturer, product name & mesh size a. <u>Red Flint Sand (45-55)</u>
Bentonite seal, top _____ ft. MSL or <u>0.9</u> ft.	b. Volume added <u>0.17</u> ft ³
Fine sand, top _____ ft. MSL or <u>3.5</u> ft.	8. Filter pack material: Manufacturer, product name and mesh size a. <u>RED FLINT SAND (30)</u>
Filter pack, top _____ ft. MSL or <u>4.0</u> ft.	b. Volume added <u>3.74</u> ft ³
Screen joint, top _____ ft. MSL or <u>5.0</u> ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
Well bottom _____ ft. MSL or <u>15.0</u> ft.	10. Screen material: <u>Schedule 40 PVC</u>
Filter pack, bottom _____ ft. MSL or <u>15.0</u> ft.	a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
Borehole, bottom _____ ft. MSL or <u>15.0</u> ft.	b. Manufacturer <u>Timco</u>
Borehole, diameter <u>8.3</u> in.	c. Slot size: <u>0.010</u> in.
O.D. well casing <u>2.38</u> in.	d. Slotted length: <u>10.0</u> ft.
I.D. well casing <u>2.00</u> in.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>

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

Signature: [Signature] Firm: Advent Environmental Services, Inc.

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., ch. NR 144, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$100 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

City/Project Name REINDERS INC.	County Name WAUKESHA	Well Name MW-R1
City License, Permit or Monitoring Number	County Code 68	WIS Unique Well Number
		DNR Well Number

1. Can this well be purged dry? Yes No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/> 41
surged with bailer and pumped	<input type="checkbox"/> 61
surged with block and bailed	<input type="checkbox"/> 42
surged with block and pumped	<input type="checkbox"/> 62
surged with block, bailed and pumped	<input type="checkbox"/> 70
compressed air	<input type="checkbox"/> 20
bailed only	<input type="checkbox"/> 10
pumped only	<input type="checkbox"/> 51
pumped slowly	<input type="checkbox"/> 50
Other	<input checked="" type="checkbox"/>

3. Time spent developing well _____ min.

4. Depth of well (from top of well casing) _____ ft.

5. Well bore diameter of well _____ in.

6. Volume of water in filter pack and well casing _____ gal.

7. Volume of water removed from well _____ gal.

8. Volume of water added (if any) _____ 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. _____ ft.	_____ ft.
Date	b. <u>10/16/95</u> m m d d y y	____/____/____ m m d d y y
Time	c. <u>08:00</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	____:____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input type="checkbox"/> 15 (Describe) _____	Clear <input type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) _____
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

11. Additional comments on development:
Well was dry on initial water level check.

Well developed by: Person's Name and Firm

Name: JEFF TRACY

Firm: ADVANT ENVIRONMENTAL, INC.

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

Signature: [Signature]

Print Initials: JGT

Firm: ADVANT ENVIRONMENTAL, INC.

Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name
REINDERS, INC.

Facility License, Permit or Monitoring Number

Type of Well Water Table Observation Well 11
Piezometer 12

Distance Well Is From Waste/Source Boundary
ft.

Is Well A Point of Enforcement Std. Application?
 Yes No

Local Grid Location of Well
ft. N S E W

Grid Origin Location
Lat. _____ Long. _____ or
St. Plane _____ ft. N. _____ ft. E.

Section Location of Waste/Source
NE 1/4 of NW 1/4 of Sec. 25, T. 7 N, R. 20 E W

Location of Well Relative to Waste/Source
u Upgradient s Sidegradient
d Downgradient n Not Known

Well Name
MW-RIA

Wis. Unique Well Number _____ DNR Well Number _____

Date Well Installed
10/25/95
m m d y y

Well Installed By: (Person's Name and Firm)
DRAVIS SAUTER DRILLING, INC.

A. Protective pipe, top elevation _____ ft. MSL

3. Well casing, top elevation _____ ft. MSL

2. Land surface elevation _____ ft. MSL

3. Surface seal, bottom _____ ft. MSL or 0.8 ft.

12. USCS classification of soil near screen:
GP GM GC GW SW SP
SM SC ML MH CL CH
Bedrock

13. Sieve analysis attached? Yes No

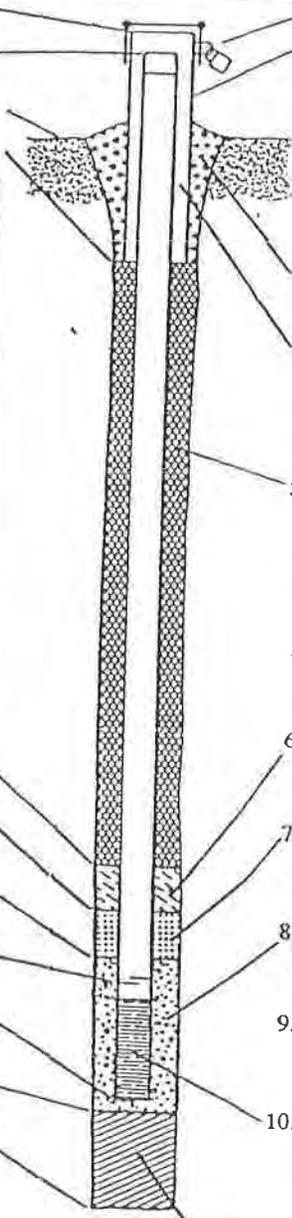
4. Drilling method used: Rotary 50
Hollow Stem Auger 41
Other

5. Drilling fluid used: Water 02 Air 01
Drilling Mud 03 None 99

6. Drilling additives used? Yes No

Describe _____

7. Source of water (attach analysis):



1. Cap and lock? Yes No

2. Protective cover pipe:
a. Inside diameter: 9.0 in.
b. Length: 1.0 ft.
c. Material: Steel 04
Other

d. Additional protection? Yes No
If yes, describe: Flush mount

3. Surface seal: Bentonite 30
Concrete 01
Other

4. Material between well casing and protective pipe:
Bentonite 30
Annular space seal

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. 1.8 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 & mesh size
a. RED Flint Sand (45-55)
b. Volume added 0.7 ft³

8. Filter pack material: Manufacturer, product name and mesh size
a. RED Flint Sand (30)
b. Volume added 5.8 ft³

9. Well casing: Flush threaded PVC schedule 40 23
Flush threaded PVC schedule 80 24
Other

10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut 11
Continuous slot 01
Other

b. Manufacturer Timco
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None 14
Other

Bentonite seal, top _____ ft. MSL or 0.8 ft.

Fine sand, top _____ ft. MSL or 6.0 ft.

Filter pack, top _____ ft. MSL or 8.0 ft.

Screen joint, top _____ ft. MSL or 10.0 ft.

Well bottom _____ ft. MSL or 25.0 ft.

Filter pack, bottom _____ ft. MSL or 25.0 ft.

Borehole, bottom _____ ft. MSL or 25.0 ft.

Borehole, diameter 8.3 in.

O.D. well casing 2.38 in.

I.D. well casing 2.00 in.

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

Signature: [Signature] Firm: Advent Environmental Services Inc.

Use complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., ch. NR 111 Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$100 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

Facility/Project Name REINDERS INC	County Name WAUKESHA	Well Name MW-RIA
Facility License, Permit or Monitoring Number	County Code 68	DNR Well Number

1. Can this well be purged dry? Yes No

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

Time spent developing well 64 min.

4. Depth of well (from top of well casing) 25.0 ft.

Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 6.9 gal.

7. Volume of water removed from well 11.0 gal.

Volume of water added (if any) --- gal.

9. Source of water added none 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. <u>17.52</u> ft.	<u>Dry</u> ft.
Date	b. <u>10/30/95</u> m m d d y y	<u>10/30/95</u> m m d d y y
Time	c. <u>12:58</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>2:02</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	<u>---</u> inches	<u>---</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Brown, silty, chocolate milk appearance</u>	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe) <u>Slightly cloudy-brown</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	<u>---</u> mg/l	<u>---</u> mg/l
15. COD	<u>---</u> mg/l	<u>---</u> mg/l

15. Additional comments on development:
Well pumped dry 3 times.

Well developed by: Person's Name and Firm

Name: JEFFREY G. TRACY

Firm: ADVENT ENVIRONMENTAL SERVICES, INC.

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

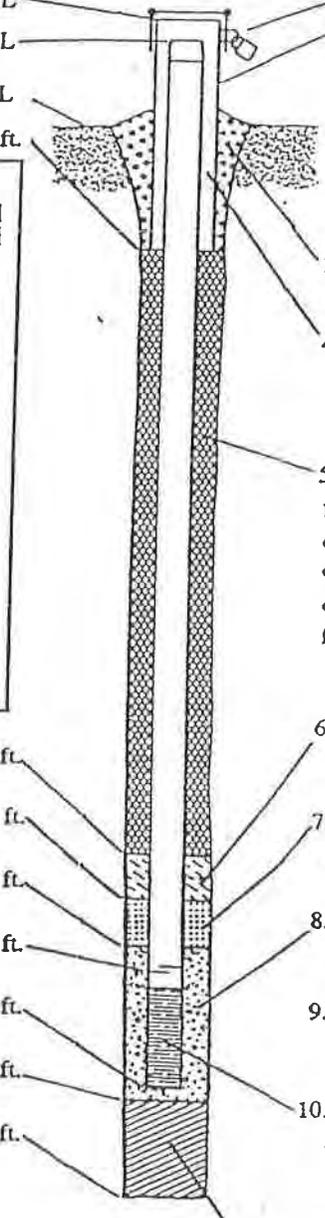
Signature: Jeffrey G. Tracy

Print Initials: JGT

Firm: ADVENT ENVIRONMENTAL SERVICES, INC.

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name REBINDERS, INC.	Local Grid Location of Well ft. <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W	Well Name MW-R2
Facility License, Permit or Monitoring Number	Grid Origin Location Lat. _____ Long. _____ or St. Plane _____ ft. N. _____ ft. E.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location of Waste/Source NE 1/4 of NW 1/4 of Sec. 25, T. 7 N, R. 20 E, W.	Date Well Installed 10/12/95 m m d d y y
Distance Well Is From Waste/Source Boundary ft. _____	Location of Well Relative to Waste/Source u <input checked="" type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By: (Person's Name and Firm) SAUTER DRILLING, INC.
Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

<p>1. Protective pipe, top elevation _____ ft. MSL</p> <p>3. Well casing, top elevation _____ ft. MSL</p> <p>2. Land surface elevation _____ ft. MSL</p> <p>2. Surface seal, bottom _____ ft. MSL or 0.7 ft.</p> <p>12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/></p> <p>13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>4. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/></p> <p>5. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99</p> <p>6. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Describe _____</p> <p>7. Source of water (attach analysis):</p>	 <p>1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>2. Protective cover pipe: a. Inside diameter: 9.0 in. b. Length: 1.0 ft. c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/> d. Additional protection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: Flush mount</p> <p>3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/></p> <p>4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular space seal <input type="checkbox"/> Other <input type="checkbox"/></p> <p>5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. 0.95 Ft³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08</p> <p>6. Bentonite seal: a. Bentonite granules <input checked="" type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/></p> <p>7. Fine sand material: Manufacturer, product name & mesh size a. Red Flint Sand (45-55) b. Volume added 0.17 ft³</p> <p>8. Filter pack material: Manufacturer, product name and mesh size a. RED FLINT SAND (30) b. Volume added 3.74 ft³</p> <p>9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/></p> <p>10. Screen material: Schedule 40 PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/> b. Manufacturer Timco c. Slot size: 0.010 in. d. Slotted length: 10.0 ft.</p> <p>11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/></p>	<p>Bentonite seal, top _____ ft. MSL or 0.7 ft.</p> <p>Fine sand, top _____ ft. MSL or 3.5 ft.</p> <p>Filter pack, top _____ ft. MSL or 4.0 ft.</p> <p>Screen joint, top _____ ft. MSL or 5.0 ft.</p> <p>Well bottom _____ ft. MSL or 15.0 ft.</p> <p>Filter pack, bottom _____ ft. MSL or 15.0 ft.</p> <p>Borehole, bottom _____ ft. MSL or 15.0 ft.</p> <p>Borehole, diameter 2.3 in.</p> <p>O.D. well casing 2.38 in.</p> <p>I.D. well casing 2.00 in.</p>
--	--	---

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

Signature: Jeffrey E. Perry Firm: Advent Environmental Services Inc.

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., 1 ch. NR 441, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$100 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

City/Project Name REINDERS INC.	County Name WALKESHA	Well Name MW-RZ
City License, Permit or Monitoring Number	County Code 68	Wis. Unique Well Number
		DNR Well Number

1. Can this well be purged dry? Yes No

2. Well development method

surged with bailer and bailed	<input type="checkbox"/> 41
surged with bailer and pumped	<input type="checkbox"/> 61
surged with block and bailed	<input type="checkbox"/> 42
surged with block and pumped	<input type="checkbox"/> 62
surged with block, bailed and pumped	<input type="checkbox"/> 70
compressed air	<input type="checkbox"/> 20
bailed only	<input type="checkbox"/> 10
pumped only	<input type="checkbox"/> 51
pumped slowly	<input type="checkbox"/> 50
Other	<input type="checkbox"/>

3. Time spent developing well _____ min.

4. Depth of well (from top of well casing) _____ ft.

5. Inside diameter of well _____ in.

6. Volume of water in filter pack and well casing _____ gal.

7. Volume of water removed from well _____ gal.

8. Volume of water added (if any) _____ gal.

9. Source of water added _____

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. <u>Dry</u> ft.	_____ ft.
Date	b. <u>10/16/95</u> m m d d y y	____/____/____ m m d d y y
Time	c. <u>08:10</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	____:____ <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input type="checkbox"/> 15 (Describe)	Clear <input type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe)
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

5. Additional comments on development:
Well was dry on initial water level check.

Well developed by: Person's Name and Firm

Name: JEFF TRACY

Firm: ADVANT ENVIRONMENTAL, INC.

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

Signature: [Signature]

Print Initials: JT

Firm: ADVANT ENVIRONMENTAL, INC

Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name REBINDERS, INC.	Local Grid Location of Well ft. <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W	Well Name MW-R3
Facility License, Permit or Monitoring Number	Grid Origin Location Lat. _____ Long. _____ or St. Plane _____ ft. N. _____ ft. E.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location of Waste/Source NE 1/4 of NW 1/4 of Sec. 25, T. 7 N, R. 20 E.	Date Well Installed 10/12/95 m m d d y y
Distance Well Is From Waste/Source Boundary ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input checked="" type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By: (Person's Name and Firm) SAUTER DRILLING, INC.
Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: 9.0 in.
2. Land surface elevation _____ ft. MSL	b. Length: 1.0 ft.
1. Surface seal, bottom _____ ft. MSL or 0.0 ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: Flush mount
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
4. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular space seal <input type="checkbox"/>
5. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. 0.92 Ft ³ volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
6. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Bentonite seal: a. Bentonite granules <input checked="" type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
7. Source of water (attach analysis): Describe _____	7. Fine sand material: Manufacturer, product name & mesh size a. RED Flint Sand (45-55) b. Volume added 0.17 ft ³
Bentonite seal, top _____ ft. MSL or 0.0 ft.	8. Filter pack material: Manufacturer, product name and mesh size a. RED Flint SAND (30) b. Volume added 3.74 ft ³
Fine sand, top _____ ft. MSL or 3.5 ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
Filter pack, top _____ ft. MSL or 4.0 ft.	10. Screen material: Schedule 40 PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
Screen joint, top _____ ft. MSL or 5.0 ft.	b. Manufacturer Timco
Well bottom _____ ft. MSL or 15.0 ft.	c. Slot size: 0.060 in.
Filter pack, bottom _____ ft. MSL or 15.0 ft.	d. Slotted length: 10.0 ft.
Borehole, bottom _____ ft. MSL or 15.0 ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
Borehole, diameter 2.3 in.	
O.D. well casing 2.38 in.	
I.D. well casing 2.00 in.	

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

Signature: *[Signature]* Firm: **Advent Environmental Services, Inc.**

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$100 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

Facility/Project Name KEINDERS, INC.	County Name WAUKESHA	Well Name MW-R3
Facility License, Permit or Monitoring Number	County Code 68	Wis. Unique Well Number
		DNR Well Number

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

Time spent developing well 50 min.

4. Depth of well (from top of well casing) 15.0 ft.

Inside diameter of well 2.00 in.

Volume of water in filter pack and well casing 2.5 gal.

7. Volume of water removed from well 4.0 gal.

Volume of water added (if any) 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. <u>12.31</u> ft.	<u>Dry</u> ft.
Date	b. <u>10/16/95</u> m m d d y y	<u>10/16/95</u> m m d d y y
Time	c. <u>9:00</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>9:50</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	<u> </u> inches	<u> </u> inches
13. Water clarity	Clear <input type="checkbox"/> 10	Clear <input type="checkbox"/> 20
	Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Cloudy, brown suspended silt.</u>	Turbid <input checked="" type="checkbox"/> 25 (Describe) <u>Slightly turbid, minimal cloudiness</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	<u> </u> mg/l	<u> </u> mg/l
15. COD	<u> </u> mg/l	<u> </u> mg/l

16. Additional comments on development:
Well pumped dry 4 times.

Well developed by: Person's Name and Firm

Name: JEFFREY G. TRACY

Firm: Advent Environmental Services, Inc.

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

Signature: Jeffrey G. Tracy

Print Initials: JGT

Firm: Advent Environmental Services, Inc.

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name
RBINDERS, INC.

Facility License, Permit or Monitoring Number

Type of Well Water Table Observation Well 11
Piezometer 12

Distance Well Is From Waste/Source Boundary
_____ ft.

Is Well A Point of Enforcement Std. Application?
 Yes No

Local Grid Location of Well
ft. N. S. _____ ft. E. W.

Grid Origin Location
Lat. _____ Long. _____ or
St. Plane _____ ft. N. _____ ft. E.

Section Location of Waste/Source
NE 1/4 of NW 1/4 of Sec. 25, T. 7 N. R. 20 E. W.

Location of Well Relative to Waste/Source
u Upgradient s Sidegradient
d Downgradient n Not Known

Well Name
MW-R 4

Unique Well Number _____ DNR Well Number _____

Date Well Installed
10/12/95
m m d d y y

Well Installed By: (Person's Name and Firm)
SAUTER DRILLING, INC.

1. Protective pipe, top elevation _____ ft. MSL

2. Well casing, top elevation _____ ft. MSL

3. Land surface elevation _____ ft. MSL

4. Surface seal, bottom _____ ft. MSL or 0.7 ft.

12. USCS classification of soil near screen:
GP GM GC GW SW SP
SM SC ML MH CL CH
Bedrock

13. Sieve analysis attached? Yes No

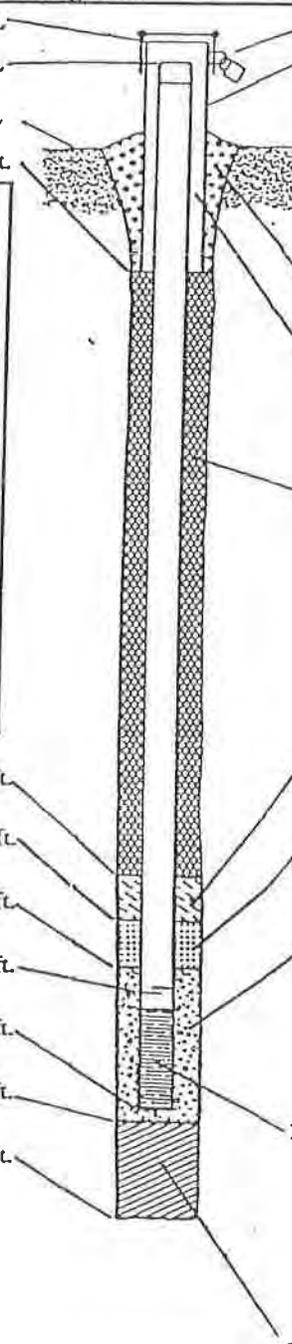
4. Drilling method used: Rotary 50
Hollow Stem Auger 41
Other

5. Drilling fluid used: Water 02 Air 01
Drilling Mud 03 None 99

6. Drilling additives used? Yes No

Describe _____

7. Source of water (attach analysis): _____



1. Cap and lock? Yes No

2. Protective cover pipe:
a. Inside diameter: 2.0 in.
b. Length: 1.0 ft.
c. Material: Steel 04
Other

d. Additional protection? Yes No
If yes, describe: Flush mount

3. Surface seal: Bentonite 30
Concrete 01
Other

4. Material between well casing and protective pipe:
Bentonite 30
Annular space seal

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. 0.78 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 & mesh size
a. RED Flint Sand (45-55)
b. Volume added 0.17 ft³

8. Filter pack material: Manufacturer, product name and mesh size
a. RED Flint SAND (30)
b. Volume added 3.57 ft³

9. Well casing: Flush threaded PVC schedule 40 23
Flush threaded PVC schedule 80 24
Other

10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut 11
Continuous slot 01
Other

b. Manufacturer Timco
c. Slot size: 0.010 in.
d. Slotted length: 1.0 ft.

11. Backfill material (below filter pack): None 14
Other

Bentonite seal, top _____ ft. MSL or 0.7 ft.

Fine sand, top _____ ft. MSL or 3.0 ft.

Filter pack, top _____ ft. MSL or 3.5 ft.

Screen joint, top _____ ft. MSL or 4.0 ft.

Well bottom _____ ft. MSL or 14.0 ft.

Filter pack, bottom _____ ft. MSL or 14.0 ft.

Borehole, bottom _____ ft. MSL or 14.0 ft.

Borehole, diameter 2.3 in.

O.D. well casing 2.38 in.

I.D. well casing 2.00 in.

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

Signature: Jeffrey E. Perry Firm: Advent Environmental Services Inc.

Use complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., ch. NR 111, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$100 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

City/Project Name KEINDERS, INC.	County Name WAUKESHA	Well Name MW-R4
City License, Permit or Monitoring Number	County Code 68	Wis. Unique Well Number
		DNR Well Number

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 44 min.

4. Depth of well (from top of well casing) 14.0 ft.

5. Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 5.1 gal.

7. Volume of water removed from well 10.0 gal.

8. Volume of water added (if any) 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. <u>8.46</u> ft.	<u>Dry</u> ft.
Date	b. <u>10/16/95</u> m m d d y y	<u>10/16/95</u> m m d d y y
Time	c. <u>10:04</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>10:48</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
12. Sediment in well bottom	<u> </u> inches	<u> </u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Dark brown, silty - Sheen on water prior to developing.</u>	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe) <u>Slightly cloudy almost clear No sheen after well development.</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	<u> </u> mg/l	<u> </u> mg/l
15. COD	<u> </u> mg/l	<u> </u> mg/l

Additional comments on development:
Well pumped dry 4 times.

Well developed by: Person's Name and Firm

Name: JEFFREY G. TRACY

Firm: Advent Environmental Services, Inc.

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

Signature: Jeffrey G. Tracy

Print Initials: JGT

Firm: Advent Environmental Services, Inc.

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name REBINDERS, INC.	Local Grid Location of Well ft. <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W	Well Name MW-R5
Facility License, Permit or Monitoring Number	Grid Origin Location Lat. _____ Long. _____ or St. Plane _____ ft. N. _____ ft. E.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location of Waste/Source NE 1/4 of NW 1/4 of Sec. 25, T. 7 N, R. 20 E	Date Well Installed 10/12/95 m m d d y y
Distance Well Is From Waste/Source Boundary ft. _____	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By: (Person's Name and Firm) SAUTER DRILLING, INC.

1. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in.
3. Land surface elevation _____ ft. MSL	b. Length: _____ ft.
4. Surface seal, bottom _____ ft. MSL or 0.0 ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: Flush mount
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
4. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular space seal <input type="checkbox"/>
5. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. 0.7 Ft ³ volume added for any of the above
6. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
Describe _____	6. Bentonite seal: a. Bentonite granules <input checked="" type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
7. Source of water (attach analysis): _____	7. Fine sand material: Manufacturer, product name & mesh size a. RED Flint Sand (45-55)
Bentonite seal, top _____ ft. MSL or 0.0 ft.	b. Volume added 0.17 ft ³
Fine sand, top _____ ft. MSL or 3.0 ft.	8. Filter pack material: Manufacturer, product name and mesh size a. RED FLINT SAND (30)
Filter pack, top _____ ft. MSL or 3.5 ft.	b. Volume added 3.57 ft ³
Screen joint, top _____ ft. MSL or 4.0 ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
Well bottom _____ ft. MSL or 14.0 ft.	10. Screen material: Schedule 40 PVC
Filter pack, bottom _____ ft. MSL or 14.0 ft.	a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
Borehole, bottom _____ ft. MSL or 14.0 ft.	b. Manufacturer Timco
Borehole, diameter 2.3 in.	c. Slot size: 0.010 in.
O.D. well casing 2.28 in.	d. Slotted length: 10.0 ft.
I.D. well casing 2.00 in.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>

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

Signature: *[Signature]* Firm: **Advent Environmental Services Inc.**

Use complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$100 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

1 Utility/Project Name KEINDERS, INC.	2 County Name WAUKESHA	3 Well Name MW-R5
4 Utility License, Permit or Monitoring Number	5 County Code 68	6 DNR Well Number

1 Can this well be purged dry? Yes No

2 Well development method

surged with bailer and bailed	<input type="checkbox"/>	41
surged with bailer and pumped	<input type="checkbox"/>	61
surged with block and bailed	<input type="checkbox"/>	42
surged with block and pumped	<input type="checkbox"/>	62
surged with block, bailed and pumped	<input type="checkbox"/>	70
compressed air	<input type="checkbox"/>	20
bailed only	<input type="checkbox"/>	10
pumped only	<input checked="" type="checkbox"/>	51
pumped slowly	<input type="checkbox"/>	50
Other	<input type="checkbox"/>	

3 Time spent developing well 47 min.

4 Depth of well (from top of well casing) 14.0 ft.

5 Inside diameter of well 2.00 in.

6 Volume of water in filter pack and well casing 5.1 gal.

7 Volume of water removed from well 7.0 gal.

8 Volume of water added (if any) _____ 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. <u>8.45</u> ft.	<u>Dry</u> ft.
Date	b. <u>10/16/95</u> m m d d y y	<u>10/16/95</u> m m d d y y
Time	c. <u>11:13</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	<u>12:00</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	_____ inches	_____ inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Very silty, brown in color</u>	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe) <u>Very silty, brown in color.</u>
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

11 Additional comments on development:
Well pumped dry 4 times.

Well developed by: Person's Name and Firm

Name: JEFFREY G. TRACY

Firm: Advent Environmental Services, Inc.

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

Signature: Jeffrey G. Tracy

Print Initials: JGT

Firm: Advent Environmental Services, Inc.

E: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name: RBINDERS, INC.
 Local Grid Location of Well: _____ ft. N S _____ ft. E W
 Well Name: MW-26
 Facility License, Permit or Monitoring Number: _____
 Grid Origin Location: _____
 Wis. Unique Well Number: _____ DNR Well Number: _____
 Type of Well: Water Table Observation Well 11
 Piezometer 12
 Lat. _____ Long. _____ or _____
 St. Plane _____ ft. N. _____ ft. E.
 Date Well Installed: 10/12/95
 m m d d y y
 Distance Well Is From Waste/Source Boundary: _____ ft.
 Section Location of Waste/Source: NE 1/4 of NW 1/4 of Sec. 25, T. 7 N, R. 20 W.
 Well Installed By: (Person's Name and Firm) SAUTER DRILLING, INC.
 Is Well A Point of Enforcement Std. Application? Yes No
 Location of Well Relative to Waste/Source:
 u Upgradient s Sidegradient
 d Downgradient n Not Known

1. Protective pipe, top elevation _____ ft. MSL. Yes No
 2. Well casing, top elevation _____ ft. MSL.
 3. Land surface elevation _____ ft. MSL.
 4. Surface seal, bottom _____ ft. MSL or 0.7 ft.
 12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock
 13. Sieve analysis attached? Yes No
 4. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 Other
 5. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99
 6. Drilling additives used? Yes No
 Describe _____
 7. Source of water (attach analysis): _____
 1. Cap and lock? Yes No
 2. Protective cover pipe:
 a. Inside diameter: 9.0 in.
 b. Length: 1.0 ft.
 c. Material: Steel 04
 Other
 d. Additional protection? Yes No
 If yes, describe: Flush mount
 3. Surface seal: Bentonite 30
 Concrete 01
 Other
 4. Material between well casing and protective pipe:
 Bentonite 30
 Annular space seal
 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. 0.78 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 & mesh size
 a. RED Flint Sand (45-55)
 b. Volume added 0.17 ft³
 8. Filter pack material: Manufacturer, product name and mesh size
 a. RED Flint SAND (30)
 b. Volume added 3.57 ft³
 9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 Other
 10. Screen material: Schedule 40 PVC
 a. Screen type: Factory cut 11
 Continuous slot 01
 Other
 b. Manufacturer Timco
 c. Slot size: 0.010 in.
 d. Slotted length: 10.0 ft.
 11. Backfill material (below filter pack): None 14
 Other

Bentonite seal, top _____ ft. MSL or 0.7 ft.
 Fine sand, top _____ ft. MSL or 3.0 ft.
 Filter pack, top _____ ft. MSL or 3.2 ft.
 Screen joint, top _____ ft. MSL or 4.0 ft.
 Well bottom _____ ft. MSL or 14.0 ft.
 Filter pack, bottom _____ ft. MSL or 14.0 ft.
 Borehole, bottom _____ ft. MSL or 14.0 ft.
 Borehole, diameter 2.3 in.
 O.D. well casing 2.38 in.
 I.D. well casing 2.00 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.
 Signature: [Signature] Firm: Advent Environmental Services, Inc.
 Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$100 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

City/Project Name REINDERS, INC.	County Name WAUKESHA	Well Name MW-R6
City License, Permit or Monitoring Number	County Code 68	Wis. Unique Well Number
		DNR Well Number

Can this well be purged dry? Yes No

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 48 min.

4. Depth of well (from top of well casing) 14.0 ft.

5. Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 3.9 gal.

7. Volume of water removed from well 70 gal.

8. Volume of water added (if any) 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. <u>9.76</u> ft.	<u>Dry</u> ft.
Date	b. <u>10/16/95</u> m m d d y y	<u>10/16/95</u> m m d d y y
Time	c. <u>12:18</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>1:06</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	<u> </u> inches	<u> </u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Very turbid brown, silty</u>	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe) <u>Slightly turbid cloudy - almost clear.</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	<u> </u> mg/l	<u> </u> mg/l
15. COD	<u> </u> mg/l	<u> </u> mg/l

11. Additional comments on development:
Well pumped dry 4 times.

Well developed by: Person's Name and Firm

Name: JEFFREY G. TRACY

Firm: Advent Environmental Services, Inc.

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

Signature: [Signature]

Print Initials: JGT

Firm: Advent Environmental Services, Inc.

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name REBINDERS, INC.	Local Grid Location of Well ft. <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W	Well Name MW-R7
Facility License, Permit or Monitoring Number	Grid Origin Location Lat. _____ Long. _____ or St. Plane _____ ft. N. _____ ft. E.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location of Waste/Source NE 1/4 of NW 1/4 of Sec. 25, T. 7 N. R. 20 E. W.	Date Well Installed 10/25/95 m m d d y y
Distance Well Is From Waste/Source Boundary ft. _____	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By: (Person's Name and Firm) Dennis SAUTER DRILLING, INC.
Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

1. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: 9.0 in.
2. Land surface elevation _____ ft. MSL	b. Length: 1.0 ft.
3. Surface seal, bottom _____ ft. MSL or 0.7 ft.	c. Material: Steel <input type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: Flush mount
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
4. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular space seal <input type="checkbox"/>
5. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight ... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight ... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite ... Bentonite-cement grout <input type="checkbox"/> 50 e. 1.8 Ft ³ volume added for any of the above
6. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
7. Source of water (attach analysis):	6. Bentonite seal: a. Bentonite granules <input checked="" type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite pellets <input type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
Bentonite seal, top _____ ft. MSL or 0.7 ft.	7. Fine sand material: Manufacturer, product name & mesh size a. RED Flint Sand (45-55)
Fine sand, top _____ ft. MSL or 6.0 ft.	b. Volume added 0.7 ft ³
Filter pack, top _____ ft. MSL or 8.0 ft.	8. Filter pack material: Manufacturer, product name and mesh size a. RED FLINT SAND (30)
Screen joint, top _____ ft. MSL or 10.0 ft.	b. Volume added 5.8 ft ³
Well bottom _____ ft. MSL or 25.0 ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
Filter pack, bottom _____ ft. MSL or 25.0 ft.	10. Screen material: Schedule 40 PVC
Borehole, bottom _____ ft. MSL or 25.0 ft.	a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
Borehole, diameter 2.3 in.	b. Manufacturer Timco
O.D. well casing 2.38 in.	c. Slot size: 0.010 in.
I.D. well casing 2.00 in.	d. Slotted length: 1.0 ft.
	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature _____ Firm **Advent Environmental Services, Inc.**

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$100 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

Facility/Project Name RENDERS INC	County Name WAUKESHA	Well Name MW-R7
Facility License, Permit or Monitoring Number	County Code 68	Wis. Unique Well Number
		DNR Well Number

1. Can this well be purged dry? Yes No

Well development method

surged with bailer and bailed	<input type="checkbox"/> 41
surged with bailer and pumped	<input type="checkbox"/> 61
surged with block and bailed	<input type="checkbox"/> 42
surged with block and pumped	<input type="checkbox"/> 62
surged with block, bailed and pumped	<input type="checkbox"/> 70
compressed air	<input type="checkbox"/> 20
bailed only	<input type="checkbox"/> 10
pumped only	<input checked="" type="checkbox"/> 51
pumped slowly	<input type="checkbox"/> 50
Other	<input type="checkbox"/>

2. Time spent developing well 80 min.

4. Depth of well (from top of well casing) 25.0 ft.

Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 5.9 gal.

7. Volume of water removed from well 12.0 gal.

Volume of water added (if any) gal.

9. Source of water added None 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. <u>18.66</u> ft.	<u>Dry</u> ft.
Date	b. <u>10/30/95</u> m m d d y y	<u>10/30/95</u> m m d d y y
Time	c. <u>1:40</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>3:00</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	<u> </u> inches	<u> </u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Brown, silty Chocolate milk appearance</u>	Clear <input type="checkbox"/> 20 Turbid <input checked="" type="checkbox"/> 25 (Describe) <u>Slightly cloudy- Brown</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	<u> </u> mg/l	<u> </u> mg/l
15. COD	<u> </u> mg/l	<u> </u> mg/l

Additional comments on development:
Well pumped dry 3 times.

Well developed by: Person's Name and Firm

Name: JEFFREY G. TRACY

Firm: ADVENT ENVIRONMENTAL SERVICES, INC.

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

Signature: Jeffrey G. Tracy

Print Initials: JGT

Firm: ADVENT ENVIRONMENTAL SERVICES, INC.

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

Facility/Project Name REBINDERS, INC.	Local Grid Location of Well ft. <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W	Well Name MW-R8
Facility License, Permit or Monitoring Number	Grid Origin Location Lat. _____ Long. _____ or St. Plane _____ ft. N. _____ ft. E.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location of Waste/Source NE 1/4 of NW 1/4 of Sec. 25, T. 7 N, R. 20 E W.	Date Well Installed 12/01/95 m m d d y y
Distance Well Is From Waste/Source Boundary ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By: (Person's Name and Firm) SAUTER DRILLING, INC.
Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

1. Protective pipe, top elevation _____ ft. MSL

2. Well casing, top elevation _____ ft. MSL

3. Land surface elevation _____ ft. MSL

4. Surface seal, bottom _____ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
GP GM GC GW SW SP
SM SC ML MH CL CH
Bedrock

3. Sieve analysis attached? Yes No

4. Drilling method used: Rotary 50
Hollow Stem Auger 41
Other

5. Drilling fluid used: Water 02 Air 01
Drilling Mud 03 None 99

6. Drilling additives used? Yes No
Describe _____

7. Source of water (attach analysis): _____

1. Cap and lock? Yes No

2. Protective cover pipe:
a. Inside diameter: 9.0 in.
b. Length: 1.0 ft.
c. Material: Steel 04
Other

d. Additional protection? Yes No
If yes, describe: Flush mount

3. Surface seal: Bentonite 30
Concrete 01
Other

4. Material between well casing and protective pipe:
Bentonite 30
Annular space seal

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. 0.68 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 & mesh size
a. Red Flint Sand (45-55)
b. Volume added 0.34 ft³

8. Filter pack material: Manufacturer, product name and mesh size
a. Red Flint Sand (30)
b. Volume added 3.74 ft³

9. Well casing: Flush threaded PVC schedule 40 23
Flush threaded PVC schedule 80 24
Other

10. Screen material: Schedule 40 PVC
a. Screen type: Factory cut 11
Continuous slot 01
Other

b. Manufacturer Timco
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None 14
Other

Bentonite seal, top _____ ft. MSL or 1.0 ft.

Fine sand, top _____ ft. MSL or 3.0 ft.

Filter pack, top _____ ft. MSL or 4.0 ft.

Screen joint, top _____ ft. MSL or 5.0 ft.

Well bottom _____ ft. MSL or 15.0 ft.

Filter pack, bottom _____ ft. MSL or 15.0 ft.

Borehole, bottom _____ ft. MSL or 15.0 ft.

Borehole, diameter 2.3 in.

O.D. well casing 2.30 in.

I.D. well casing 2.00 in.

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

Signature: _____ Firm: **Advent Environmental Services, Inc.**

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$100 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Route to: Solid Waste Haz. Waste Wastewater
Env. Response & Repair Underground Tanks Other

Facility/Project Name <u>RENDERS INC.</u>	County Name <u>WAUKESHA</u>	Well Name <u>MW-RB</u>
Facility License, Permit or Monitoring Number	County Code <u>68</u>	Wis. Unique Well Number
		DNR Well Number

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 34 min.

4. Depth of well (from top of well casing) 14.1 ft.

5. Inside diameter of well 2.00 in.

6. Volume of water in filter pack and well casing 3.6 gal.

7. Volume of water removed from well 9.0 gal.

8. Volume of water added (if any) 0 gal.

9. Source of water added N/A

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. <u>10.15</u> ft.	<u>Dry</u> ft.
Date	b. <u>12/01/95</u> m m d d y y	<u>12/01/95</u> m m d d y y
Time	c. <u>13:32</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>2:06</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.
12. Sediment in well bottom	<u>0</u> inches	<u>0</u> inches
13. Water clarity	Clear <input type="checkbox"/> 10 Turbid <input checked="" type="checkbox"/> 15 (Describe) <u>Dark brown, cloudy</u>	Clear <input checked="" type="checkbox"/> 20 Turbid <input type="checkbox"/> 25 (Describe) <u>Clear, slightly cloudy</u>
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	<u>---</u> mg/l	<u>---</u> mg/l
15. COD	<u>---</u> mg/l	<u>---</u> mg/l

6. Additional comments on development:
Well pumped dry 3 times.

Well developed by: Person's Name and Firm

Name: JEFFREY G. TRACY

Firm: ADVENT ENVIRONMENTAL SERVICES

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

Signature: [Signature]

Print Initials: JE

Firm: Advent Environmental Services, Inc.

NOTE: Shaded areas are for DNR use only. See instructions for more information including a list of county codes.

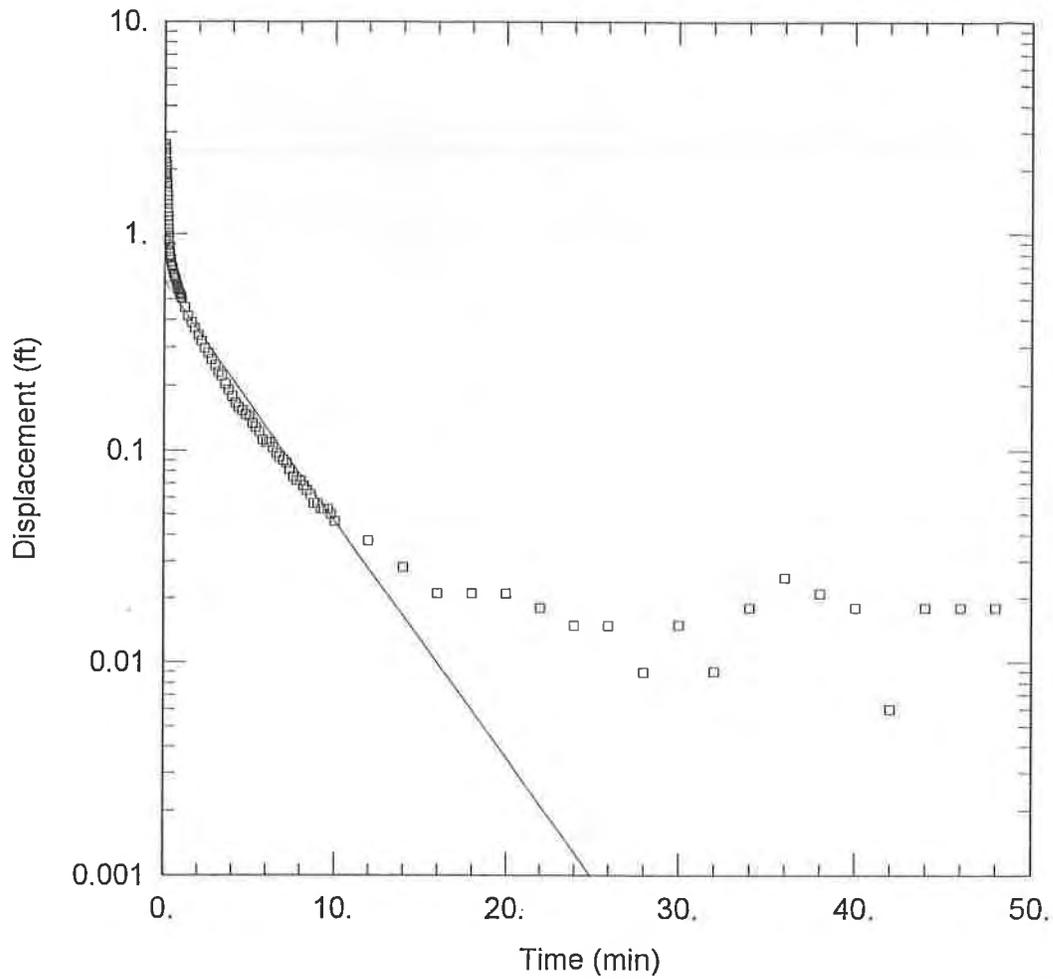
APPENDIX D

Slug Test Data and AQTESOLV Solutions

Hydraulic Conductivity (K) Conversion
 Slug Test Data - 3/18/97
 Reinders, Inc.

	Slug Test K (ft/min)	Converted K (cm/sec)
MW-R1A	8.38E-04	4.26E-04
MW-R5	5.03E-03	2.56E-03
MW-R7	1.63E-04	8.26E-05
MW-R8	6.26E-04	3.18E-04
Arithmetic Mean K	1.66E-03	8.46E-04
Geometric Mean K	8.09E-04	4.11E-04

$$\text{cm/sec} = \frac{(1 \text{ ft.}) * (12 \text{ in.}) * (2.54 \text{ cm.}) * (1 \text{ min.})}{(1 \text{ min.}) * (1 \text{ ft.}) * (1 \text{ in.}) * (60 \text{ sec})}$$



MW-R1A

Data Set: F:\JTRACY\PROJECTS\REINDERS\AST\INV-RAA\SLUGTEST\MWR1WIN.AQT

Date: 05/01/97

Time: 10:02:40

AQUIFER DATA

Saturated Thickness: 7.57 ft

Anisotropy Ratio (K_z/K_r): 1.

WELL DATA

Initial Displacement: 2.63 ft

Water Column Height: 7.57 ft

Casing Radius: 0.0833 ft

Wellbore Radius: 0.344 ft

Screen Length: 15. ft

Gravel Pack Porosity: 0.3

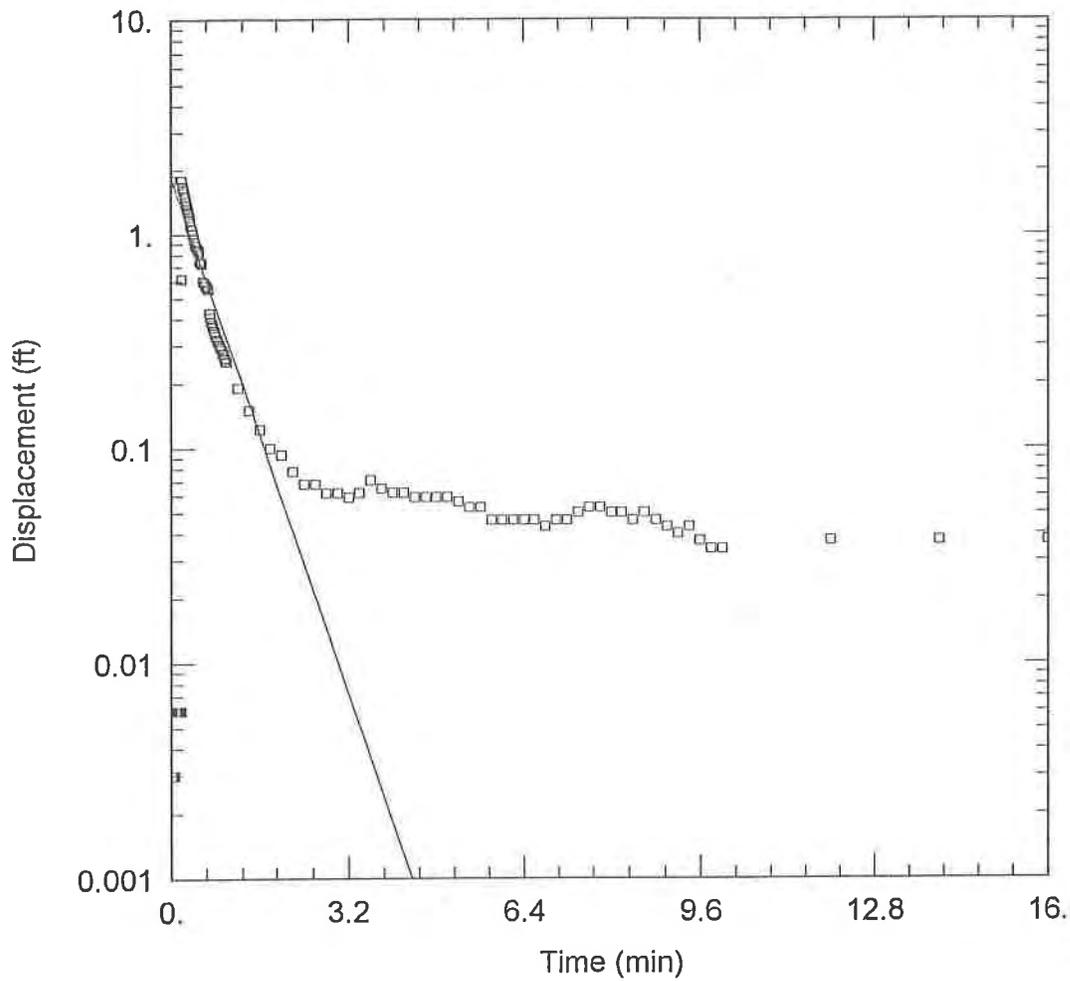
SOLUTION

Aquifer Model: Unconfined

$K = 0.0008382$ ft/min

Solution Method: Bouwer-Rice

$y_0 = 0.5978$ ft



MW-R5

Data Set: F:\JTRACY\PROJECTS\REINDERS\AST\INV-RAA\SLUGTEST\MWR5WIN.AQT
 Date: 05/01/97 Time: 10:02:16

AQUIFER DATA

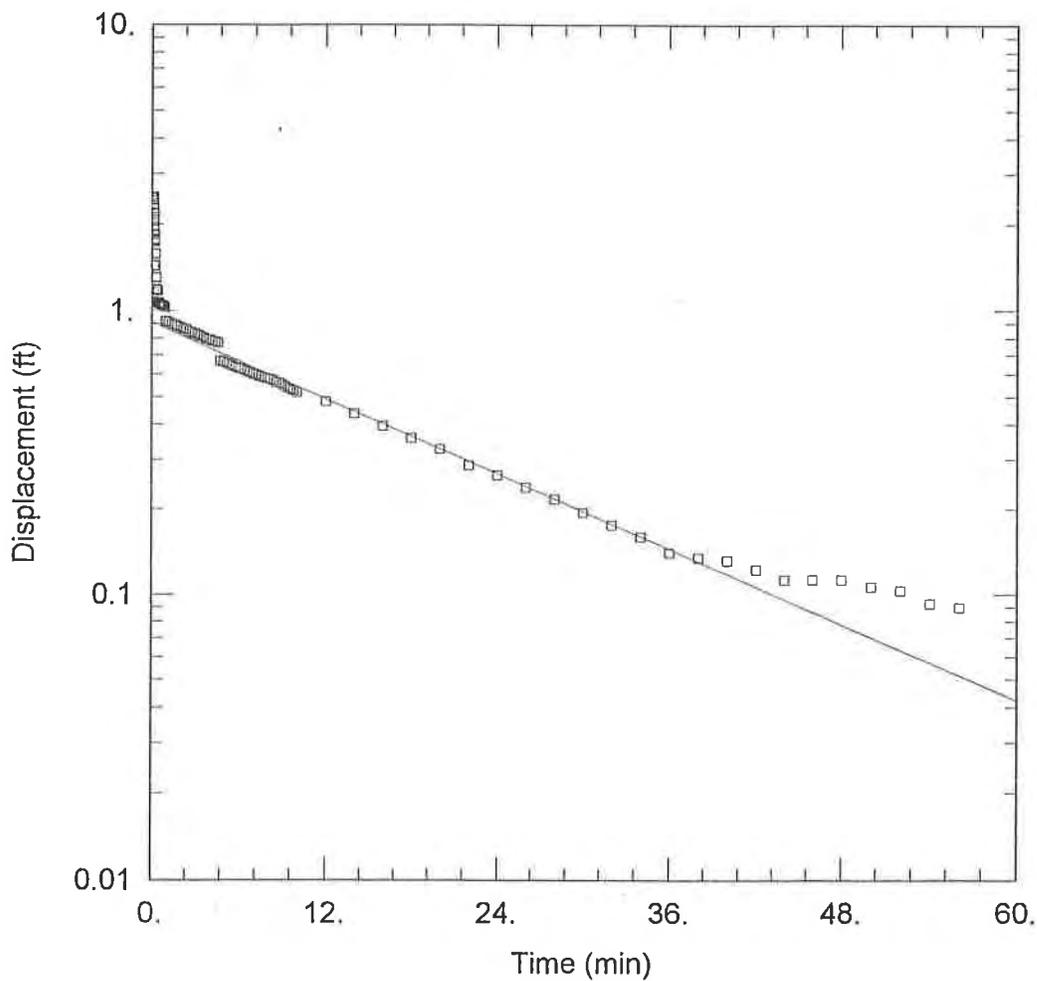
Saturated Thickness: 5.17 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 1.789 ft Water Column Height: 5.17 ft
 Casing Radius: 0.083 ft Wellbore Radius: 0.344 ft
 Screen Length: 15. ft Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined K = 0.005032 ft/min
 Solution Method: Bower-Rice y0 = 1.836 ft



MW-R7

Data Set: F:\JTRACY\PROJECTS\REINDERSVAST\INV-RAA\SLUGTEST\MWR7WIN.AQT
 Date: 05/01/97 Time: 10:03:06

AQUIFER DATA

Saturated Thickness: 6.83 ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 2.498 ft

Water Column Height: 6.83 ft

Casing Radius: 0.083 ft

Wellbore Radius: 0.344 ft

Screen Length: 15. ft

Gravel Pack Porosity: 0.3

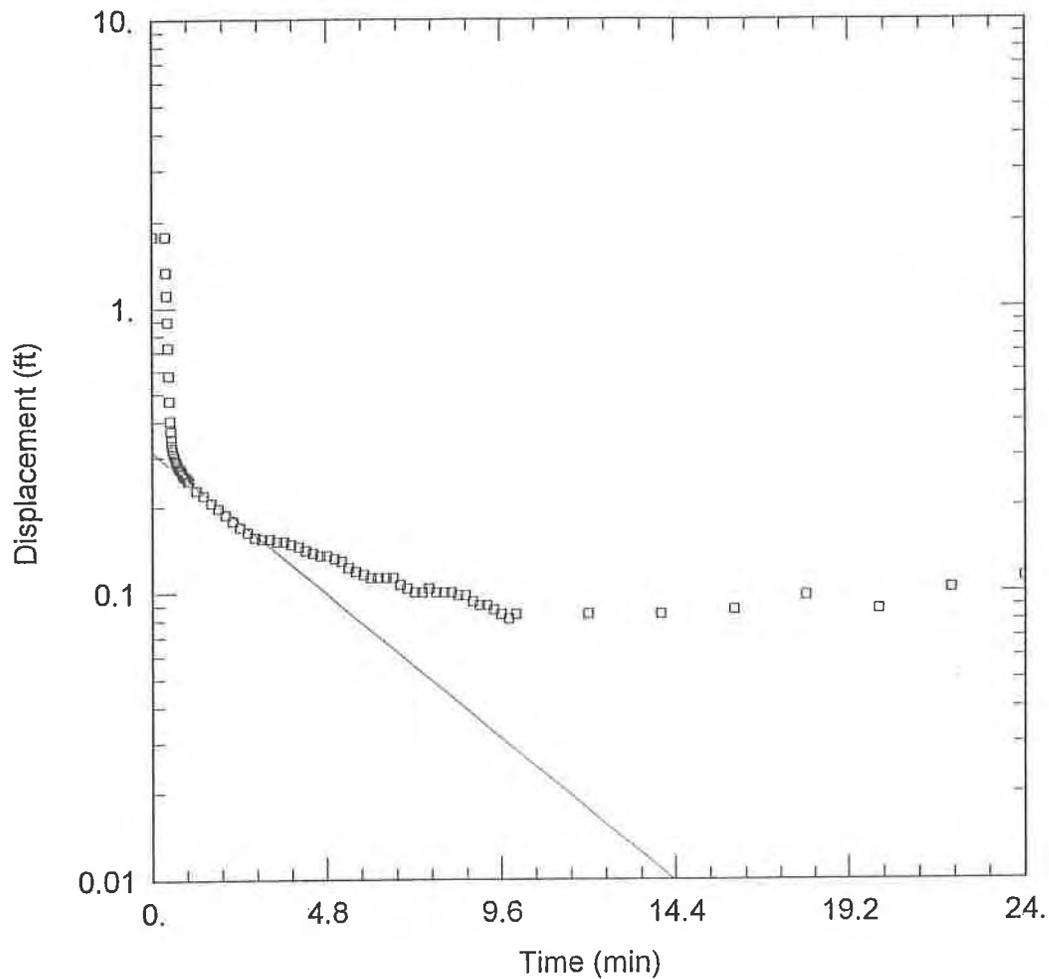
SOLUTION

Aquifer Model: Unconfined

K = 0.0001625 ft/min

Solution Method: Bouwer-Rice

y0 = 0.9119 ft



MW-R8

Data Set: F:\JTRACY\PROJECTS\REINDERS\AST\INV-RAA\SLUGTEST\MWR8WIN.AQT
 Date: 05/01/97 Time: 10:03:51

AQUIFER DATA

Saturated Thickness: 3.76 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 1.774 ft Water Column Height: 3.76 ft
 Casing Radius: 0.083 ft Wellbore Radius: 0.344 ft
 Screen Length: 15. ft Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined K = 0.0006264 ft/min
 Solution Method: Bower-Rice y0 = 0.3121 ft

SE2000
Environmental Logger
03/20 09:57

Unit# 2K-793 Test 7

Setups: *MW-RBA* *MW-RS*
INPUT 1 INPUT 2

Type	Level (F)	Level (F)
Mode	TOC	TOC
I.D.	255	254

Reference	0.000	0.000
PSI at Ref.	1.550	1.888
SG	1.000	1.000
Linearity	0.022	0.023
Scale factor	9.938	9.930
Offset	0.069	-0.013
Delay mSEC	50.000	50.000

Step 0 03/18 11:41:21

Elapsed Time	INPUT 1	INPUT 2
0.0000	0.003	0.003
0.0083	0.003	0.003
0.0166	0.003	0.003
0.0250	0.003	0.003
0.0333	0.003	0.003
0.0416	0.003	0.003
0.0500	0.003	0.003
0.0583	0.003	0.003
0.0666	0.003	0.003
0.0750	0.003	0.006
0.0833	0.003	0.006
0.0916	0.003	0.006
0.1000	0.003	0.006
0.1083	0.003	0.006
0.1166	0.003	0.006
0.1250	0.003	0.006
0.1333	0.003	0.006
0.1416	0.006	0.006
0.1500	0.006	0.006
0.1583	0.006	0.006
0.1666	0.003	0.006
0.1750	0.006	0.006
0.1833	0.006	0.006
0.1916	0.006	0.616
0.2000	0.006	1.789
0.2083	0.006	1.676
0.2166	0.006	1.655
0.2250	0.006	1.623
0.2333	0.003	1.604
0.2416	0.006	1.567
0.2500	0.003	1.526
0.2583	0.006	1.492

0.2666	0.003	1.457
0.2750	0.003	1.423
0.2833	0.003	1.389
0.2916	0.003	1.357
0.3000	0.003	1.326
0.3083	0.003	1.298
0.3166	0.003	1.267
0.3250	0.003	1.242
0.3333	0.003	1.213
0.3500	0.003	1.170
0.3666	1.774	1.098
0.3833	1.336	1.048
0.4000	1.108	1.007
0.4166	0.895	0.960
0.4333	0.726	0.919
0.4500	0.579	0.891
0.4666	0.472	0.872
0.4833	0.403	0.857
0.5000	0.369	0.844
0.5166	0.347	0.832
0.5333	0.331	0.744
0.5500	0.322	0.735
0.5666	0.316	0.725
0.5833	0.306	0.600
0.6000	0.300	0.594
0.6166	0.294	0.585
0.6333	0.291	0.575
0.6500	0.288	0.569
0.6666	0.284	0.560
0.6833	0.281	0.553
0.7000	0.278	0.425
0.7166	0.275	0.406
0.7333	0.272	0.391
0.7500	0.272	0.378
0.7666	0.269	0.366
0.7833	0.266	0.353
0.8000	0.266	0.344
0.8166	0.262	0.334
0.8333	0.259	0.322
0.8500	0.259	0.316
0.8666	0.256	0.306
0.8833	0.256	0.300
0.9000	0.253	0.294
0.9166	0.253	0.287
0.9333	0.253	0.278
0.9500	0.250	0.275
0.9666	0.247	0.265
0.9833	0.247	0.259
1.0000	0.247	0.253
1.2000	0.228	0.190
1.4000	0.219	0.150
1.6000	0.206	0.122
1.8000	0.197	0.100
2.0000	0.187	0.093
2.2000	0.178	0.078
2.4000	0.169	0.068
2.6000	0.162	0.068

2.8000	0.156	0.062
3.0000	0.153	0.062
3.2000	0.153	0.059
3.4000	0.150	0.062
3.6000	0.150	0.071
3.8000	0.147	0.065
4.0000	0.144	0.062
4.2000	0.140	0.062
4.4000	0.137	0.059
4.6000	0.134	0.059
4.8000	0.134	0.059
5.0000	0.131	0.059
5.2000	0.128	0.056
5.4000	0.122	0.053
5.6000	0.118	0.053
5.8000	0.115	0.046
6.0000	0.112	0.046
6.2000	0.112	0.046
6.4000	0.112	0.046
6.6000	0.112	0.046
6.8000	0.106	0.043
7.0000	0.103	0.046
7.2000	0.100	0.046
7.4000	0.100	0.050
7.6000	0.103	0.053
7.8000	0.100	0.053
8.0000	0.100	0.050
8.2000	0.100	0.050
8.4000	0.097	0.046
8.6000	0.097	0.050
8.8000	0.093	0.046
9.0000	0.090	0.043
9.2000	0.090	0.040
9.4000	0.087	0.043
9.6000	0.084	0.037
9.8000	0.081	0.034
10.0000	0.084	0.034
12.0000	0.084	0.037
14.0000	0.084	0.037
16.0000	0.087	0.037
18.0000	0.097	0.037
20.0000	0.087	0.025
22.0000	0.103	0.031
24.0000	0.112	0.031
26.0000	0.128	0.034
28.0000	0.147	0.031
30.0000	0.075	0.015
32.0000	0.112	0.025
34.0000	0.134	0.025

SE2000
Environmental Logger
03/20 09:48

Unit# 2K-793 Test 9

Setups: INPUT 1 *MW-121A*

Type Level (F)
Mode TOC
I.D. 1

Reference 0.000
PSI at Ref. 3.074
SG 1.000
Linearity 0.022
Scale factor 9.938
Offset 0.069
Delay mSEC 50.000

Step 0 03/18 14:23:56

Elapsed Time INPUT 1

0.0000 0.930
0.0083 2.518
0.0166 1.926
0.0250 2.630
0.0333 2.571
0.0416 2.477
0.0500 2.374
0.0583 2.286
0.0666 2.180
0.0750 2.117
0.0833 2.042
0.0916 1.989
0.1000 1.895
0.1083 1.851
0.1166 1.776
0.1250 1.713
0.1333 1.653

0.1416	1.581
0.1500	1.506
0.1583	1.437
0.1666	1.375
0.1750	1.312
0.1833	1.259
0.1916	1.202
0.2000	1.152
0.2083	1.105
0.2166	1.058
0.2250	1.014
0.2333	0.977
0.2416	0.942
0.2500	0.914
0.2583	0.889
0.2666	0.870
0.2750	0.855
0.2833	0.839
0.2916	0.827
0.3000	0.814
0.3083	0.805
0.3166	0.792
0.3250	0.783
0.3333	0.770
0.3500	0.754
0.3666	0.739
0.3833	0.726
0.4000	0.714
0.4166	0.704
0.4333	0.695
0.4500	0.686
0.4666	0.676
0.4833	0.670
0.5000	0.661
0.5166	0.654
0.5333	0.648
0.5500	0.639
0.5666	0.632
0.5833	0.626
0.6000	0.620
0.6166	0.614
0.6333	0.607

0.6500	0.601
0.6666	0.595
0.6833	0.588
0.7000	0.582
0.7166	0.579
0.7333	0.573
0.7500	0.567
0.7666	0.560
0.7833	0.557
0.8000	0.551
0.8166	0.548
0.8333	0.545
0.8500	0.538
0.8666	0.535
0.8833	0.532
0.9000	0.526
0.9166	0.523
0.9333	0.516
0.9500	0.513
0.9666	0.507
0.9833	0.504
1.0000	0.501
1.2000	0.457
1.4000	0.419
1.6000	0.391
1.8000	0.366
2.0000	0.341
2.2000	0.319
2.4000	0.297
2.6000	0.281
2.8000	0.263
3.0000	0.247
3.2000	0.231
3.4000	0.222
3.6000	0.203
3.8000	0.191
4.0000	0.178
4.2000	0.166
4.4000	0.159
4.6000	0.153
4.8000	0.147
5.0000	0.144

5.2000	0.134
5.4000	0.128
5.6000	0.122
5.8000	0.112
6.0000	0.109
6.2000	0.109
6.4000	0.103
6.6000	0.097
6.8000	0.093
7.0000	0.090
7.2000	0.087
7.4000	0.081
7.6000	0.075
7.8000	0.072
8.0000	0.072
8.2000	0.068
8.4000	0.065
8.6000	0.062
8.8000	0.056
9.0000	0.056
9.2000	0.053
9.4000	0.053
9.6000	0.053
9.8000	0.050
10.0000	0.046
12.0000	0.037
14.0000	0.028
16.0000	0.021
18.0000	0.021
20.0000	0.021
22.0000	0.018
24.0000	0.015
26.0000	0.015
28.0000	0.009
30.0000	0.015
32.0000	0.009
34.0000	0.018
36.0000	0.025
38.0000	0.021
40.0000	0.018
42.0000	0.006
44.0000	0.018

46.0000
48.0000

0.018
0.018

SE2000

Environmental Logger

03/20 09:55

Unit# 2K-793 Test 8

Setups: *MW-R2A* *MW-R3A*
 INPUT 1 INPUT 2

Type Level (F) Level (F)
Mode TOC TOC
I.D. 7 3

Reference 0.000 0.000
PSI at Ref. 2.606 0.483
SG 1.000 1.000
Linearity 0.022 0.023
Scale factor 9.938 9.930
Offset 0.069 -0.013
Delay mSEC 50.000 50.000

Step 0 03/18 13:01:16

Elapsed Time INPUT 1 INPUT 2

-----	-----	-----
0.0000	0.003	-0.006
0.0083	0.003	-0.006
0.0166	0.003	-0.006
0.0250	0.003	-0.006
0.0333	0.003	-0.006
0.0416	0.003	-0.006
0.0500	0.000	-0.006
0.0583	0.003	-0.006
0.0666	0.003	-0.006
0.0750	0.003	-0.006
0.0833	0.003	-0.006
0.0916	1.149	-0.003
0.1000	1.434	-0.003
0.1083	2.498	-0.006
0.1166	2.451	-0.006
0.1250	2.414	-0.003
0.1333	2.361	-0.003
0.1416	2.260	-0.003
0.1500	2.170	-0.006
0.1583	2.063	-0.003
0.1666	1.960	-0.003

0.1750	1.913	-0.003
0.1833	1.847	-0.003
0.1916	1.781	-0.003
0.2000	1.760	-0.003
0.2083	1.747	-0.003
0.2166	1.738	-0.003
0.2250	1.578	-0.003
0.2333	1.569	-0.003
0.2416	1.434	-0.003
0.2500	1.431	-0.003
0.2583	1.424	-0.003
0.2666	1.424	-0.003
0.2750	1.305	-0.003
0.2833	1.302	-0.003
0.2916	1.299	-0.006
0.3000	1.296	-0.006
0.3083	1.186	-0.003
0.3166	1.183	-0.003
0.3250	1.183	-0.006
0.3333	1.180	-0.006
0.3500	1.177	-0.006
0.3666	1.174	-0.006
0.3833	1.174	-0.006

0.4000	1.171	-0.006
0.4166	1.058	-0.006
0.4333	1.064	-0.006
0.4500	1.061	-0.006
0.4666	1.061	-0.006
0.4833	1.058	-0.006
0.5000	1.058	-0.003
0.5166	1.055	-0.003
0.5333	1.055	-0.006
0.5500	1.052	-0.003
0.5666	1.052	-0.003
0.5833	1.049	-0.006
0.6000	1.049	-0.006
0.6166	1.046	-0.006
0.6333	1.046	-0.006
0.6500	1.042	-0.006
0.6666	1.042	-0.003
0.6833	1.042	-0.003
0.7000	1.042	-0.003
0.7166	1.039	-0.003
0.7333	1.039	-0.003
0.7500	1.039	-0.003
0.7666	1.036	-0.003

0.7833	1.036	-0.003
0.8000	1.033	-0.006
0.8166	1.033	-0.006
0.8333	1.033	0.018
0.8500	1.030	-0.003
0.8666	1.030	0.015
0.8833	1.027	0.000
0.9000	1.027	0.000
0.9166	1.027	0.000
0.9333	1.024	0.000
0.9500	0.920	0.000
0.9666	0.920	0.000
0.9833	0.920	0.000
1.0000	0.920	-0.003
1.2000	0.908	0.597
1.4000	0.898	-0.885
1.6000	0.889	-0.497
1.8000	0.883	-0.541
2.0000	0.873	-0.556
2.2000	0.864	-0.566
2.4000	0.858	-0.572
2.6000	0.848	-0.578
2.8000	0.839	-0.584

3.0000	0.829	-0.584
3.2000	0.823	-0.587
3.4000	0.814	-0.591
3.6000	0.804	-0.600
3.8000	0.798	-0.603
4.0000	0.792	-0.603
4.2000	0.786	-0.609
4.4000	0.779	-0.609
4.6000	0.773	-0.609
4.8000	0.670	-0.609
5.0000	0.663	-0.616
5.2000	0.657	-0.616
5.4000	0.648	-0.619
5.6000	0.642	-0.619
5.8000	0.635	-0.619
6.0000	0.629	-0.622
6.2000	0.626	-0.622
6.4000	0.620	-0.625
6.6000	0.613	-0.628
6.8000	0.607	-0.631
7.0000	0.601	-0.628
7.2000	0.598	-0.631
7.4000	0.591	-0.631

7.6000	0.588	-0.631
7.8000	0.582	-0.634
8.0000	0.579	-0.634
8.2000	0.576	-0.637
8.4000	0.570	-0.634
8.6000	0.563	-0.634
8.8000	0.560	-0.634
9.0000	0.554	-0.637
9.2000	0.544	-0.641
9.4000	0.538	-0.641
9.6000	0.532	-0.644
9.8000	0.526	-0.644
10.0000	0.519	-0.641
12.0000	0.482	-0.653
14.0000	0.435	-0.656
16.0000	0.394	-0.656
18.0000	0.357	-0.672
20.0000	0.325	-0.662
22.0000	0.285	-0.669
24.0000	0.263	-0.672
26.0000	0.238	-0.669
28.0000	0.216	-0.672
30.0000	0.194	-0.675

32.0000	0.175	-0.672
34.0000	0.159	-0.675
36.0000	0.140	-0.681
38.0000	0.134	-0.678
40.0000	0.131	-0.681
42.0000	0.122	-0.675
44.0000	0.112	-0.681
46.0000	0.112	2.525
48.0000	0.112	2.525
50.0000	0.106	2.525
52.0000	0.103	2.525
54.0000	0.093	2.525
56.0000	0.090	2.525

APPENDIX E

Laboratory Reports and Chain of Custody Documentation

Date: October 17, 1995

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

Project: #950227.01, Reinder's Inc.

Enclosed are the results from 25 soil samples and 1 liquid sample received at Great Lakes Analytical on October 10, 1995. The requested analyses are listed below:

SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
5100618	Soil: GP-1 :S-4	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100619	Soil: GP-1 :S-6	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100620	Soil: GP-2: S-3	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100621	Soil: GP-2 :S-5	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100622	Soil: GP-3 :S-1	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100623	Soil: GP-3: S-5	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO

SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
5100624	Soil: GP-3 :S-7	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100625	Soil: GP-4 :S-7	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100626	Soil: GP-4: S-8	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100627	Soil: GP-5 :S-6	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100628	Soil: GP-5 :S-9	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100629	Soil: GP-6: S-2	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100630	Soil: GP-6: S-5	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100631	Soil: GP-7: S-3	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO

SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
5100632	Soil: GP-8: S-3	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100633	Soil: GP-7: S-6	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100634	Soil: GP-8: S-4	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100635	Soil: GP-9: S-2	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100636	Soil: GP-9: S-4	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100637	Soil: GP-10: S-2	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100638	Soil: GP-10: S-4	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO

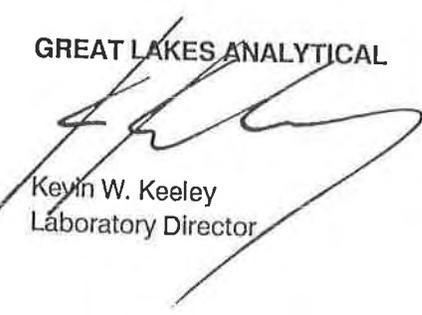
SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
5100639	Soil: GP-11: S-4	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100640	Soil: GP-12: S-3	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100641	Soil: GP-12: S-5	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100642	Soil: GP-13: S-3	10/9/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5100643	Liquid: Methanol Blank	10/9/95	WDNR GRO

This report may not be reproduced, except in full, without the written approval of the laboratory.

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

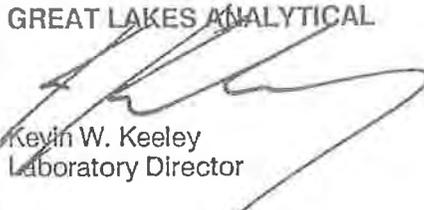
Client Project ID: #950227.01, Reinder's Inc.
Sample Descript: Soil
Analysis for: Percent Solids, EPA 160.3
First Sample #: 510-0618

Sampled: Oct 9, 1995
Received: Oct 10, 1995
Analyzed: Oct 13, 1995
Reported: Oct 17, 1995

LABORATORY ANALYSIS FOR: Percent Solids, EPA 160.3

Sample Number	Sample Description	Detection Limit %	Sample Result %
510-0618	GP-1: S-4	0.10	88
510-0619	GP-1: S-6	0.10	91
510-0620	GP-2: S-3	0.10	82
510-0621	GP-2: S-5	0.10	91
510-0622	GP-3: S-1	0.10	92
510-0623	GP-3: S-5	0.10	94
510-0624	GP-3: S-7	0.10	90
510-0625	GP-4: S-7	0.10	83
510-0626	GP-4: S-8	0.10	87
510-0627	GP-5: S-6	0.10	89
510-0628	GP-5: S-9	0.10	83

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

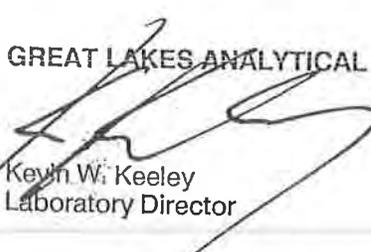
Client Project ID: #950227.01, Reinder's Inc.
Sample Descript: Soil
Analysis for: Percent Solids, EPA 160.3
First Sample #: 510-0629

Sampled: Oct 9, 1995
Received: Oct 10, 1995
Analyzed: Oct 13, 1995
Reported: Oct 17, 1995

LABORATORY ANALYSIS FOR: Percent Solids, EPA 160.3

Sample Number	Sample Description	Detection Limit %	Sample Result %
510-0629	GP-6: S-2	0.10	80
510-0630	GP-6: S-5	0.10	90
510-0631	GP-7: S-3	0.10	83
510-0632	GP-8: S-3	0.10	92
510-0633	GP-7: S-6	0.10	89
510-0634	GP-8: S-4	0.10	81
510-0635	GP-9: S-2	0.10	62
510-0636	GP-9: S-4	0.10	85
510-0637	GP-10: S-2	0.10	85
510-0638	GP-10: S-4	0.10	85
510-0639	GP-11: S-4	0.10	85

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

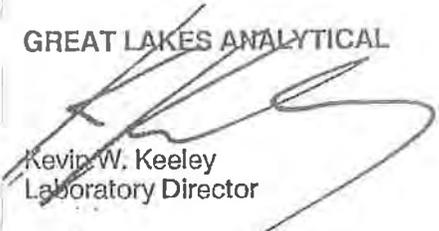
Client Project ID: #950227.01, Reinder's Inc.
Sample Descript: Soil
Analysis for: Percent Solids, EPA 160.3
First Sample #: 510-0640

Sampled: Oct 9, 1995
Received: Oct 10, 1995
Analyzed: Oct 13, 1995
Reported: Oct 17, 1995

LABORATORY ANALYSIS FOR: Percent Solids, EPA 160.3

Sample Number	Sample Description	Detection Limit %	Sample Result %
510-0640	GP-12: S-3	0.10	81
510-0641	GP-12: S-5	0.10	89
510-0642	GP-13: S-3	0.10	92

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: #950227.01, Reinder's Inc.
Sample Descript: Soil
Analysis for: Lead, EPA 3050/7421
First Sample #: 510-0618

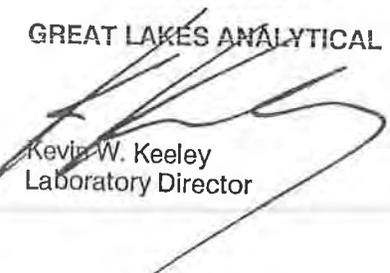
Sampled: Oct 9, 1995
Received: Oct 10, 1995
Analyzed: Oct 13, 1995
Reported: Oct 17, 1995

LABORATORY ANALYSIS FOR: Lead, EPA 3050/7421

Sample Number	Sample Description	Detection Limit mg/kg Dry Weight	Sample Result mg/kg Dry Weight
510-0618	GP-1: S-4	0.28	6.7
510-0619	GP-1: S-6	0.27	6.4
510-0620	GP-2: S-3	0.30	9.4
510-0621	GP-2: S-5	0.27	5.5
510-0622	GP-3: S-1	0.27	5.5
510-0623	GP-3: S-5	0.27	6.0
510-0624	GP-3: S-7	0.28	6.4
510-0625	GP-4: S-7	0.30	8.5
510-0626	GP-4: S-8	0.29	2.7
510-0627	GP-5: S-6	0.28	7.8
510-0628	GP-5: S-9	0.30	3.0

Because matrix effects and / or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: #950227.01, Reinder's Inc.
Sample Descript: Soil
Analysis for: Lead, EPA 3050/7421
First Sample #: 510-0629

Sampled: Oct 9, 1995
Received: Oct 10, 1995
Analyzed: Oct 13, 1995
Reported: Oct 17, 1995

LABORATORY ANALYSIS FOR: Lead, EPA 3050/7421

Sample Number	Sample Description	Detection Limit mg/kg Dry Weight	Sample Result mg/kg Dry Weight
510-0629	GP-6: S-2	0.31	15
510-0630	GP-6: S-5	0.28	8.9
510-0631	GP-7: S-3	0.30	12
510-0632	GP-8: S-3	0.27	6.6
510-0633	GP-7: S-6	0.28	8.3
510-0634	GP-8: S-4	0.31	10
510-0635	GP-9: S-2	0.40	13
510-0636	GP-9: S-4	0.29	5.9
510-0637	GP-10: S-2	0.29	20
510-0638	GP-10: S-4	0.29	9.6
510-0639	GP-11: S-4	0.29	3.8

Because matrix effects and / or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: #950227.01, Reinder's Inc.
Sample Descript: Soil
Analysis for: Lead, EPA 3050/7421
First Sample #: 510-0640

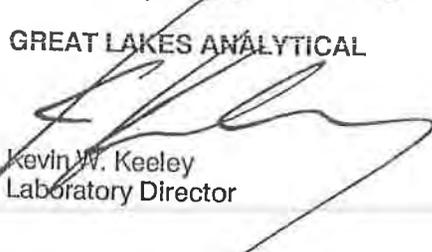
Sampled: Oct 9, 1995
Received: Oct 10, 1995
Analyzed: Oct 13, 1995
Reported: Oct 17, 1995

LABORATORY ANALYSIS FOR: Lead, EPA 3050/7421

Sample Number	Sample Description	Detection Limit mg/kg Dry Weight	Sample Result mg/kg Dry Weight
510-0640	GP-12: S-3	0.62	11
510-0641	GP-12: S-5	0.28	7.1
510-0642	GP-13: S-3	0.27	4.6

Because matrix effects and / or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Matrix Descript: Soil
 Analysis Method: WDNR DRO
 First Sample #: 510-0618

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Extracted: Oct 11, 1995
 Analyzed: Oct 14-17, 1995
 Reported: Oct 17, 1995

DIESEL RANGE ORGANICS

Sample Number	Sample Description	Detection Limit mg/kg, Dry Weight (ppm)	High B.P. Hydrocarbons mg/kg, Dry Weight (ppm)	Chromatogram Description
510-0618	GP-1: S-4	5.7	N.D.	----
510-0619	GP-1: S-6	5.5	N.D.	----
510-0620	GP-2: S-3	6.1	N.D.	----
510-0621	GP-2: S-5	5.4	N.D.	----
510-0622	GP-3: S-1	6.1	7.3	Non diesel pattern, late elevated baseline
510-0623	GP-3: S-5	5.3	11	Non diesel pattern, elevated baseline, diesel range
510-0624	GP-3: S-7	5.6	6.0	Non diesel pattern, elevated baseline, diesel range
510-0625	GP-4: S-7	6.0	N.D.	----
510-0626	GP-4: S-8	5.7	N.D.	----
510-0627	GP-5: S-6	28	380	Non diesel pattern, elevated baseline, diesel range

High Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance, July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Matrix Descript: Soil
 Analysis Method: WDNR DRO
 First Sample #: 510-0628

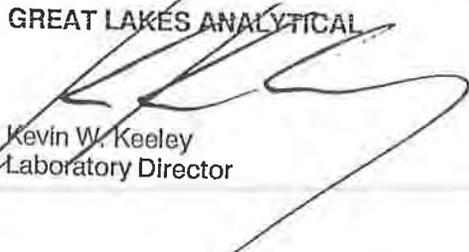
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Extracted: Oct 11, 1995
 Analyzed: Oct 14-17, 1995
 Reported: Oct 17, 1995

DIESEL RANGE ORGANICS

Sample Number	Sample Description	Detection Limit mg/kg, Dry Weight (ppm)	High B.P. Hydrocarbons mg/kg, Dry Weight (ppm)	Chromatogram Description
510-0628	GP-5: S-9	6.0	110	Non diesel pattern, elevated baseline, diesel range
510-0629	GP-6: S-2	120	950	Diesel pattern
510-0630	GP-6: S-5	5.6	N.D.	---
510-0631	GP-7: S-3	6.0	6.1	Non diesel pattern, late elevated baseline
510-0632	GP-8: S-3	5.4	5.9	Non diesel pattern, late elevated baseline
510-0633	GP-7: S-6	5.6	N.D.	---
510-0634	GP-8: S-4	6.2	N.D.	---
510-0635	GP-9: S-2	8.1	N.D.	---
510-0636	GP-9: S-4	5.9	N.D.	---
510-0637	GP-10: S-2	5.9	590	Diesel pattern

High Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance, July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Matrix Descript: Soil
 Analysis Method: WDNR DRO
 First Sample #: 510-0638

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Extracted: Oct 11, 1995
 Analyzed: Oct 14-17, 1995
 Reported: Oct 17, 1995

DIESEL RANGE ORGANICS

Sample Number	Sample Description	Detection Limit mg/kg, Dry Weight (ppm)	High B.P. Hydrocarbons mg/kg, Dry Weight (ppm)	Chromatogram Description
510-0638	GP-10: S-4	5.9	N.D.	----
510-0639	GP-11: S-4	5.9	N.D.	----
510-0640	GP-12: S-3	6.2	N.D.	----
510-0641	GP-12: S-5	5.6	N.D.	----
510-0642	GP-13: S-3	5.4	N.D.	----

High Bolling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance, July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: #950227.01, Reinder's Inc.
Matrix Descript: Soil
Analysis Method: WDNR GRO
First Sample #: 510-0618

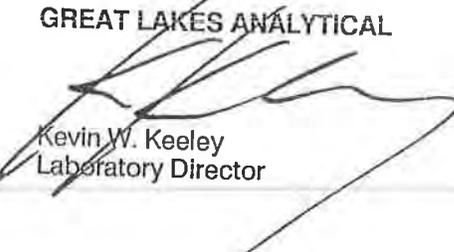
Sampled: Oct 9, 1995
Received: Oct 10, 1995
Analyzed: Oct 13-17, 1995
Reported: Oct 17, 1995

GASOLINE RANGE ORGANICS

Sample Number	Sample Description	Detection Limit mg/kg, Dry Weight (ppm)	Low/Medium B.P. Hydrocarbons mg/kg, Dry Weight (ppm)	Chromatogram Description
510-0618	GP-1: S-4	1.1	N.D.	---
510-0619	GP-1: S-6	1.1	N.D.	---
510-0620	GP-2: S-3	1.2	N.D.	---
510-0621	GP-2: S-5	1.1	N.D.	---
510-0622	GP-3: S-1	1.1	N.D.	---
510-0623	GP-3: S-5	4.2	45	Late gas range, elevated baseline
510-0624	GP-3: S-7	1.1	1.3	Gas range, elevated late peaks
510-0625	GP-4: S-7	1.2	N.D.	---
510-0626	GP-4: S-8	1.2	N.D.	---
510-0627	GP-5: S-6	22	290	Late gas range, late peaks, elevated baseline

Low to Medium Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Matrix Descript: Soil
 Analysis Method: WDNR GRO
 First Sample #: 510-0628

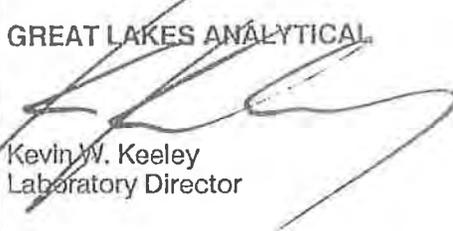
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16-17, 1995
 Reported: Oct 17, 1995

GASOLINE RANGE ORGANICS

Sample Number	Sample Description	Detection Limit mg/kg, Dry Weight (ppm)	Low/Medium B.P. Hydrocarbons mg/kg, Dry Weight (ppm)	Chromatogram Description
510-0628	GP-5: S-9	60	770	Late gas range, late peaks, elevated baseline
510-0629	GP-6: S-2	13	150	Late gas range, late peaks, elevated baseline
510-0630	GP-6: S-5	1.1	N.D.	----
510-0631	GP-7: S-3	1.2	N.D.	----
510-0632	GP-8: S-3	1.1	11	Early gas range
510-0633	GP-7: S-6	1.1	7.7	Early gas range
510-0634	GP-8: S-4	1.2	N.D.	----
510-0635	GP-9: S-2	1.6	N.D.	----
510-0636	GP-9: S-4	1.2	N.D.	----
510-0637	GP-10: S-2	120	540	Late gas range, late peaks elevated baseline

Low to Medium Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Matrix Descript: Soil
 Analysis Method: WDNR GRO
 First Sample #: 510-0638

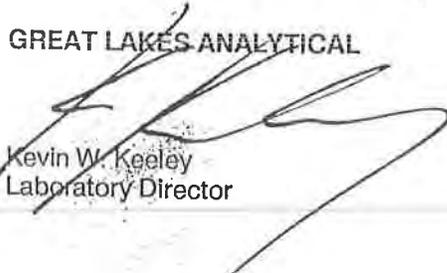
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

GASOLINE RANGE ORGANICS

Sample Number	Sample Description	Detection Limit mg/kg, Dry Weight (ppm)	Low/Medium B.P. Hydrocarbons mg/kg, Dry Weight (ppm)	Chromatogram Description
510-0638	GP-10: S-4	1.2	N.D.	---
510-0639	GP-11: S-4	1.2	5.0	Late gas range, late peaks elevated baseline
510-0640	GP-12: S-3	1.2	N.D.	---
510-0641	GP-12: S-5	1.1	2.5	Late gas range, late peaks, elevated baseline
510-0642	GP-13: S-3	1.1	1.6	Late gas range, late peaks, elevated baseline

Low to Medium Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Matrix Descript: Liquid
 Analysis Method: WDNR GRO
 First Sample #: 510-0643

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

GASOLINE RANGE ORGANICS

Sample Number	Sample Description	Detection Limit $\mu\text{g/L}$ (ppb)	Low/Medium B.P. Hydrocarbons $\mu\text{g/L}$ (ppb)	Chromatogram Description
510-0643	Methanol Blank	1,000	N.D.	----

Low to Medium Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-1 :S-4
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0618

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	68
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-1 :S-4
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0618

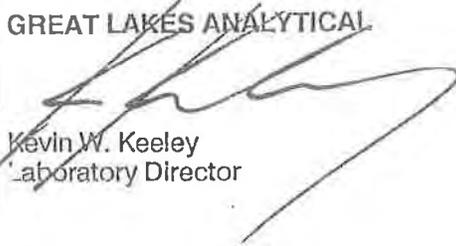
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-1 :S-6
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0619

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	260
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-1 :S-6
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0619

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	530
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-2 :S-3
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0620

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-2 :S-3
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0620

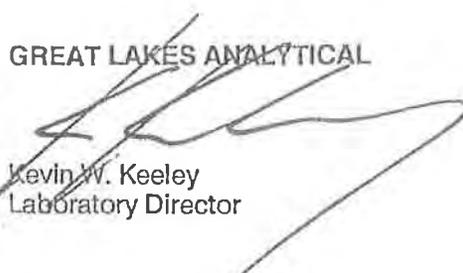
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-2 :S-5
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0621

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit $\mu\text{g}/\text{kg}$	Practical Quantitation Limit $\mu\text{g}/\text{kg}$	WDNR Reporting Limit $\mu\text{g}/\text{kg}$ Wet Weight	Sample Results $\mu\text{g}/\text{kg}$ Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-2 :S-5
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0621

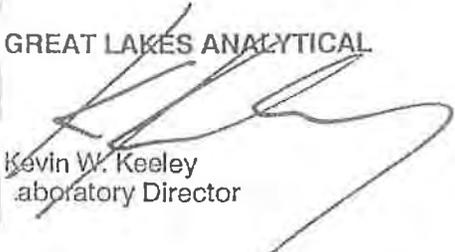
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	29
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-3 :S-1
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0622

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-3 :S-1
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0622

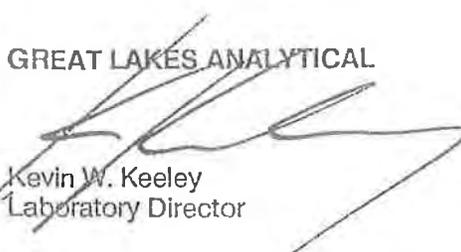
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-3 :S-5
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0623

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	260
sec-Butylbenzene.....	1.0	3.3	25	120
tert-Butylbenzene.....	0.80	2.6	25	56
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	120

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-3 :S-5
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0623

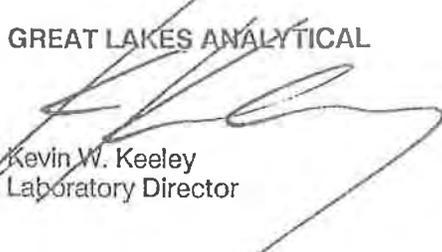
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quanitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	44
p-Isopropyltoluene.....	2.3	7.2	25	98
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	74
n-Propylbenzene.....	0.76	2.4	25	270
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	1,700
1,3,5-Trimethylbenzene.....	0.56	1.8	25	150
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	160

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: #950227.01, Reinder's Inc.
Sample Descript: Soil: GP-3 :S-7
Analysis Method: EPA 5030/8021
Lab Number: 510-0624

Sampled: Oct 9, 1995
Received: Oct 10, 1995
Analyzed: Oct 16, 1995
Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-3 :S-7
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0624

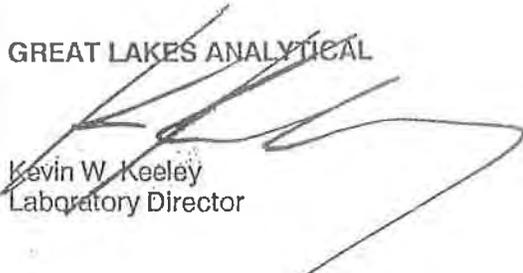
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	68
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	87
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	46
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	150

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-4 :S-7
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0625

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-4 :S-7
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0625

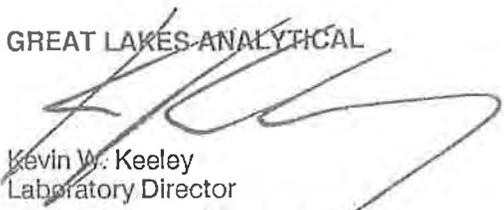
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-4 :S-8
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0626

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit $\mu\text{g}/\text{kg}$	Practical Quantitation Limit $\mu\text{g}/\text{kg}$	WDNR Reporting Limit $\mu\text{g}/\text{kg}$ Wet Weight	Sample Results $\mu\text{g}/\text{kg}$ Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-4 :S-8
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0626

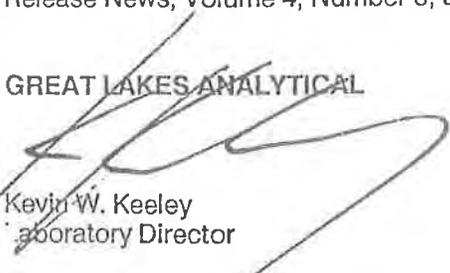
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	32
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	57
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-5 :S-6
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0627

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit $\mu\text{g}/\text{kg}$	Practical Quantitation Limit $\mu\text{g}/\text{kg}$	WDNR Reporting Limit $\mu\text{g}/\text{kg}$ Wet Weight	Sample Results $\mu\text{g}/\text{kg}$ Dry Weight
Benzene.....	0.51	1.6	200	N.D.
Bromobenzene.....	0.34	1.1	200	N.D.
Bromodichloromethane.....	1.1	3.5	200	N.D.
n-Butylbenzene.....	2.2	7.0	200	N.D.
sec-Butylbenzene.....	1.0	3.3	200	N.D.
tert-Butylbenzene.....	0.80	2.6	200	N.D.
Carbon tetrachloride.....	2.2	7.0	200	N.D.
Chlorobenzene.....	0.31	1.0	200	N.D.
Chloroethane.....	2.3	7.4	200	N.D.
Chloroform.....	1.4	4.4	200	N.D.
Chloromethane.....	4.1	13	200	N.D.
2-Chlorotoluene.....	0.64	2.1	200	N.D.
4-Chlorotoluene.....	0.87	2.8	200	N.D.
Dibromochloromethane.....	0.98	3.1	200	N.D.
1,2-Dibromo-3-chloropropane..	3.2	10	200	N.D.
1,2-Dibromoethane.....	1.0	3.3	200	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	200	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	200	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	200	N.D.
Dichlorodifluoromethane.....	0.85	2.7	200	N.D.
1,1-Dichloroethane.....	1.1	3.4	200	N.D.
1,2-Dichloroethane.....	1.1	3.4	200	N.D.
1,1-Dichloroethene.....	2.0	6.3	200	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	200	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	200	N.D.
1,2-Dichloropropane.....	1.1	3.5	200	N.D.
1,3-Dichloropropane.....	0.78	2.5	200	N.D.
2,2-Dichloropropane.....	1.9	5.9	200	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	200	N.D.
Ethyl Benzene.....	0.49	1.6	200	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-5 :S-6
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0627

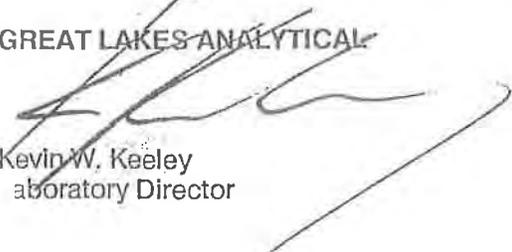
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	200	N.D.
Isopropylbenzene.....	1.3	4.3	200	540
o-Isopropyltoluene.....	2.3	7.2	200	850
Methylene chloride.....	0.97	3.1	800	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	200	N.D.
Naphthalene.....	3.0	9.6	200	3,600
m-Propylbenzene.....	0.76	2.4	200	760
1,1,2,2-Tetrachloroethane.....	0.33	1.1	200	N.D.
Tetrachloroethene.....	1.8	5.7	200	N.D.
Toluene.....	0.44	1.4	200	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	200	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	200	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	200	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	200	N.D.
Trichloroethene.....	0.93	3.0	200	N.D.
Trichlorofluoromethane.....	2.0	6.4	200	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	200	2,800
1,3,5-Trimethylbenzene.....	0.56	1.8	200	N.D.
Vinyl chloride.....	1.8	5.7	200	N.D.
Total Xylenes.....	0.38	1.2	200	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-5 :S-9
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0628

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	500	N.D.
Bromobenzene.....	0.34	1.1	500	N.D.
Bromodichloromethane.....	1.1	3.5	500	N.D.
n-Butylbenzene.....	2.2	7.0	500	N.D.
sec-Butylbenzene.....	1.0	3.3	500	N.D.
tert-Butylbenzene.....	0.80	2.6	500	N.D.
Carbon tetrachloride.....	2.2	7.0	500	N.D.
Chlorobenzene.....	0.31	1.0	500	N.D.
Chloroethane.....	2.3	7.4	500	N.D.
Chloroform.....	1.4	4.4	500	N.D.
Chloromethane.....	4.1	13	500	N.D.
2-Chlorotoluene.....	0.64	2.1	500	N.D.
4-Chlorotoluene.....	0.87	2.8	500	N.D.
Dibromochloromethane.....	0.98	3.1	500	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	500	N.D.
1,2-Dibromoethane.....	1.0	3.3	500	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	500	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	500	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	500	N.D.
Dichlorodifluoromethane.....	0.85	2.7	500	N.D.
1,1-Dichloroethane.....	1.1	3.4	500	N.D.
1,2-Dichloroethane.....	1.1	3.4	500	N.D.
1,1-Dichloroethene.....	2.0	6.3	500	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	500	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	500	N.D.
1,2-Dichloropropane.....	1.1	3.5	500	N.D.
1,3-Dichloropropane.....	0.78	2.5	500	N.D.
2,2-Dichloropropane.....	1.9	5.9	500	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	500	N.D.
Ethyl Benzene.....	0.49	1.6	500	960

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

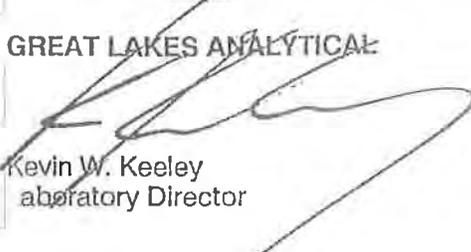
 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-5 :S-9
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0628

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	500	N.D.
Isopropylbenzene.....	1.3	4.3	500	4,000
o-Isopropyltoluene.....	2.3	7.2	500	3,700
Methylene chloride.....	0.97	3.1	2,000	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	500	N.D.
Napthalene.....	3.0	9.6	500	25,000
n-Propylbenzene.....	0.76	2.4	500	4,000
1,1,2,2-Tetrachloroethane.....	0.33	1.1	500	N.D.
Tetrachloroethene.....	1.8	5.7	500	N.D.
Toluene.....	0.44	1.4	500	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	500	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	500	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	500	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	500	N.D.
Trichloroethene.....	0.93	3.0	500	N.D.
Trichlorofluoromethane.....	2.0	6.4	500	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	500	5,100
1,3,5-Trimethylbenzene.....	0.56	1.8	500	N.D.
Vinyl chloride.....	1.8	5.7	500	N.D.
Total Xylenes.....	0.38	1.2	500	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-6 :S-2
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0629

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	380
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	140
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-6 :S-2
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0629

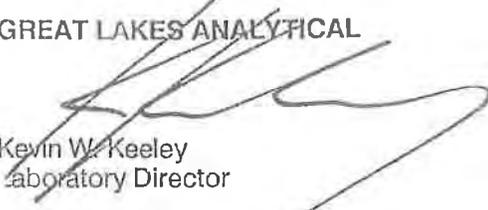
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	1,100
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	94
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-6 :S-5
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0630

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

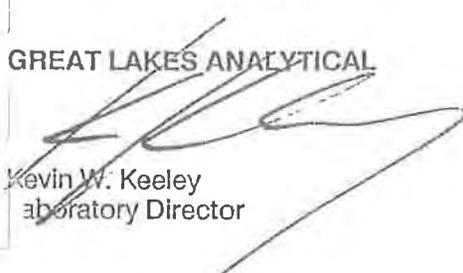
 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-6 :S-5
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0630

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-7 :S-3
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0631

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-7 :S-3
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0631

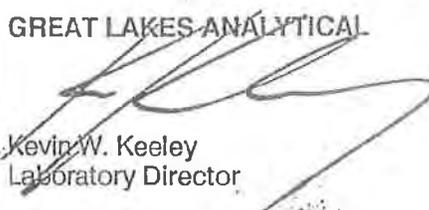
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-8 :S-3
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0632

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-8 :S-3
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0632

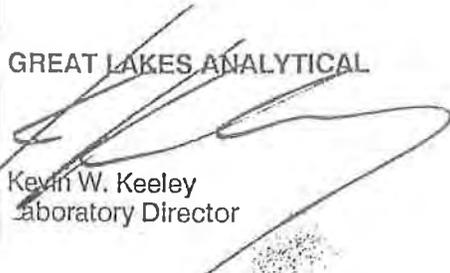
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	39
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	92
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-7 :S-6
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0633

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-7 :S-6
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0633

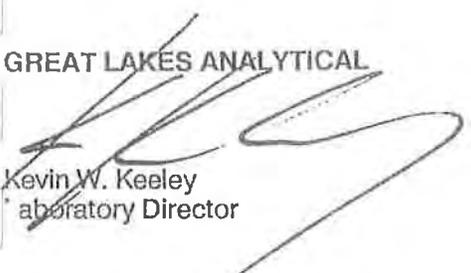
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
o-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Naphthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-8 :S-4
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0634

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-8 :S-4
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0634

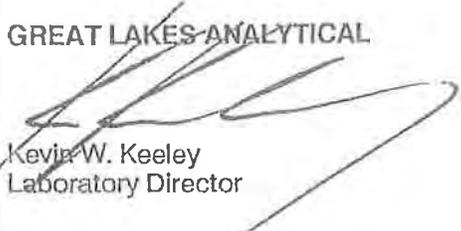
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit $\mu\text{g}/\text{kg}$	Practical Quantitation Limit $\mu\text{g}/\text{kg}$	WDNR Reporting Limit $\mu\text{g}/\text{kg}$ Wet Weight	Sample Results $\mu\text{g}/\text{kg}$ Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-9 :S-2
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0635

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-9 :S-2
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0635

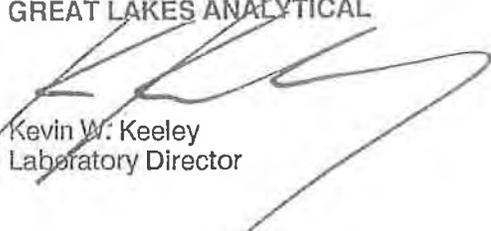
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-9 :S-4
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0636

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit $\mu\text{g}/\text{kg}$	Practical Quantitation Limit $\mu\text{g}/\text{kg}$	WDNR Reporting Limit $\mu\text{g}/\text{kg}$ Wet Weight	Sample Results $\mu\text{g}/\text{kg}$ Dry Weight
Benzene.....	0.51	1.6	25	58
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-9 :S-4
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0636

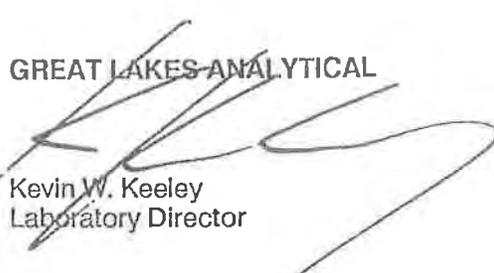
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-10 :S-2
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0637

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	500	N.D.
Bromobenzene.....	0.34	1.1	500	N.D.
Bromodichloromethane.....	1.1	3.5	500	N.D.
n-Butylbenzene.....	2.2	7.0	500	N.D.
sec-Butylbenzene.....	1.0	3.3	500	N.D.
tert-Butylbenzene.....	0.80	2.6	500	N.D.
Carbon tetrachloride.....	2.2	7.0	500	N.D.
Chlorobenzene.....	0.31	1.0	500	N.D.
Chloroethane.....	2.3	7.4	500	N.D.
Chloroform.....	1.4	4.4	500	N.D.
Chloromethane.....	4.1	13	500	N.D.
2-Chlorotoluene.....	0.64	2.1	500	N.D.
4-Chlorotoluene.....	0.87	2.8	500	N.D.
Dibromochloromethane.....	0.98	3.1	500	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	500	N.D.
1,2-Dibromoethane.....	1.0	3.3	500	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	500	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	500	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	500	N.D.
Dichlorodifluoromethane.....	0.85	2.7	500	N.D.
1,1-Dichloroethane.....	1.1	3.4	500	N.D.
1,2-Dichloroethane.....	1.1	3.4	500	N.D.
1,1-Dichloroethene.....	2.0	6.3	500	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	500	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	500	N.D.
1,2-Dichloropropane.....	1.1	3.5	500	N.D.
1,3-Dichloropropane.....	0.78	2.5	500	N.D.
2,2-Dichloropropane.....	1.9	5.9	500	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	500	N.D.
Ethyl Benzene.....	0.49	1.6	500	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-10 :S-2
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0637

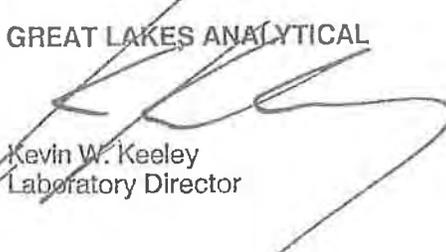
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	500	N.D.
Isopropylbenzene.....	1.3	4.3	500	1,600
p-Isopropyltoluene.....	2.3	7.2	500	950
Methylene chloride.....	0.97	3.1	2,000	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	500	N.D.
Napthalene.....	3.0	9.6	500	13,000
n-Propylbenzene.....	0.76	2.4	500	2,600
1,1,2,2-Tetrachloroethane.....	0.33	1.1	500	N.D.
Tetrachloroethene.....	1.8	5.7	500	N.D.
Toluene.....	0.44	1.4	500	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	500	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	500	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	500	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	500	N.D.
Trichloroethene.....	0.93	3.0	500	N.D.
Trichlorofluoromethane.....	2.0	6.4	500	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	500	20,000
1,3,5-Trimethylbenzene.....	0.56	1.8	500	N.D.
Vinyl chloride.....	1.8	5.7	500	N.D.
Total Xylenes.....	0.38	1.2	500	1,100

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-10 :S-4
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0638

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-10 :S-4
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0638

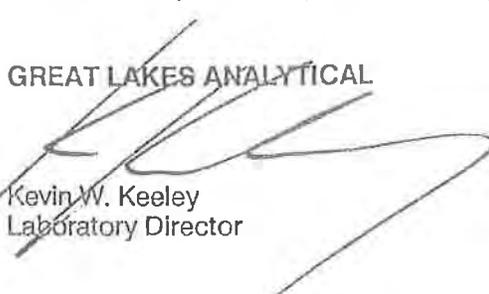
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-11 :S-4
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0639

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-11 :S-4
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0639

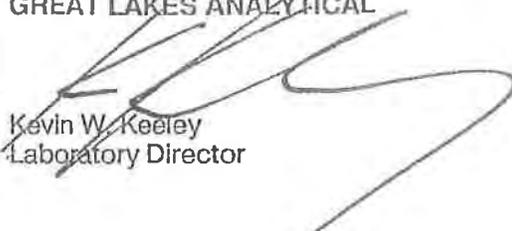
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-12 :S-3
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0640

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-12 :S-3
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0640

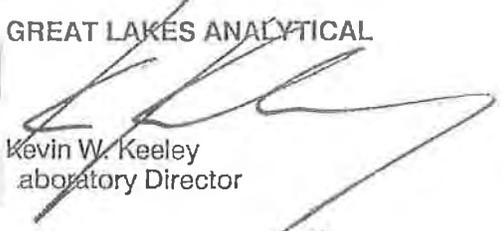
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-12 :S-5
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0641

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995

 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit $\mu\text{g}/\text{kg}$	Practical Quantitation Limit $\mu\text{g}/\text{kg}$	WDNR Reporting Limit $\mu\text{g}/\text{kg}$ Wet Weight	Sample Results $\mu\text{g}/\text{kg}$ Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-12 :S-5
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0641

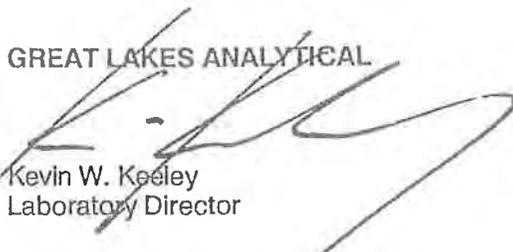
 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method	Practical	WDNR	Sample
	Detection	Quantitation		
	Limit	Limit	Limit	µg/kg
	µg/kg	µg/kg	µg/kg	µg/kg
			Wet Weight	Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-13 :S-3
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0642

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 5100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

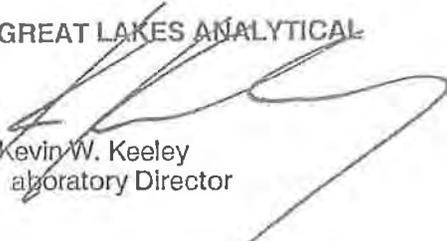
 Client Project ID: #950227.01, Reinder's Inc.
 Sample Descript: Soil: GP-13 :S-3
 Analysis Method: EPA 5030/8021
 Lab Number: 510-0642

 Sampled: Oct 9, 1995
 Received: Oct 10, 1995
 Analyzed: Oct 16, 1995
 Reported: Oct 17, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
o-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Naphthalene.....	3.0	9.6	25	N.D.
m-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	39
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	74
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Matrix: Soil
 Method: Percent Solids
 QC Sample Group: 5100618-0642

Reported: Nov 13, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Percent Solids	Percent Solids
---------	----------------	----------------

Method:	160.3	160.3
Analyst:	D.DiBrizzi	D.DiBrizzi
Reporting Units:	%	%
Date Analyzed:	Oct 13, 1995	Oct 13, 1995
QC Sample #:	BLK101395	BLK101395

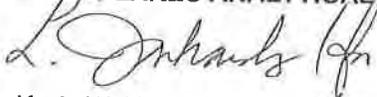
LCS		
% Recovery:	100	100

LCS Duplicate		
% Recovery:	100	100

Relative % Difference:	0	0
-------------------------------	---	---

Laboratory blank contained the following analytes: None Detected

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Matrix: Soil

QC Sample Group: 5100618-0642

Reported: Nov 13, 1995

QUALITY CONTROL DATA REPORT

ANALYTE

Lead

Lead

Method:	3050/7421	3050/7421
Analyst:	A.Mehrabi	A.Mehrabi
Concentration:	1.0	1.0
Units:	mg/kg	mg/kg

LAB. CONTROL SAMPLE DATA

Date Analyzed:	Oct 13, 1995	Oct 13, 1995
Instrument I.D.#	1	1
LCS% Recovery:	111	105

MATRIX SPIKE & DUP. DATA

Date Analyzed:	Oct 13, 1995	Oct 13, 1995
Instrument I.D.#	1	1
Matrix Spike % Recovery:	101	128
Matrix Spike Duplicate % Recovery:	111	131
Relative % Difference:	8.9	1.4

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Matrix: Soil
 Method: WDNR DRO
 QC Sample Group: 5100618-0642

Reported: Nov 13, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	WDRO	WDRO
---------	------	------

Method:	WDRO	WDRO
Analyst:	J. Wallace	J. Wallace
Concentration:	40	40
Units:	mg/kg	mg/kg

**MATRIX SPIKE
DATA**

Date Prepared:	Oct 11, 1995	Oct 11, 1995
Date Analyzed:	Oct 12, 1995	Oct 12, 1995
Instrument I.D.#	GC-10	GC-10

Matrix Spike % Recovery:	107	100
-------------------------------------	-----	-----

**METHOD SPIKE
& DUP. DATA**

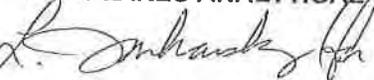
Date Prepared:	Oct 11, 1995	Oct 11, 1995
Date Analyzed:	Oct 12, 1995	Oct 12, 1995
Instrument I.D.#	GC-10	GC-10

Method Spike % Recovery:	102	109
-------------------------------------	-----	-----

Method Spike Duplicate % Recovery:	110	102
---	-----	-----

Relative % Difference:	7.6	6.6
-----------------------------------	-----	-----

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Matrix: Soil
 Method: WDNR GRO
 QC Sample Group: 5100618-0643

Reported: Nov 13, 1995

QUALITY CONTROL DATA REPORT
ANALYTE

WGRO

Method: WGRO
Analyst: M. Vang
Concentration: 2,000
Units: ng

**MATRIX SPIKE
DATA**
Date Prepared: Oct 11, 1995
Date Analyzed: Oct 16, 1995
Instrument I.D.# 3

**Matrix Spike
% Recovery:** 104

**METHOD SPIKE
& DUP. DATA**
Date Analyzed: Oct 16, 1995
Instrument I.D.# 3

**Method Spike
% Recovery:** 114

**Method Spike
Duplicate %
Recovery:** 103

**Relative %
Difference:** 10

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Matrix: Soil
 Method: Wisconsin VOC
 QC Sample Group: 5100618-0642

Reported: Nov 13, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	cis 1,2-Dichloro-ethene	Trans 1,2-Dichloro-ethene	Chloroform	1,1,1-Trichloro-ethane	Trichloro-ethene	Chloro-benzene
---------	-------------------------	---------------------------	------------	------------------------	------------------	----------------

Method:	8021	8021	8021	8021	8021	8021
Analyst:	R. Bora					
Concentration:	50	50	50	50	50	50
Units:	ng	ng	ng	ng	ng	ng

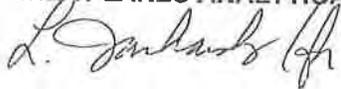
MATRIX SPIKE DATA

Date Analyzed:	Oct 12, 1995					
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1	GC-1	GC-1
Matrix Spike % Recovery:	100	98	96	94	106	88

METHOD SPIKE & DUP. DATA

Date Analyzed:	Oct 12, 1995					
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1	GC-1	GC-1
Method Spike % Recovery:	110	108	110	110	116	104
Method Spike Duplicate % Recovery:	108	108	108	110	116	106
Relative % Difference:	1.8	0	1.8	0	0	1.9

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinder's Inc.
 Matrix: Soil
 Method: Wisconsin VOC
 QC Sample Group: 5100618-0642

Reported: Nov 13, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl benzene	Xylene
---------	---------	---------	---------------	--------

Method:	8021	8021	8021	8021
Analyst:	R. Bora	R. Bora	R. Bora	R. Bora
Concentration:	50	50	50	50
Units:	ng	ng	ng	ng

MATRIX SPIKE DATA

Date Analyzed:	Oct 12, 1995	Oct 12, 1995	Oct 12, 1995	Oct 12, 1995
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1
Matrix Spike % Recovery:	98	90	94	104

METHOD SPIKE & DUP. DATA

Date Analyzed:	Oct 12, 1995	Oct 12, 1995	Oct 12, 1995	Oct 12, 1995
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1
Method Spike % Recovery:	108	106	110	116
Method Spike Duplicate % Recovery:	110	108	112	116
Relative % Difference:	1.8	1.9	1.8	0

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

CHAIN OF CUSTODY REPORT

Client: REINDERS, INC Project: 950227.01 TAT: 5 DAY 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.
 Address: L/O Advant Meguon Sampler: JEFF TRACY DATE RESULTS NEEDED: 10/17/95 Firm
 Port to: JEFF TRACY PO #: _____ TEMPERATURE UPON RECEIPT: ON ICE
 Phone #: (414) 238-1998 FAX #: 238-1998 AIR BILL NO. GLA P/L

FIELD ID, LOCATION	DATE COLLECTED (1995)	TIME COLLECTED	SAMPLE		PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	ANALYSIS TYPE	SAMPLE CONTROL			LABORATORY ID NUMBER
			DEVICE	MATRIX					CRACKED/BROKEN	IMPROPERLY SEALED	GOOD CONDITION	
GP-5: S-9	10/9	12:16	S	2-Meoth		4	3-2oz WDNR GRO, WDNR DRO, VOCs, Pb				✓	5100628
GP-6: S 2	10/9	12:59	O			4	1-4oz				✓	5100629
GP-6: S5	10/9	1:07	I			4					✓	5100630
GP7: S3	10/9	1:58	L			4					✓	5100631
GP-8: S3	10/9	2:52				4					✓	5100632
GP7: S6	10/9	2:16				4					✓	5100633
GP8: S4	10/9	3:00				4					✓	5100634
GP9: S2	10/9	3:20				4					✓	5100635
GP9: S4	10/9	3:30				4					✓	5100636
GP10: S-2	10/9	4:00				4					✓	5100637

ACQUIRED: Jim Kim 10/10/95 DATE RECEIVED: [Signature] 10/10/95 DATE RELINQUISHED: DO 10/10/95 4PM TIME RECEIVED: K. Kull 10/10/95 DATE 1600 TIME

CHAIN OF CUSTODY REPORT

Client: **REINDERS, INC** Project: **950227.04** TAT: **5 DAY** 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.
 Address: **c/o Advent Meguon** Sampler: **JEFF TRACY** DATE RESULTS NEEDED: **10/17/95 FIRM**
 PO #: _____ TEMPERATURE UPON RECEIPT: **ON ICE**
 Report to: **JEFF TRACY** Phone #: **(414) 238 1998** FAX #: **(414) 238 1988** AIR BILL NO. **GLA P14**

FIELD ID, LOCATION	DATE COLLECTED 1995	TIME COLLECTED	SAMPLE		PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	ANALYSIS TYPE	SAMPLE CONTROL			LABORATORY ID NUMBER
			DEVICE	MATRIX					CRACKED/BROKEN	IMPROPERLY SEALED	GOOD CONDITION	
GP10: S4	10/9	4:11	S	2-Meolt		4	3-2oz 14oz	WDNR GRO, WDNR DPO, VOLS, P ₂			✓	5100638
GP11: S4	10/9	4:42	O			4					✓	5100639
GP12: S3	10/9	5:26	I			4					✓	5100640
GP12: S5	10/9	5:33	L			4					✓	5100641
GP13: S3	10/9	6:14	S	2-Meolt		4	3-2oz 1-4oz				✓	5100642
Meolt Blank	10/9	1:52	Meolt	Meolt		1	2oz	WDNR GRO			✓	5100643
Temp Blank	10/10		H ₂ O			1	2oz					

ACQUIRED	DATE	RECEIVED	DATE	RELINQUISHED	DATE	RECEIVED	DATE
	10/10/95			10/10/95 4PM		R. Knell	10/10/95
ACQUIRED	DATE	RECEIVED	DATE	RELINQUISHED	DATE	RECEIVED	DATE
	10/10/95						

Date: November 9, 1995

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Project: #950227.01, Reinders

Enclosed are the results from 2 soil samples and 1 liquid sample received at Great Lakes Analytical on October 26, 1995. The requested analyses are listed below:

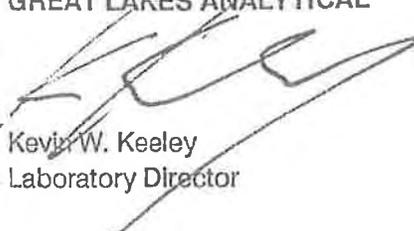
SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
5101931	Soil: GP14:S5	10/25/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5101932	Soil: GP14:S6	10/25/95	VOC's, EPA 5030/8021 Lead, EPA 3050/7421 Percent Solids, EPA 160.3 WDNR DRO WDNR GRO
5101933	Liquid: Methanol Blank	10/25/95	WDNR GRO

This report may not be reproduced, except in full, without the written approval of the laboratory.

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

GREAT LAKES ANALYTICAL



Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: #950227.01, Reinders
Sample Descript: Soil
Analysis for: Percent Solids, EPA 160.3
First Sample #: 510-1931

Sampled: Oct 25, 1995
Received: Oct 26, 1995
Analyzed: Nov 1, 1995
Reported: Nov 9, 1995

LABORATORY ANALYSIS FOR: Percent Solids, EPA 160.3

Sample Number	Sample Description	Detection Limit %	Sample Result %
510-1931	GP14:S5	0.10	87
510-1932	GP14:S6	0.10	84

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director



GREAT LAKES ANALYTICAL

1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: #950227.01, Reinders
Sample Descript: Soil
Analysis for: Lead, EPA 3050/7421
First Sample #: 510-1931

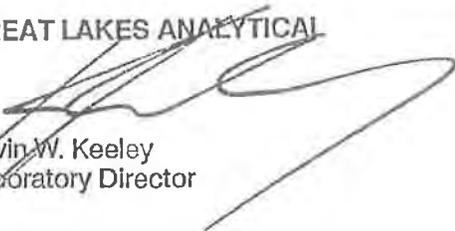
Sampled: Oct 25, 1995
Received: Oct 26, 1995
Analyzed: Oct 31, 1995
Reported: Nov 9, 1995

LABORATORY ANALYSIS FOR: Lead, EPA 3050/7421

Sample Number	Sample Description	Detection Limit mg/kg Dry Weight	Sample Result mg/kg Dry Weight
510-1931	GP14:S5	0.29	7.8
510-1932	GP14:S6	0.30	8.7

Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinders
 Sample Descript: Soil: GP14:S6
 Analysis Method: EPA 5030/8021
 Lab Number: 510-1932

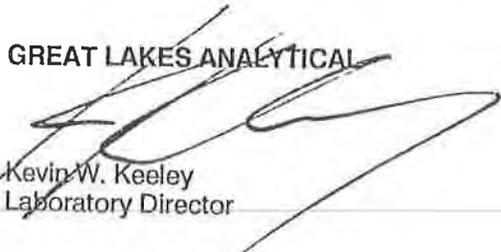
 Sampled: Oct 25, 1995
 Received: Oct 26, 1995
 Analyzed: Nov 8, 1995
 Reported: Nov 9, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinders
 Matrix: Soil
 Method: Percent Solids
 QC Sample Group: 5101931-1932

Reported: Nov 21, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Percent Solids
---------	----------------

Method: 160.3
 Analyst: D. DiBrizzi
 Reporting Units: %
 Date Analyzed: Nov 1, 1995
 QC Sample #: BLK110195

LCS
 % Recovery: 100

LCS Duplicate
 % Recovery: 100

Relative
 % Difference: 0

Laboratory blank contained the following analytes: None Detected

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinders
 Matrix: Soil

QC Sample Group: 5101931-1932

Reported: Nov 21, 1995

QUALITY CONTROL DATA REPORT
ANALYTE

Lead

 Method: 3050/7421
 Analyst: A. Mehrabi
 Concentration: 1.0
 Units: mg/kg

**LAB. CONTROL
SAMPLE DATA**

 Date Analyzed: Oct 31, 1995
 Instrument I.D.# 1

 LCS%
 Recovery: 103

**MATRIX SPIKE
& DUP. DATA**

 Date Analyzed: Oct 31, 1995
 Instrument I.D.# 1

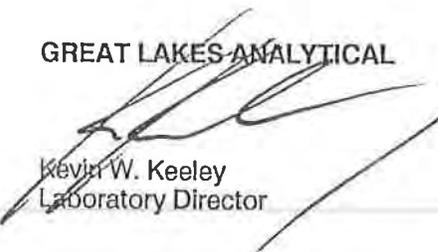
 Matrix Spike
 % Recovery: 99

 Matrix Spike
 Duplicate %
 Recovery: 103

 Relative %
 Difference: 3.8

GREAT LAKES ANALYTICAL

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinders
 Matrix: Soil
 Method: WDNR DRO
 QC Sample Group: 5101931-1932

Reported: Nov 21, 1995

QUALITY CONTROL DATA REPORT
ANALYTE

WDRO

Method: WDRO
Analyst: J. Wallace
Concentration: 40
Units: mg/kg

**MATRIX SPIKE
DATA**
Date Prepared: Oct 30, 1995
Date Analyzed: Oct 30, 1995
Instrument I.D.# GC-10

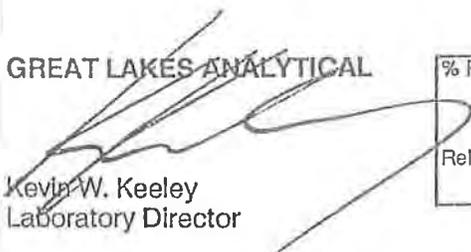
**Matrix Spike
% Recovery:** 91

**METHOD SPIKE
& DUP. DATA**
Date Analyzed: Oct 30, 1995
Instrument I.D.# GC-10

**Method Spike
% Recovery:** 94

**Method Spike
Duplicate %
Recovery:** 87

**Relative %
Difference:** 7.7

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinders
 Matrix: Soil
 Method: WDNR GRO
 QC Sample Group: 5101931-1933

Reported: Nov 21, 1995

QUALITY CONTROL DATA REPORT
ANALYTE

WGRO

 Method: WGRO
 Analyst: M. Vang
 Concentration: 2,000
 Units: ng

**MATRIX SPIKE
DATA**

 Date Prepared: Oct 27, 1995
 Date Analyzed: Nov 3, 1995
 Instrument I.D.# GC-5

 Matrix Spike
 % Recovery: 89

**METHOD SPIKE
& DUP. DATA**

 Date Analyzed: Nov 3, 1995
 Instrument I.D.# GC-5

 Method Spike
 % Recovery: 89

 Method Spike
 Duplicate %
 Recovery: 91

 Relative %
 Difference: 2.2

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinders
 Matrix: Soil
 Method: Wisconsin VOC
 QC Sample Group: 5101931-1932

Reported: Nov 21, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	cis 1,2-Dichloro-ethene	Trans 1,2-Dichloro-ethene	Chloroform	1,1,1-Trichloro-ethane	Trichloro-ethene	Chloro-benzene
---------	-------------------------	---------------------------	------------	------------------------	------------------	----------------

Method:	8021	8021	8021	8021	8021	8021
Analyst:	D. Parikh					
Concentration:	50	50	50	50	50	50
Units:	ng	ng	ng	ng	ng	ng

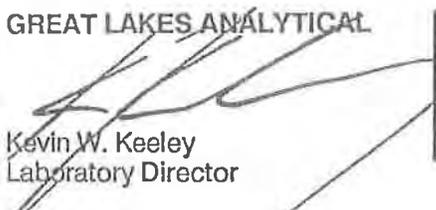
MATRIX SPIKE DATA

Date Analyzed:	Nov 9, 1995					
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1	GC-1	GC-1
Matrix Spike % Recovery:	92	94	90	92	104	92

METHOD SPIKE & DUP. DATA

Date Analyzed:	Nov 9, 1995					
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1	GC-1	GC-1
Method Spike % Recovery:	102	92	90	90	96	94
Method Spike Duplicate % Recovery:	112	106	88	80	116	88
Relative % Difference:	9.4	14	2.3	12	19	6.6

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: #950227.01, Reinders
 Matrix: Soil
 Method: Wisconsin VOC
 QC Sample Group: 5101931-1932

Reported: Nov 21, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl benzene	Xylene
---------	---------	---------	------------------	--------

Method:	8021	8021	8021	8021
Analyst:	D. Parikh	D. Parikh	D. Parikh	D. Parikh
Concentration:	50	50	50	50
Units:	ng	ng	ng	ng

**MATRIX SPIKE
DATA**

Date Analyzed:	Nov 9, 1995	Nov 9, 1995	Nov 9, 1995	Nov 9, 1995
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1
Matrix Spike % Recovery:	92	94	100	95

**METHOD SPIKE
& DUP. DATA**

Date Analyzed:	Nov 9, 1995	Nov 9, 1995	Nov 9, 1995	Nov 9, 1995
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1
Method Spike % Recovery:	100	96	100	95
Method Spike Duplicate % Recovery:	108	106	108	95
Relative % Difference:	7.7	9.9	7.7	0

GREAT LAKES ANALYTICAL

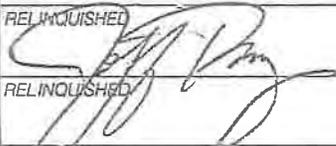
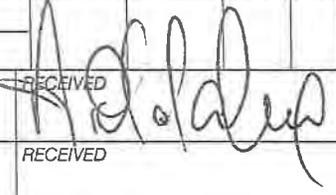
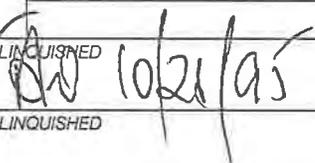
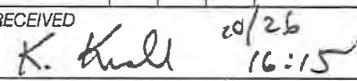

 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

CHAIN OF CUSTODY REPORT

Client: REINDERS	Project: 950227.01	TAT: <u>5 DAY</u> DAY 3 DAY 2 DAY 1 DAY < 24
Address: c/o Advent Environmental Mequon, WI	Sampler: JEFF TRACY	DATE RESULTS NEEDED: FIRM 10/21/95
	PO #: SEE ATTACHED SHEET	TEMPERATURE UPON RECEIPT: ON ICE
Report to: JEFF TRACY	Phone #: (414) 238-1998 FAX #:	AIR BILL NO. GLA P14

FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	P/D DEVICE	SAMPLE		PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	ANALYSIS TYPE	SAMPLE CONTROL			LABORATOR ID NUMBER
				MATRIX						CRACKED/BROKEN	IMPROPERLY SEALED	GOOD CONDITION	
1 GPI4:SS	10/25/95	1240	<1	So ₂	2-Zn MeOH		4	3-Zn 1-4oz	WDNR GPD, WDNR DRD, VOCs, Lead			✓	5101931
2 GPI4:SS	10/25/95	1246	<1	So ₂	2-Zn MeOH		4	3-Zn 1-4oz	WDNR GPD, WDNR DRD, VOCs, Pb.			✓	5101932
3 MeOH Blank	10/25/95	12:53	-	MeOH	MeOH		1	1-2oz	WDNR GPD			✓	5101933
4 Temp Blank	10/25/95	-	-	H ₂ O	-		1	1-4oz	/ / / / / / / /				
5													
6													
7													
8													
9													
10													

RELINQUISHED	DATE	RECEIVED	DATE	RELINQUISHED	DATE	RECEIVED	DATE
			10/26/95		10/21/95		10/26/95
RELINQUISHED	DATE	RECEIVED	DATE	RELINQUISHED	DATE	RECEIVED	DATE
RELINQUISHED	DATE	RECEIVED	DATE	RELINQUISHED	DATE	RECEIVED	DATE

Date: November 2, 1995

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Project: Reinders/ Great Lakes

Enclosed are the results from 7 soil samples received at Great Lakes Analytical on October 26, 1995. The requested analyses are listed below:

SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
5101976	Soil: GP2A:S1	10/25/95	Trichloroethene, EPA 8021 Percent Solids, EPA 160.3
5101977	Soil: GP1A:S1	10/25/95	cis- 1,2-Dichloroethene Percent Solids, EPA 160.3
5101978	Soil: GP1A:S2	10/25/95	Trichloroethene, EPA 8021 cis- 1,2-Dichloroethene Percent Solids, EPA 160.3
5101979	Soil: GP4A:S1	10/25/95	Trichloroethene, EPA 8021 Tetrachloroethene, EPA 8021 Percent Solids, EPA 160.3
5101980	Soil: GP6A:S1	10/25/95	1,2-Dichlorobenzene Percent Solids, EPA 160.3
5101981	Soil: GP13A:S1	10/25/95	Tetrachloroethene, EPA 8021 Trichloroethene, EPA 8021 Percent Solids, EPA 160.3
5101982	Soil: GP8A:S1	10/25/95	Tetrachloroethene, EPA 8021 Trichloroethene, EPA 8021 Percent Solids, EPA 160.3

This report may not be reproduced, except in full, without the written approval of the laboratory.

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

GREAT LAKES ANALYTICAL



Kevin W. Keeley
Laboratory Director

5101976.ADV <1>



Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinders/ Great Lakes
Sample Descript: Soil
Analysis for: Percent Solids, EPA 160.3
First Sample #: 510-1976

Sampled: Oct 25, 1995
Received: Oct 26, 1995
Analyzed: Nov 1, 1995
Reported: Nov 2, 1995

LABORATORY ANALYSIS FOR: Percent Solids, EPA 160.3

Sample Number	Sample Description	Detection Limit %	Sample Result %
510-1976	GP2A:S1	0.10	89
510-1977	GP1A:S1	0.10	90
510-1978	GP1A:S2	0.10	92
510-1979	GP4A:S1	0.10	82
510-1980	GP6A:S1	0.10	79
510-1981	GP13A:S1	0.10	86
510-1982	GP8A:S1	0.10	86

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinders/ Great Lakes
Sample Descript: Soil: GP2A:S1
Lab Number: 510-1976

Sampled: Oct 25, 1995
Received: Oct 26, 1995
Analyzed: 10/31-11/2/95
Revised Report: Nov 7, 1995

LABORATORY ANALYSIS

Analyte	EPA Method	Detection Limit ug/kg Wet Weight	Sample Results ug/kg Dry Weight
Trichloroethene.....	8021	25	630

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinders/ Great Lakes
Sample Descript: Soil: GP1A:S1
Lab Number: 510-1977

Sampled: Oct 25, 1995
Received: Oct 26, 1995
Analyzed: 10/31-11/2/95
Revised Report: Nov 7, 1995

LABORATORY ANALYSIS

Analyte	EPA Method	Detection Limit ug/kg Wet Weight	Sample Results ug/kg Dry Weight
cis-1,2-Dichloroethene.....	8021	25	77

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders/ Great Lakes
 Sample Descript: Soil: GP1A:S2
 Lab Number: 510-1978

 Sampled: Oct 25, 1995
 Received: Oct 26, 1995
 Analyzed: 10/31-11/2/95
 Revised Report: Nov 7, 1995

LABORATORY ANALYSIS

Analyte	EPA Method	Detection Limit ug/kg Wet Weight	Sample Results ug/kg Dry Weight
cis-1,2-Dichloroethene.....	8021	25	N.D.
Trichloroethene.....	8021	25	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director



GREAT LAKES ANALYTICAL

1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinders/ Great Lakes
Sample Descript: Soil: GP4A:S1
Lab Number: 510-1979

Sampled: Oct 25, 1995
Received: Oct 26, 1995
Analyzed: 10/31-11/2/95
Revised Report: Nov 7, 1995

LABORATORY ANALYSIS

Analyte	EPA Method	Detection Limit ug/kg Wet Weight	Sample Results ug/kg Dry Weight
Tetrachloroethene.....	8021	25	N.D.
Trichloroethene.....	8021	25	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinders/ Great Lakes
Sample Descript: Soil: GP6A:S1
Lab Number: 510-1980

Sampled: Oct 25, 1995
Received: Oct 26, 1995
Analyzed: 10/31-11/2/95
Revised Report: Nov 7, 1995

LABORATORY ANALYSIS

Analyte	EPA Method	Detection Limit ug/kg Wet Weight	Sample Results ug/kg Dry Weight
1,2-Dichlorobenzene.....	8021	25	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director



GREAT LAKES ANALYTICAL

1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinders/ Great Lakes
Sample Descript: Soil: GP13A:S1
Lab Number: 510-1981

Sampled: Oct 25, 1995
Received: Oct 26, 1995
Analyzed: 10/31-11/2/95
Revised Report: Nov 7, 1995

LABORATORY ANALYSIS

Analyte	EPA Method	Detection Limit ug/kg Wet Weight	Sample Results ug/kg Dry Weight
Tetrachloroethene.....	8021	25	N.D.
Trichloroethene.....	8021	25	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL
[Signature]

Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders/ Great Lakes
 Sample Descript: Soil: GP8A:S1
 Lab Number: 510-1982

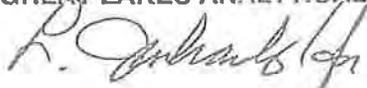
 Sampled: Oct 25, 1995
 Received: Oct 26, 1995
 Analyzed: 10/31-11/2/95
 Revised Report: Nov 7, 1995

LABORATORY ANALYSIS

Analyte	EPA Method	Detection Limit ug/kg Wet Weight	Sample Results ug/kg Dry Weight
Tetrachloroethene.....	8021	25	N.D.
Trichloroethene.....	8021	25	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders/ Great Lakes
 Matrix: Soil
 Method: Percent Solids
 QC Sample Group: 5101976-1982

Reported: Nov 2, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Percent Solids
---------	----------------

 Method: 160.3
 Analyst: D. DiBrizzi
 Reporting Units: %
 Date Analyzed: Nov 1, 1995
 QC Sample #: BLK110195

Sample Conc.: N.D.

 Spike Conc.
 Added: 1,000

 Conc. Matrix
 Spike: 1,000

 Matrix Spike
 % Recovery: 100

 Conc. Matrix
 Spike Dup.: 1,000

 Matrix Spike
 Duplicate
 % Recovery: 100

 Relative
 % Difference: 0

Laboratory blank contained the following analytes: None Detected

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders/ Great Lakes
 Matrix: Soil
 Method: Wisconsin VOC
 QC Sample Group: 5101976-1982

Reported: Nov 2, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	cis 1,2-Dichloro-ethene	Trans 1,2-Dichloro-ethene	Chloroform	1,1,1-Trichloro-ethane	Trichloro-ethene	Chloro-benzene
---------	-------------------------	---------------------------	------------	------------------------	------------------	----------------

Method:	8021	8021	8021	8021	8021	8021
Analyst:	D. Parikh					
Concentration:	50	50	50	50	50	50
Units:	ng	ng	ng	ng	ng	ng

MATRIX SPIKE DATA

Date Analyzed:	Oct 31, 1995					
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1	GC-1	GC-1
Matrix Spike % Recovery:	100	94	98	98	100	100

METHOD SPIKE & DUP. DATA

Date Analyzed:	Oct 31, 1995					
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1	GC-1	GC-1
Method Spike % Recovery:	100	104	104	104	104	98
Method Spike Duplicate % Recovery:	88	106	108	110	100	90
Relative % Difference:	13	1.9	3.8	5.6	3.9	8.5

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders/ Great Lakes
 Matrix: Soil
 Method: Wisconsin VOC
 QC Sample Group: 5101976-1982

Reported: Nov 2, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl benzene	Xylene
---------	---------	---------	---------------	--------

Method:	8021	8021	8021	8021
Analyst:	D. Parikh	D. Parikh	D. Parikh	D. Parikh
Concentration:	50	50	50	50
Units:	ng	ng	ng	ng

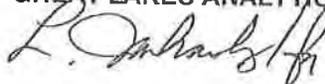
MATRIX SPIKE DATA

Date Analyzed:	Oct 31, 1995	Oct 31, 1995	Oct 31, 1995	Oct 31, 1995
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1
Matrix Spike % Recovery:	90	98	102	114

METHOD SPIKE & DUP. DATA

Date Analyzed:	Oct 31, 1995	Oct 31, 1995	Oct 31, 1995	Oct 31, 1995
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1
Method Spike % Recovery:	100	100	106	114
Method Spike Duplicate % Recovery:	92	92	100	106
Relative % Difference:	8.3	8.3	5.8	7.3

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

CHAIN OF CUSTODY REPORT

Client: <u>RENDERS / Great Lakes</u>	Project: <u>950227.01 / 950243.01</u>	TAT: <u>5 DAY</u> 4 DAY 3 DAY 2 DAY 1 DAY < 24 H
Address: <u>c/o Advent Environmental</u>	Sampler: <u>Jeff Tracy</u>	DATE RESULTS NEEDED: <u>11-2-95</u>
<u>Meguson</u>	PO #: <u>RESAMPLE</u>	TEMPERATURE UPON RECEIPT: <u>ON ICE</u>
Report to: <u>Jeff Tracy</u>	Phone # <u>(414) 238-1998</u> FAX #:	AIR BILL NO. <u>GLA P/4</u>

FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE		PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	ANALYSIS TYPE	SAMPLE CONTROL			LABORATORY ID NUMBER
			PTP SOURCE	MATRIX					CRACKED/BROKEN	IMPROPERLY SEALED	GOOD CONDITION	
1 GP2A: S1 9-11'	10/25/95	0832	<1	S ₀ L	Zn MeOH	2	1-2oz 1-4oz	Trichloroethene (8021)			✓	5101976
2 GP1A: S1 7-9'	10/25/95	0848	<1	S ₀ L	Zn MeOH	2	1-2oz 1-4oz	cis-1,2-Dichloroethene			✓	5101977
3 GP1A: S2 11-13'	10/25/95	0851	<1	S ₀ L	Zn MeOH	2	1-2oz 1-4oz	cis-1,2-Dichloroethene Trichloroethene			✓	5101978
4 GP4A: S1 15-17'	10/25/95	0935	<1	S ₀ L	Zn MeOH	2	1-2oz 1-4oz	Tetrachloroethene Trichloroethene			✓	5101979
5 GP6A: S1 7-9'	10/25/95	1008	<1	S ₀ L	Zn MeOH	2	1-2oz 1-4oz	1,2-Dichlorobenzene			✓	5101980
6 GP13A: S1 7-9'	10/25/95	1036	<1	S ₀ L	Zn MeOH	2	1-2oz 1-4oz	Trichloroethene Tetrachloroethene			✓	5101981
7 EP8A: S1 7-9'	10/25/95	1115	<1	S ₀ L	Zn MeOH	2	1-2oz 1-4oz	Trichloroethene Tetrachloroethene			✓	5101982
8 Temp Blank	10/25/95	1200	-	H ₂ O	-	1	1-4oz	/ / / / / / / /				
9												
10												

RELINQUISHED <i>[Signature]</i>	DATE 10/26/95	RECEIVED <i>[Signature]</i>	DATE 10/26/95	RELINQUISHED <i>[Signature]</i>	DATE 10/26/95	RECEIVED <i>[Signature]</i>	DATE 10/26/95
RELINQUISHED	TIME	RECEIVED	TIME	RELINQUISHED	TIME	RECEIVED	TIME
RELINQUISHED	DATE	RECEIVED	DATE	RELINQUISHED	DATE	RECEIVED	DATE
RELINQUISHED	TIME	RECEIVED	TIME	RELINQUISHED	TIME	RECEIVED	TIME

COMMENTS: PER KEVIN KEELEY - DO NOT INVOICE ADVENT - RESAMPLING DUE TO POSSIBLE CONTAMINATION OF

Date: December 11, 1995

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

Project: Reinder's AST/UST

Enclosed are the results from 6 soil samples and 4 liquid samples received at Great Lakes Analytical on December 4, 1995. The requested analyses are listed below:

SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
5120173	Soil: C2A:S4	12/1/95	VOC's, EPA 5030/8021 Lead, EPA 3015/7421 Percent Solids, EPA 7.3.3.1.5 WDNR DRO WDNR GRO
5120174	Soil: C2A:S7	12/1/95	VOC's, EPA 5030/8021 Lead, EPA 3015/7421 Percent Solids, EPA 7.3.3.1.5 WDNR DRO WDNR GRO
5120175	Soil: C4A:S4	12/1/95	VOC's, EPA 5030/8021 Lead, EPA 3015/7421 Percent Solids, EPA 7.3.3.1.5 WDNR DRO WDNR GRO
5120176	Soil: C4A:S5	12/1/95	VOC's, EPA 5030/8021 Lead, EPA 3015/7421 Percent Solids, EPA 7.3.3.1.5 WDNR DRO WDNR GRO
5120177	Soil: C6A:S5	12/1/95	VOC's, EPA 5030/8021 Lead, EPA 3015/7421 Percent Solids, EPA 7.3.3.1.5 WDNR DRO WDNR GRO
5120178	Soil: C6A:S6	12/1/95	VOC's, EPA 5030/8021 Lead, EPA 3015/7421 Percent Solids, EPA 7.3.3.1.5 WDNR DRO WDNR GRO

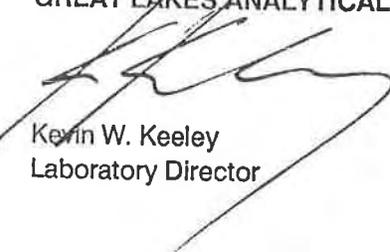
SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
5120179	Water: MW R8	12/1/95	VOC's, EPA 5030/8021 WDNR DRO WDNR GRO
5120180	Water: MW R8 Dup	12/1/95	VOC's, EPA 5030/8021
5120181	Liquid: Trip Blank	11/21/95	VOC's, EPA 5030/8021
5120182	Liquid: Methanol Blank	12/1/95	WDNR GRO

This report may not be reproduced, except in full, without the written approval of the laboratory.

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

GREAT LAKES ANALYTICAL



Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinder's AST/UST
Sample Descript: Soil
Analysis for: Percent Solids, EPA 7.3.3.1.5
First Sample #: 512-0173

Sampled: Dec 1, 1995
Received: Dec 4, 1995
Analyzed: Dec 7, 1995
Reported: Dec 11, 1995

LABORATORY ANALYSIS FOR: Percent Solids, EPA 7.3.3.1.5

Sample Number	Sample Description	Detection Limit %	Sample Result %
512-0173	C2A:S4	0.10	81
512-0174	C2A:S7	0.10	85
512-0175	C4A:S4	0.10	92
512-0176	C4A:S5	0.10	83
512-0177	C6A:S5	0.10	92
512-0178	C6A:S6	0.10	86

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

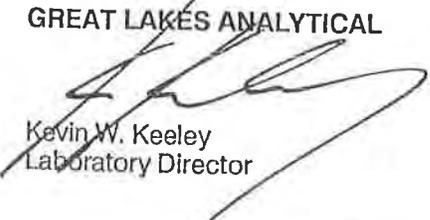
 Client Project ID: Reinder's AST/UST
 Sample Descript: Soil
 Analysis for: Lead, EPA 3015/7421
 First Sample #: 512-0173

 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 8, 1995
 Reported: Dec 11, 1995

LABORATORY ANALYSIS FOR: Lead, EPA 3015/7421

Sample Number	Sample Description	Detection Limit mg/kg Dry Weight	Sample Result mg/kg Dry Weight
512-0173	C2A:S4	0.31	4.3
512-0174	C2A:S7	0.29	5.7
512-0175	C4A:S4	0.27	5.3
512-0176	C4A:S5	0.30	10
512-0177	C6A:S5	0.27	5.7
512-0178	C6A:S6	0.29	5.6

Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Matrix Descript: Soil
 Analysis Method: WDNR DRO
 First Sample #: 512-0173

 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Extracted: Dec 6, 1995
 Analyzed: Dec 7-8, 1995
 Reported: Dec 11, 1995

DIESEL RANGE ORGANICS

Sample Number	Sample Description	Detection Limit mg/kg, Dry Weight (ppm)	High B.P. Hydrocarbons mg/kg, Dry Weight (ppm)	Chromatogram Description
512-0173	C2A:S4	6.2	5,800	Diesel pattern
512-0174	C2A:S7	5.9	24	Diesel pattern
512-0175	C4A:S4	5.4	14	Non diesel pattern, elevated baseline, diesel range
512-0176	C4A:S5	6.0	N.D.	—
512-0177	C6A:S5	540	4,900	Diesel pattern
512-0178	C6A:S6	290	3,100	Diesel pattern

High Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance, July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Matrix Descript: Water
 Analysis Method: WDNR DRO
 First Sample #: 512-0179

 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Extracted: Dec 6, 1995
 Analyzed: Dec 6, 1995
 Reported: Dec 11, 1995

DIESEL RANGE ORGANICS

Sample Number	Sample Description	Detection Limit mg/L (ppm)	High B.P. Hydrocarbons mg/L (ppm)	Chromatogram Description
512-0179	MW R8	0.10	0.17	Non diesel pattern, elevated baseline, diesel range

High Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance, July 1993 WDNR SW 130 93 REV.
 Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Matrix Descript: Soil
 Analysis Method: WDNR GRO
 First Sample #: 512-0173

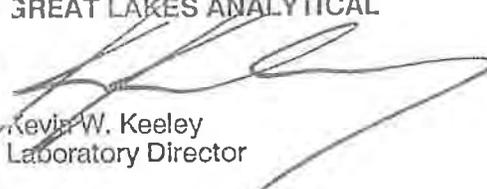
 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 5-7, 1995
 Reported: Dec 11, 1995

GASOLINE RANGE ORGANICS

Sample Number	Sample Description	Detection Limit mg/kg, Dry Weight (ppm)	Low/Medium B.P. Hydrocarbons mg/kg, Dry Weight (ppm)	Chromatogram Description
512-0173	C2A:S4	250	540	Late elevated gas range, elevated late peaks
512-0174	C2A:S7	4.5	12	Elevated gas range, elevated late peaks
512-0175	C4A:S4	2.7	5.5	Late elevated gas range, elevated late peaks
512-0176	C4A:S5	1.2	N.D.	---
512-0177	C6A:S5	540	1,200	Late elevated gas range, elevated late peaks
512-0178	C6A:S6	290	830	Late elevated gas range, elevated late peaks

Low to Medium Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

Client Project ID: Reinder's AST/UST
 Matrix Descript: Water
 Analysis Method: WDNR GRO
 First Sample #: 512-0179

Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 5, 1995
 Reported: Dec 11, 1995

GASOLINE RANGE ORGANICS

Sample Number	Sample Description	Detection Limit μg/L (ppb)	Low/Medium B.P. Hydrocarbons μg/L (ppb)	Chromatogram Description
512-0179	MW R8	50	N.D.	

Low to Medium Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL



Kevin W. Keeley
 Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinder's AST/UST
Matrix Descript: Liquid
Analysis Method: WDNR GRO
First Sample #: 512-0182

Sampled: Dec 1, 1995
Received: Dec 4, 1995
Analyzed: Dec 5, 1995
Reported: Dec 11, 1995

GASOLINE RANGE ORGANICS

Sample Number	Sample Description	Detection Limit $\mu\text{g/L}$ (ppb)	Low/Medium B.P. Hydrocarbons $\mu\text{g/L}$ (ppb)	Chromatogram Description
512-0182	Methanol Blank	1,000	N.D.	---

Low to Medium Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Soil: C2A:S4
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0173

 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 8, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	250	N.D.
Bromobenzene.....	0.34	1.1	250	N.D.
Bromodichloromethane.....	1.1	3.5	250	N.D.
n-Butylbenzene.....	2.2	7.0	250	3,000
sec-Butylbenzene.....	1.0	3.3	250	670
tert-Butylbenzene.....	0.80	2.6	250	1,400
Carbon tetrachloride.....	2.2	7.0	250	N.D.
Chlorobenzene.....	0.31	1.0	250	N.D.
Chloroethane.....	2.3	7.4	250	N.D.
Chloroform.....	1.4	4.4	250	N.D.
Chloromethane.....	4.1	13	250	N.D.
2-Chlorotoluene.....	0.64	2.1	250	N.D.
4-Chlorotoluene.....	0.87	2.8	250	N.D.
Dibromochloromethane.....	0.98	3.1	250	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	250	N.D.
1,2-Dibromoethane.....	1.0	3.3	250	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	250	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	250	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	250	N.D.
Dichlorodifluoromethane.....	0.85	2.7	250	N.D.
1,1-Dichloroethane.....	1.1	3.4	250	N.D.
1,2-Dichloroethane.....	1.1	3.4	250	N.D.
1,1-Dichloroethene.....	2.0	6.3	250	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	250	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	250	N.D.
1,2-Dichloropropane.....	1.1	3.5	250	N.D.
1,3-Dichloropropane.....	0.78	2.5	250	N.D.
2,2-Dichloropropane.....	1.9	5.9	250	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	250	N.D.
Ethyl Benzene.....	0.49	1.6	250	2,800

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Soil: C2A:S4
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0173

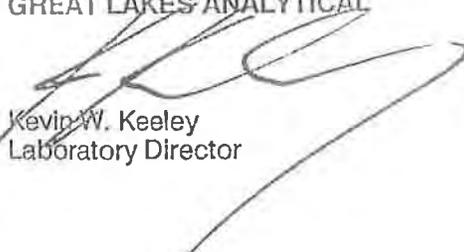
 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 8, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	250	N.D.
Isopropylbenzene.....	1.3	4.3	250	690
p-Isopropyltoluene.....	2.3	7.2	250	1,600
Methylene chloride.....	0.97	3.1	1,000	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	250	N.D.
Napthalene.....	3.0	9.6	250	4,900
n-Propylbenzene.....	0.76	2.4	250	3,800
1,1,2,2-Tetrachloroethane.....	0.33	1.1	250	N.D.
Tetrachloroethene.....	1.8	5.7	250	N.D.
Toluene.....	0.44	1.4	250	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	250	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	250	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	250	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	250	N.D.
Trichloroethene.....	0.93	3.0	250	N.D.
Trichlorofluoromethane.....	2.0	6.4	250	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	250	14,000
1,3,5-Trimethylbenzene.....	0.56	1.8	250	1,500
Vinyl chloride.....	1.8	5.7	250	N.D.
Total Xylenes.....	0.38	1.2	250	1,100

Analytes reported as N.D. were not present above the stated limit of reporting. Because matrix effects and/or other factors required additional sample dilution, reporting limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Soil: C2A:S7
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0174

 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 8, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	92

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Soil: C2A:S7
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0174

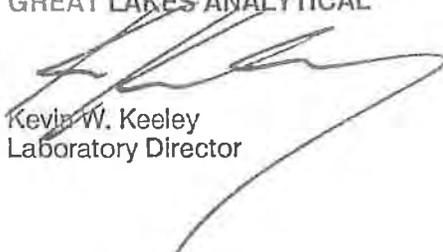
 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 8, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	51
n-Propylbenzene.....	0.76	2.4	25	49
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	63
1,3,5-Trimethylbenzene.....	0.56	1.8	25	31
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	130

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Soil: C4A:S4
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0175

 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 8, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	25	N.D.
Bromobenzene.....	0.34	1.1	25	N.D.
Bromodichloromethane.....	1.1	3.5	25	N.D.
n-Butylbenzene.....	2.2	7.0	25	N.D.
sec-Butylbenzene.....	1.0	3.3	25	N.D.
tert-Butylbenzene.....	0.80	2.6	25	N.D.
Carbon tetrachloride.....	2.2	7.0	25	N.D.
Chlorobenzene.....	0.31	1.0	25	N.D.
Chloroethane.....	2.3	7.4	25	N.D.
Chloroform.....	1.4	4.4	25	N.D.
Chloromethane.....	4.1	13	25	N.D.
2-Chlorotoluene.....	0.64	2.1	25	N.D.
4-Chlorotoluene.....	0.87	2.8	25	N.D.
Dibromochloromethane.....	0.98	3.1	25	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	25	N.D.
1,2-Dibromoethane.....	1.0	3.3	25	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	25	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	25	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	25	N.D.
Dichlorodifluoromethane.....	0.85	2.7	25	N.D.
1,1-Dichloroethane.....	1.1	3.4	25	N.D.
1,2-Dichloroethane.....	1.1	3.4	25	N.D.
1,1-Dichloroethene.....	2.0	6.3	25	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	25	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	25	N.D.
1,2-Dichloropropane.....	1.1	3.5	25	N.D.
1,3-Dichloropropane.....	0.78	2.5	25	N.D.
2,2-Dichloropropane.....	1.9	5.9	25	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	25	N.D.
Ethyl Benzene.....	0.49	1.6	25	N.D.

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Soil: C4A:S4
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0175

 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 8, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	25	N.D.
Isopropylbenzene.....	1.3	4.3	25	N.D.
p-Isopropyltoluene.....	2.3	7.2	25	N.D.
Methylene chloride.....	0.97	3.1	100	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	25	N.D.
Napthalene.....	3.0	9.6	25	N.D.
n-Propylbenzene.....	0.76	2.4	25	N.D.
1,1,2,2-Tetrachloroethane.....	0.33	1.1	25	N.D.
Tetrachloroethene.....	1.8	5.7	25	N.D.
Toluene.....	0.44	1.4	25	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	25	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	25	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	25	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	25	N.D.
Trichloroethene.....	0.93	3.0	25	N.D.
Trichlorofluoromethane.....	2.0	6.4	25	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	25	N.D.
1,3,5-Trimethylbenzene.....	0.56	1.8	25	N.D.
Vinyl chloride.....	1.8	5.7	25	N.D.
Total Xylenes.....	0.38	1.2	25	N.D.

Analytes reported as N.D. were not present above the WDNR Reporting Limit IN WET WEIGHT as specified in Release News, Volume 4, Number 3, July 1994.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Soil: C6A:S5
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0177

 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 8, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	250	N.D.
Bromobenzene.....	0.34	1.1	250	N.D.
Bromodichloromethane.....	1.1	3.5	250	N.D.
n-Butylbenzene.....	2.2	7.0	250	4,200
sec-Butylbenzene.....	1.0	3.3	250	N.D.
tert-Butylbenzene.....	0.80	2.6	250	1,700
Carbon tetrachloride.....	2.2	7.0	250	N.D.
Chlorobenzene.....	0.31	1.0	250	N.D.
Chloroethane.....	2.3	7.4	250	N.D.
Chloroform.....	1.4	4.4	250	N.D.
Chloromethane.....	4.1	13	250	N.D.
2-Chlorotoluene.....	0.64	2.1	250	N.D.
4-Chlorotoluene.....	0.87	2.8	250	N.D.
Dibromochloromethane.....	0.98	3.1	250	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	250	N.D.
1,2-Dibromoethane.....	1.0	3.3	250	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	250	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	250	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	250	N.D.
Dichlorodifluoromethane.....	0.85	2.7	250	N.D.
1,1-Dichloroethane.....	1.1	3.4	250	N.D.
1,2-Dichloroethane.....	1.1	3.4	250	N.D.
1,1-Dichloroethene.....	2.0	6.3	250	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	250	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	250	N.D.
1,2-Dichloropropane.....	1.1	3.5	250	N.D.
1,3-Dichloropropane.....	0.78	2.5	250	N.D.
2,2-Dichloropropane.....	1.9	5.9	250	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	250	N.D.
Ethyl Benzene.....	0.49	1.6	250	1,200

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Soil: C6A:S5
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0177

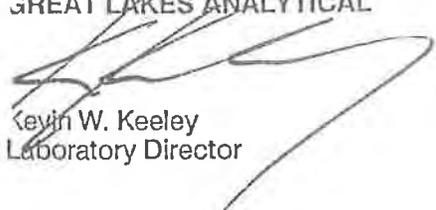
 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 8, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	250	N.D.
Isopropylbenzene.....	1.3	4.3	250	410
p-Isopropyltoluene.....	2.3	7.2	250	N.D.
Methylene chloride.....	0.97	3.1	1,000	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	250	N.D.
Napthalene.....	3.0	9.6	250	1,000
n-Propylbenzene.....	0.76	2.4	250	1,800
1,1,2,2-Tetrachloroethane.....	0.33	1.1	250	N.D.
Tetrachloroethene.....	1.8	5.7	250	N.D.
Toluene.....	0.44	1.4	250	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	250	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	250	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	250	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	250	N.D.
Trichloroethene.....	0.93	3.0	250	N.D.
Trichlorofluoromethane.....	2.0	6.4	250	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	250	6,600
1,3,5-Trimethylbenzene.....	0.56	1.8	250	2,800
Vinyl chloride.....	1.8	5.7	250	N.D.
Total Xylenes.....	0.38	1.2	250	450

Analytes reported as N.D. were not present above the stated limit of reporting. Because matrix effects and/or other factors required additional sample dilution, reporting limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Soil: C6A:S6
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0178

 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 8, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Benzene.....	0.51	1.6	130	N.D.
Bromobenzene.....	0.34	1.1	130	N.D.
Bromodichloromethane.....	1.1	3.5	130	N.D.
n-Butylbenzene.....	2.2	7.0	130	2,900
sec-Butylbenzene.....	1.0	3.3	130	N.D.
tert-Butylbenzene.....	0.80	2.6	130	2,000
Carbon tetrachloride.....	2.2	7.0	130	N.D.
Chlorobenzene.....	0.31	1.0	130	N.D.
Chloroethane.....	2.3	7.4	130	N.D.
Chloroform.....	1.4	4.4	130	N.D.
Chloromethane.....	4.1	13	130	N.D.
2-Chlorotoluene.....	0.64	2.1	130	N.D.
4-Chlorotoluene.....	0.87	2.8	130	N.D.
Dibromochloromethane.....	0.98	3.1	130	N.D.
1,2-Dibromo-3-chloropropane...	3.2	10	130	N.D.
1,2-Dibromoethane.....	1.0	3.3	130	N.D.
1,2-Dichlorobenzene.....	1.1	3.3	130	N.D.
1,3-Dichlorobenzene.....	1.7	5.3	130	N.D.
1,4-Dichlorobenzene.....	2.8	8.9	130	N.D.
Dichlorodifluoromethane.....	0.85	2.7	130	N.D.
1,1-Dichloroethane.....	1.1	3.4	130	N.D.
1,2-Dichloroethane.....	1.1	3.4	130	N.D.
1,1-Dichloroethene.....	2.0	6.3	130	N.D.
cis-1,2-Dichloroethene.....	1.7	5.5	130	N.D.
trans-1,2-Dichloroethene.....	3.1	9.8	130	N.D.
1,2-Dichloropropane.....	1.1	3.5	130	N.D.
1,3-Dichloropropane.....	0.78	2.5	130	N.D.
2,2-Dichloropropane.....	1.9	5.9	130	N.D.
Di-Isopropyl-Ether.....	2.4	7.7	130	N.D.
Ethyl Benzene.....	0.49	1.6	130	2,100

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Soil: C6A:S6
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0178

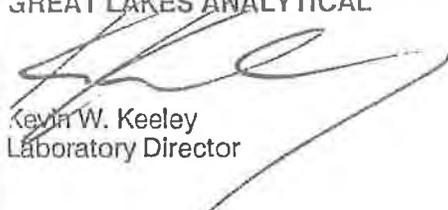
 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 8, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Method Detection Limit µg/kg	Practical Quantitation Limit µg/kg	WDNR Reporting Limit µg/kg Wet Weight	Sample Results µg/kg Dry Weight
Hexachlorobutadiene.....	7.3	23	130	N.D.
Isopropylbenzene.....	1.3	4.3	130	370
p-Isopropyltoluene.....	2.3	7.2	130	580
Methylene chloride.....	0.97	3.1	500	N.D.
Methyl-tert-Butyl-Ether.....	2.2	6.9	130	N.D.
Napthalene.....	3.0	9.6	130	870
n-Propylbenzene.....	0.76	2.4	130	3,000
1,1,2,2-Tetrachloroethane.....	0.33	1.1	130	N.D.
Tetrachloroethene.....	1.8	5.7	130	N.D.
Toluene.....	0.44	1.4	130	N.D.
1,2,3-Trichlorobenzene.....	5.8	18	130	N.D.
1,2,4-Trichlorobenzene.....	6.1	19	130	N.D.
1,1,1-Trichloroethane.....	1.5	4.8	130	N.D.
1,1,2-Trichloroethane.....	0.87	2.8	130	N.D.
Trichloroethene.....	0.93	3.0	130	N.D.
Trichlorofluoromethane.....	2.0	6.4	130	N.D.
1,2,4-Trimethylbenzene.....	0.59	1.9	130	3,500
1,3,5-Trimethylbenzene.....	0.56	1.8	130	1,500
Vinyl chloride.....	1.8	5.7	130	N.D.
Total Xylenes.....	0.38	1.2	130	1,200

Analytes reported as N.D. were not present above the stated limit of reporting. Because matrix effects and/or other factors required additional sample dilution, reporting limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Water: MW R8
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0179

 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 5, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Water: MW R8
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0179

 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 5, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Water: MW R8 Dup
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0180

 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 5, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinder's AST/UST
Sample Descript: Water: MW R8 Dup
Analysis Method: EPA 5030/8021
Lab Number: 512-0180

Sampled: Dec 1, 1995
Received: Dec 4, 1995
Analyzed: Dec 5, 1995
Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinder's AST/UST
Sample Descript: Water: Trip Blank
Analysis Method: EPA 5030/8021
Lab Number: 512-0181

Sampled: Dec 1, 1995
Received: Dec 4, 1995
Analyzed: Dec 5, 1995
Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Sample Descript: Water: Trip Blank
 Analysis Method: EPA 5030/8021
 Lab Number: 512-0181

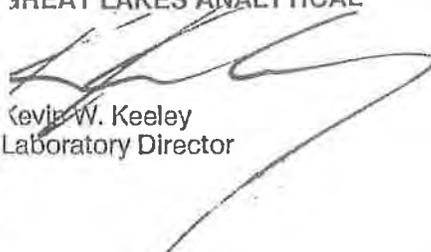
 Sampled: Dec 1, 1995
 Received: Dec 4, 1995
 Analyzed: Dec 5, 1995
 Reported: Dec 11, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

CHAIN OF CUSTODY REPORT

Client: REINDER'S A&T/UST Bill To: Advent TAT: 5 DAY 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.

Address: 1010 Advent, 10845 N. Burnstock Ave Address: _____ DATE RESULTS NEEDED: FIRM RESULTS

Megush, WI 53092 _____ TEMPERATURE UPON RECEIPT: on ice

Report to: JEFF TRACT Phone #: (414) 238-4478 State & Program: _____ Phone #: { }
 Fax #: (414) 238-1900 Fax #: { }

Project: 950227.01 AIR BILL NO. GLA P/u

FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	ANALYSIS TYPE	SAMPLE CONTROL			LABORATORY ID NUMBER
								CRACKED/BROKEN	IMPROPERLY SEALED	GOOD CONDITION	
CZA:54	12/1/95	0854	SOIL	1-MeOH	3	1-4oz 2-2oz	WDNR DRO, WDNR GRO, VOCs Pb			✓	5120173
CZA:57	12/1/95	0906	SOIL	1-MeOH	3	"	WDNR DRO, WDNR GRO, VOCs Pb			✓	5120174
C4A:34	12/1/95	1100	SOIL	1-MeOH	3	"	WDNR DRO, WDNR GRO, VOCs, Pb			✓	5120175
C4A:55	12/1/95	1110	SOIL	1-MeOH	3	"	WDNR GRO, WDNR DRO, VOCs Pb			✓	5120176
C6A:55	12/1/95	0940	SOIL	1-MeOH	3	"	WDNR DRO, WDNR GRO, VOCs Pb			✓	5120177
elk:5b	12/1/95	0853	SOIL	1-MeOH	3	"	WDNR GRO, WDNR DRO, VOCs Pb			✓	5120178
MW RB	12/1/95	1408	H2O	HCl	6	5-4oz 1-1oz	DRO, VOCs, WDNR GRO			✓	5120179
MW RB DUP	12/1/95	1408	H2O	HCl	3	4oz	VOCs			✓	5120180
Trap Blank	12/1/95	1100	H2O	HCl	1	4oz	VOCs			✓	5120181
MeOH Blank	12/1/95	0915	MeOH	MeOH	1	2oz	GRO			✓	5120182

RELINQUISHED	DATE	RECEIVED	DATE
<u>[Signature]</u>	<u>12/4/95</u>	<u>[Signature]</u>	<u>12/4/95</u>
RELINQUISHED	TIME	RECEIVED	TIME
<u>[Signature]</u>	<u>4:45</u>	<u>[Signature]</u>	<u>16:45</u>
RELINQUISHED	DATE	RECEIVED	DATE
<u>[Signature]</u>	<u>12/4/95</u>	<u>[Signature]</u>	<u>12/4/95</u>
RELINQUISHED	TIME	RECEIVED	TIME
<u>[Signature]</u>	<u>4:45</u>	<u>[Signature]</u>	<u>16:45</u>

REMARKS:

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Matrix: Soil

QC Sample Group: 5120173-0178

Reported: Dec 14, 1995

QUALITY CONTROL DATA REPORT
ANALYTE

 Percent
 Solids

Method: 7.3.3.1.5
Analyst: D. DiBrizzi
Units: %

**MATRIX SPIKE
& DUP. DATA**
Date Analyzed: Dec 7, 1995

**Matrix Spike
% Recovery:** 100

**Matrix Spike
Duplicate %
Recovery:** 100

**Relative %
Difference:** 0

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Matrix: Soil

QC Sample Group: 5120173-0178

Reported: Dec 14, 1995

QUALITY CONTROL DATA REPORT
ANALYTE

Lead

Method: 3050/7421
Analyst: A. Mehrabi
Concentration: 1.0
Units: mg/kg

**LAB. CONTROL
SAMPLE DATA**
Date Analyzed: Dec 8, 1995
Instrument I.D.# 1

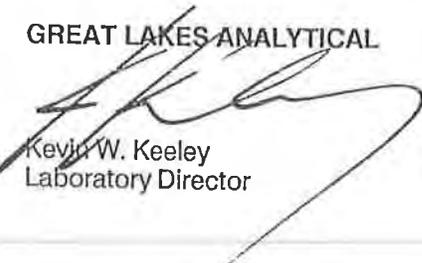
LCS%
Recovery: 91

**MATRIX SPIKE
& DUP. DATA**
Date Analyzed: Dec 8, 1995
Instrument I.D.# 1

Matrix Spike
% Recovery: 100

Matrix Spike
Duplicate %
Recovery: 98

Relative %
Difference: 2.2

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Matrix: Soil
 Method: WDNR DRO
 QC Sample Group: 5120173-0178

Reported: Dec 14, 1995

QUALITY CONTROL DATA REPORT
ANALYTE

WDRO

Method: WDRO
Analyst: J. Wallace
Concentration: 40
Units: mg/kg

**MATRIX SPIKE
DATA**
Date Prepared: Dec 6, 1995
Date Analyzed: Dec 6-7, 1995
Instrument I.D.# GC-10

**Matrix Spike
% Recovery:** 92

**METHOD SPIKE
& DUP. DATA**
Date Prepared: Dec 6, 1995
Date Analyzed: Dec 6-7, 1995
Instrument I.D.# GC-10

**Method Spike
% Recovery:** 97

**Method Spike
Duplicate %
Recovery:** 98

**Relative %
Difference:** 1.0

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinder's AST/UST
Matrix: Water
Method: WDNR DRO
QC Sample Group: 512-0179

Reported: Dec 14, 1995

QUALITY CONTROL DATA REPORT

ANALYTE WDRO

Method: WDRO
Analyst: J. Wallace
Concentration: 1,000
Units: µg/L

METHOD SPIKE & DUP. DATA

Date Prepared: Dec 6, 1995
Date Analyzed: Dec 6, 1995
Instrument I.D.# GC-10

Method Spike
% Recovery: 103

Method Spike
Duplicate %
Recovery: 101

Relative %
Difference: 2.0

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Matrix: Soil
 Method: WDNR GRO
 QC Sample Group: 5120173-0178, 0182

Reported: Dec 14, 1995

QUALITY CONTROL DATA REPORT
ANALYTE

WGRO

Method: WGRO
Analyst: K. Falkson
Concentration: 2,000
Units: ng

**MATRIX SPIKE
DATA**
Date Prepared: Dec 4, 1995
Date Analyzed: Dec 5-7, 1995
Instrument I.D.# GC-11

**Matrix Spike
% Recovery:** 107

**METHOD SPIKE
& DUP. DATA**
Date Prepared: Dec 4, 1995
Date Analyzed: Dec 5-7, 1995
Instrument I.D.# GC-11

**Method Spike
% Recovery:** 99

**Method Spike
Duplicate %
Recovery:** 99

**Relative %
Difference:** 0

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Matrix: Water
 Method: WDNR GRO
 QC Sample Group: 512-0179

Reported: Dec 14, 1995

QUALITY CONTROL DATA REPORT
ANALYTE

WGRO

 Method: WGRO
 Analyst: K. Falkson
 Concentration: 2,000
 Units: ng

**MATRIX SPIKE
DATA**

 Date Analyzed: Dec 15, 1995
 Instrument I.D.# GC-11

 Matrix Spike
 % Recovery: 107

**METHOD SPIKE
& DUP. DATA**

 Date Analyzed: Dec 15, 1995
 Instrument I.D.# GC-11

 Method Spike
 % Recovery: 99

 Method Spike
 Duplicate %
 Recovery: 99

 Relative %
 Difference: 0

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

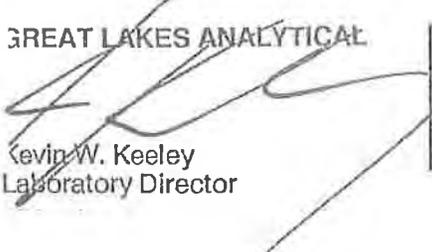
 Client Project ID: Reinder's AST/UST
 Matrix: Soil
 Method: Wisconsin VOC
 QC Sample Group: 5120173-0178

Reported: Dec 14, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	cis 1,2-Dichloro- ethene	Trans 1,2-Dichloro- ethene	Chloroform	1,1,1-Trichloro- ethane	Trichloro- ethene	Chloro- benzene
Method:	8021	8021	8021	8021	8021	8021
Analyst:	D. Parikh	D. Parikh	D. Parikh	D. Parikh	D. Parikh	D. Parikh
Concentration:	50	50	50	50	50	50
Units:	ng	ng	ng	ng	ng	ng
MATRIX SPIKE DATA						
Date Analyzed:	Dec 8, 1995	Dec 8, 1995	Dec 8, 1995	Dec 8, 1995	Dec 8, 1995	Dec 8, 1995
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1	GC-1	GC-1
Matrix Spike % Recovery:	90	94	88	94	104	88
METHOD SPIKE & DUP. DATA						
Date Analyzed:	Dec 8, 1995	Dec 8, 1995	Dec 8, 1995	Dec 8, 1995	Dec 8, 1995	Dec 8, 1995
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1	GC-1	GC-1
Method Spike % Recovery:	90	92	94	94	104	86
Method Spike Duplicate % Recovery:	98	98	102	100	106	96
Relative % Difference:	8.5	6.3	8.2	6.2	1.9	11

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Matrix: Soil
 Method: Wisconsin VOC
 QC Sample Group: 5120173-0178

Reported: Dec 14, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl benzene	Xylene
---------	---------	---------	---------------	--------

Method:	8021	8021	8021	8021
Analyst:	D. Parikh	D. Parikh	D. Parikh	D. Parikh
Concentration:	50	50	50	50
Units:	ng	ng	ng	ng

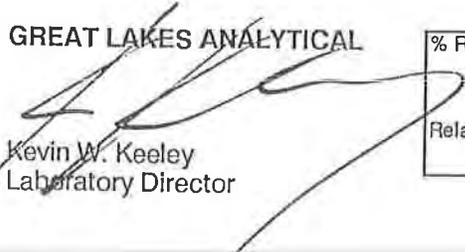
MATRIX SPIKE DATA

Date Analyzed:	Dec 8, 1995	Dec 8, 1995	Dec 8, 1995	Dec 8, 1995
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1
Matrix Spike % Recovery:	88	88	100	106

METHOD SPIKE & DUP. DATA

Date Analyzed:	Dec 8, 1995	Dec 8, 1995	Dec 8, 1995	Dec 8, 1995
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1
Method Spike % Recovery:	88	88	94	100
Method Spike Duplicate % Recovery:	102	100	98	110
Relative % Difference:	15	13	4.2	9.5

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Matrix: Water
 Method: Wisconsin VOC
 QC Sample Group: 5120179-0181

Reported: Dec 14, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	cis 1,2-Dichloro-ethene	Trans 1,2-Dichloro-ethene	Chloroform	1,1,1-Trichloro-ethane	Trichloro-ethene	Chloro-benzene
---------	-------------------------	---------------------------	------------	------------------------	------------------	----------------

Method:	8021	8021	8021	8021	8021	8021
Analyst:	D. Parikh					
Concentration:	50	50	50	50	50	50
Units:	ng	ng	ng	ng	ng	ng

**LAB. CONTROL
SAMPLE DATA**

Date Analyzed:	Dec 4, 1995					
Instrument I.D.#	GC-2	GC-2	GC-2	GC-2	GC-2	GC-2

LCS						
% Recovery:	106	100	96	94	110	90

**METHOD SPIKE
& DUP. DATA**

Date Analyzed:	Dec 4, 1995					
Instrument I.D.#	GC-2	GC-2	GC-2	GC-2	GC-2	GC-2

Method Spike						
% Recovery:	110	106	108	108	108	104

Method Spike Duplicate % Recovery:	96	98	104	106	112	92
---	----	----	-----	-----	-----	----

Relative % Difference:	14	7.8	3.9	1.9	3.6	12
-------------------------------	----	-----	-----	-----	-----	----

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's AST/UST
 Matrix: Water
 Method: Wisconsin VOC
 QC Sample Group: 5120179-0181

Reported: Dec 14, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl benzene	Xylene
---------	---------	---------	---------------	--------

Method:	8021	8021	8021	8021
Analyst:	D. Parikh	D. Parikh	D. Parikh	D. Parikh
Concentration:	50	50	50	50
Units:	ng	ng	ng	ng

LAB. CONTROL SAMPLE DATA

Date Analyzed:	Dec 4, 1995	Dec 4, 1995	Dec 4, 1995	Dec 4, 1995
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1
LCS				
% Recovery:	100	102	104	90

METHOD SPIKE & DUP. DATA

Date Analyzed:	Dec 4, 1995	Dec 4, 1995	Dec 4, 1995	Dec 4, 1995
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1
Method Spike				
% Recovery:	106	104	110	114
Method Spike Duplicate % Recovery:	92	92	96	106
Relative % Difference:	14	12	14	7.3

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

CHAIN OF CUSTODY REPORT

Client: REINDER'S AST/UST Bill To: Advent TAT: 5 DAY 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.
 Address: 10845 N. Burnstock Ave DATE RESULTS NEEDED: FIRM RESULTS
Legion, WI 53092 TEMPERATURE UPON RECEIPT: on site
 Phone #: (414) 238-9988 State & Program: Phone #: () Fax #: () AIR BILL NO. GCA Plus
 Fax #: (414) 238-1988

FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	ANALYSIS TYPE	SAMPLE CONTROL			LABORATORY ID NUMBER
								CRACKED/BROKEN	IMPROPERLY SEALED	GOOD CONDITION	
CZA:54	12/1/95	0854	SOIL	1-MeOH	3	1-4oz 2-2oz	WDNR DRO, WDNR GRO, VOCs Pb			✓	5120173
CZA:57	12/1/95	0906	SOIL	1-MeOH	3	"	WDNR DRO, WDNR GRO, VOCs Pb			✓	5120174
C4A:34	12/1/95	1100	SOIL	1-MeOH	3	"	WDNR DRO, WDNR GRO, VOCs, Pb			✓	5120175
C4A:55	12/1/95	1110	SOIL	1-MeOH	3	"	WDNR GRO, WDNR DRO, VOCs Pb			✓	5120176
C6A:55	12/1/95	0940	SOIL	1-MeOH	3	"	WDNR DRO, WDNR GRO, VOCs Pb			✓	5120177
EGH:56	12/1/95	0953	SOIL	1-MeOH	3	"	WDNR GRO, WDNR DRO, VOCs Pb			✓	5120178
MW RB	12/1/95	1408	H2O	HCL	6	5-4oz 1-12	DRO, VOCs, WDNR GRO			✓	5120179
MW RB DUP	12/1/95	1408	H2O	HCL	3	4oz	VOCs			✓	5120180
Trip Blank	12/1/95	1100	H2O	HCL	1	4oz	VOCs			✓	5120181
MeOH Blank	12/1/95	0915	MeOH	MeOH	1	7oz	GRO			✓	5120182

INQUIRED	DATE	RECEIVED	DATE	RELINQUISHED	DATE	RECEIVED	DATE
<i>[Signature]</i>		<i>[Signature]</i>	12/4/95	<i>[Signature]</i>	4/4/95	<i>[Signature]</i>	12/4/95
INQUIRED	TIME	RECEIVED	TIME	RELINQUISHED	TIME	RECEIVED	TIME
						K. Kull	16:45

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Tel:(715)478-2777 Fax:(715)478-3060

WIS. LAB CERT. NO. 721026460

ANALYTICAL REPORT

PAGE: 1 NLS PROJECT# 29858

Client: Advent Environmental Services
Attn: Jeff Tracy
10845 N. Buntrock Ave., 64W
Mequon, WI 53092

Project Description: Reinders - AST Site
Project Title: 950227.02

Sample ID: Soil, CZA:5-7 NLS#: 116705
Ref. Line 1 of COC 22255 Description: Soil, CZA:5-7
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Solids, total on solids	73.3	%	0.10		EPA 160.3	10/08/96
SPLP Zero Head Space Extraction	yes				SW846 1312	10/03/96
SPLP VOC 8021	see attached Additional Comments: Surrogate recovery was affected by unidentified hydrocarbons.					10/10/96
VOCs (soils) by EPA 8021	see attached Additional Comments: Surrogate recovery was affected by unidentified hydrocarbons.				SW846 8021	10/07/96

Sample ID: Soil, CZA:7-9 NLS#: 116706
Ref. Line 2 of COC 22255 Description: Soil, CZA:7-9
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Solids, total on solids	96.0	%	0.10		EPA 160.3	10/03/96
SPLP Zero Head Space Extraction	yes				SW846 1312	10/03/96
SPLP VOC 8021	see attached Additional Comments: Surrogate recovery was affected by unidentified hydrocarbons.					10/10/96
VOCs (soils) by EPA 8021	see attached Additional Comments: Surrogate recovery was affected by unidentified hydrocarbons.				SW846 8021	10/07/96

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Tel:(715)478-2777 Fax:(715)478-3060

WIS. LAB CERT. NO. 721026460

ANALYTICAL REPORT

PAGE: 2 NLS PROJECT# 29858

Client: Advent Environmental Services
Attn: Jeff Tracy
10845 N. Buntrock Ave., 64W
Mequon, WI 53092

Project Description: Reinders - AST Site
Project Title: 950227.02

Sample ID: Soil, C5B:9-11 NLS#: 116707
Ref. Line 3 of COC 22255 Description: Soil, C5B:9-11
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Solids, total on solids	93.7	%	0.10		EPA 160.3	10/03/96
SPLP Zero Head Space Extraction	yes				SW846 1312	10/05/96
SPLP VOC 8021	see attached					10/10/96
	Additional Comments: Surrogate recovery was affected by unidentified hydrocarbons. Methylene chloride was present in blank at .959 ug/L.					
VOCs (soils) by EPA 8021	see attached				SW846 8021	10/07/96
	Additional Comments: Surrogate recovery was affected by unidentified hydrocarbons.					

Sample ID: Soil, C5B:11-13 NLS#: 116708
Ref. Line 4 of COC 22255 Description: Soil, C5B:11-13
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Solids, total on solids	86.8	%	0.10		EPA 160.3	10/03/96
SPLP Zero Head Space Extraction	yes				SW846 1312	10/05/96
SPLP VOC 8021	see attached					10/10/96
	Additional Comments: Surrogate recovery was affected by unidentified hydrocarbons. Methylene chloride was present in blank at .959 ug/L.					
VOCs (soils) by EPA 8021	see attached				SW846 8021	10/07/96
	Additional Comments: Surrogate recovery was affected by unidentified hydrocarbons.					

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Tel:(715)478-2777 Fax:(715)478-3060

WIS. LAB CERT. NO. 721026460

ANALYTICAL REPORT

PAGE: 3 NLS PROJECT# 29858

Client: Advent Environmental Services
Attn: Jeff Tracy
10845 N. Buntrock Ave., 64W
Mequon, WI 53092

Project Description: Reinders - AST Site
Project Title: 950227.02

Sample ID: Soil, C6A:9-11 NLS#: 116709
Ref. Line 5 of COC 22255 Description: Soil, C6A:9-11
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Solids, total on solids	89.2	%	0.10		EPA 160.3	10/03/96
SPLP Zero Head Space Extraction	yes				SW846 1312	10/06/96
SPLP VOC 8021	see attached					10/10/96
VOCs (soils) by EPA 8021	see attached				SW846 8021	10/07/96

Additional Comments: Surrogate recovery was affected by unidentified hydrocarbons.

Sample ID: Soil, C6A:11-13 NLS#: 116710
Ref. Line 6 of COC 22255 Description: Soil, C6A:11-13
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Solids, total on solids	81.2	%	0.10		EPA 160.3	10/03/96
SPLP Zero Head Space Extraction	yes				SW846 1312	10/06/96
SPLP VOC 8021	see attached					10/09/96
VOCs (soils) by EPA 8021	see attached				SW846 8021	10/04/96

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Tel:(715)478-2777 Fax:(715)478-3060

WIS. LAB CERT. NO. 721026460

ANALYTICAL REPORT

PAGE: 4 NLS PROJECT# 29858

Client: Advent Environmental Services
Attn: Jeff Tracy
10845 N. Buntrock Ave., 64W
Mequon, WI 53092

Project Description: Reinders - AST Site
Project Title: 950227.02

Sample ID: Soil, C12A:9-11 NLS#: 116711
Ref. Line 7 of COC 22255 Description: Soil, C12A:9-11
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Solids, total on solids	92.0	%	0.10		EPA 160.3	10/03/96
SPLP Zero Head Space Extraction	yes				SW846 1312	10/07/96
SPLP VOC 8021	see attached					10/10/96
	Additional Comments: Methylene chloride was present in laboratory blank at 3.18 ug/L.					
VOCs (soils) by EPA 8021	see attached				SW846 8021	10/04/96

Sample ID: Soil, C12A:11-13 NLS#: 116712
Ref. Line 8 of COC 22255 Description: Soil, C12A:11-13
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Solids, total on solids	92.7	%	0.10		EPA 160.3	10/03/96
SPLP Zero Head Space Extraction	yes				SW846 1312	10/07/96
SPLP VOC 8021	see attached					10/14/96
	Additional Comments: Toluene is present as a temporary in-house contaminant. See attachment for details. Methylene chloride was present in laboratory blank at 3.18 ug/L.					
VOCs (soils) by EPA 8021	see attached				SW846 8021	10/04/96

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Tel:(715)478-2777 Fax:(715)478-3060

WIS. LAB CERT. NO. 721026460

ANALYTICAL REPORT

PAGE: 5 NLS PROJECT# 29858

Client: Advent Environmental Services
Attn: Jeff Tracy
10845 N. Buntrock Ave., 64W
Mequon, WI 53092

Project Description: Reinders - AST Site
Project Title: 950227.02

Sample ID: Soil, C13A:9-11 NLS#: 116713
Ref. Line 9 of COC 22255 Description: Soil, C13A:9-11
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Solids, total on solids	93.2	%	0.10		EPA 160.3	10/03/96
SPLP Zero Head Space Extraction	yes				SW846 1312	10/08/96
SPLP VOC 8021	see attached					10/11/96
	Additional Comments: Surrogate recovery was affected by unidentified hydrocarbon.					
VOCs (soils) by EPA 8021	see attached				SW846 8021	10/07/96
	Additional Comments: Surrogate recovery was affected by unidentified hydrocarbons.					

Sample ID: Soil, C13A:11-13 NLS#: 116714
Ref. Line 10 of COC 22255 Description: Soil, C13A:11-13
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Solids, total on solids	90.7	%	0.10		EPA 160.3	10/06/96
SPLP Zero Head Space Extraction	yes				SW846 1312	10/08/96
SPLP VOC 8021	see attached					10/11/96
	Additional Comments: Surrogate recovery was affected by unidentified hydrocarbon.					
VOCs (soils) by EPA 8021	see attached				SW846 8021	10/07/96
	Additional Comments: Surrogate recovery was affected by unidentified hydrocarbons.					

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Tel:(715)478-2777 Fax:(715)478-3060

WIS. LAB CERT. NO. 721026460

ANALYTICAL REPORT

PAGE: 6 NLS PROJECT# 29858

Client: Advent Environmental Services
Attn: Jeff Tracy
10845 N. Buntrock Ave., 64W
Mequon, WI 53092

Project Description: Reinders - AST Site
Project Title: 950227.02

Sample ID: Soil, B1B:7-9 NLS#: 116715
Ref. Line 11 of COC 22255 Description: Soil, B1B:7-9
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Total organic carbon (TOC) on solids	2900	mg/Kg WWB	10	100	SW846 9060	10/15/96

Sample ID: Soil, GP14A:6-8 NLS#: 116716
Ref. Line 12 of COC 22255 Description: Soil, GP14A:6-8
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Total organic carbon (TOC) on solids	2200	mg/Kg WWB	10	100	SW846 9060	10/15/96

Sample ID: Soil, GP14A:12-14 NLS#: 116717
Ref. Line 13 of COC 22255 Description: Soil, GP14A:12-14
Collected: 09/30/96 Received: 10/01/96 Reported: 10/22/96

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Date</u>
Total organic carbon (TOC) on solids	3300	mg/Kg WWB	10	100	SW846 9060	10/15/96

Please note that analytical results greater than the LOD but less than the LOQ are within a region of "Less-Certain Quantitation".
Results greater than the LOQ are considered to be in the region of "Certain Quantitation".

LOD = Limit of Detection
DWB = Dry Weight Basis

LOQ = Limit of Quantitation
NA = Not Applicable

ND = Not Detected
%DWB = (mg/kg DWB)/10000
Date = Date Analysis Performed

Jerry Bock
Reviewed by:

Authorized by:
R. T. Krueger
Laboratory Manager

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 1

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116705 Soil, CZA:5-7 ug/kg	Confirmation Method
Benzene	370	1300	ND	
Bromobenzene	830	2800	ND	
Bromochloromethane	380	1300	ND	
Bromodichloromethane	1100	3500	ND	
Bromoform	540	1800	ND	
Bromomethane	510	1800	ND	
n-Butylbenzene	420	1500	7500	not required
sec-Butylbenzene	590	2000	5800	not required
tert-Butylbenzene	380	1300	2100	not required
Carbon Tetrachloride	600	2000	ND	
Chlorobenzene	1000	3600	ND	
Chloroethane	560	1900	ND	
Chloroform	430	1500	ND	
Chloromethane	460	1500	ND	
2-Chlorotoluene	460	1600	ND	
4-Chlorotoluene	580	2000	ND	
Dibromochloromethane	380	1300	ND	
1,2-Dibromo-3-Chloropropane	280	920	ND	
1,2-Dibromoethane	260	870	ND	
Dibromomethane	290	1000	ND	
1,2-Dichlorobenzene	380	1300	ND	
1,3-Dichlorobenzene	380	1300	ND	
1,4-Dichlorobenzene	500	1700	ND	
Dichlorodifluoromethane	520	1800	ND	
1,1-Dichloroethane	610	2000	ND	
1,2-Dichloroethane	400	1400	ND	
1,1-Dichloroethene	570	2000	ND	
cis-1,2-Dichloroethene	420	1400	ND	
trans-1,2-Dichloroethene	540	1900	ND	
1,2-Dichloropropane	1100	3800	ND	
1,3-Dichloropropane	320	1000	ND	
2,2-Dichloropropane	840	2800	ND	
1,1-Dichloropropene	650	2200	ND	
cis-1,3-Dichloropropene	540	1900	ND	
trans-1,3-Dichloropropene	280	1400	ND	
Ethylbenzene	1000	3600	ND	
Hexachlorobutadiene	1200	2300	ND	
Isopropylbenzene	380	1300	5500	not required
p-Isopropyltoluene	330	1100	5100	not required
Methylene chloride	410	1400	ND	
Naphthalene	660	2200	20000	not required
n-Propylbenzene	400	1400	2300	not required
ortho-Xylene/Styrene	500	1700	1900	not required
1,1,1,2-Tetrachloroethane	300	980	ND	
1,1,2,2-Tetrachloroethane	300	980	ND	
Tetrachloroethene	620	2200	ND	
Toluene	380	1300	ND	
1,2,3-Trichlorobenzene	440	1400	ND	
1,2,4-Trichlorobenzene	1100	7300	ND	
1,1,1-Trichloroethane	600	2100	ND	
1,1,2-Trichloroethane	1100	3900	ND	
Trichloroethene	380	1300	ND	
Trichlorofluoromethane	580	1900	ND	
1,2,3-Trichloropropane	540	1900	ND	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 2

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116705 Soil, CZA:5-7 ug/kg	Confirmation Method
1,2,4-Trimethylbenzene	360	1200	9700	not required
1,3,5-Trimethylbenzene	380	1300	1000	not required
Vinyl chloride	840	2900	ND	
meta,para-Xylene	720	2400	ND	
tert-Butylmethyl ether	820	2800	ND	
Isopropyl ether	1100	3600	ND	
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 174 %				
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 102 %				

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 3

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116706 Soil, CZA:7-9 ug/kg	Confirmation Method
Benzene	370	1300	ND	
Bromobenzene	830	2800	ND	
Bromochloromethane	380	1300	ND	
Bromodichloromethane	1100	3500	ND	
Bromoform	540	1800	ND	
Bromomethane	510	1800	ND	
n-Butylbenzene	420	1500	8000	not required
sec-Butylbenzene	590	2000	7900	not required
tert-Butylbenzene	380	1300	2800	not required
Carbon Tetrachloride	600	2000	ND	
Chlorobenzene	1000	3600	ND	
Chloroethane	560	1900	ND	
Chloroform	430	1500	ND	
Chloromethane	460	1500	ND	
2-Chlorotoluene	460	1600	ND	
4-Chlorotoluene	580	2000	ND	
Dibromochloromethane	380	1300	ND	
1,2-Dibromo-3-Chloropropane	280	920	ND	
1,2-Dibromoethane	260	870	ND	
Dibromomethane	290	1000	ND	
1,2-Dichlorobenzene	380	1300	ND	
1,3-Dichlorobenzene	380	1300	ND	
1,4-Dichlorobenzene	500	1700	ND	
Dichlorodifluoromethane	520	1800	ND	
1,1-Dichloroethane	610	2000	ND	
1,2-Dichloroethane	400	1400	ND	
1,1-Dichloroethene	570	2000	ND	
cis-1,2-Dichloroethene	420	1400	ND	
trans-1,2-Dichloroethene	540	1900	ND	
1,2-Dichloropropane	1100	3800	ND	
1,3-Dichloropropane	320	1000	ND	
2,2-Dichloropropane	840	2800	ND	
1,1-Dichloropropene	650	2200	ND	
cis-1,3-Dichloropropene	540	1900	ND	
trans-1,3-Dichloropropene	280	1400	ND	
Ethylbenzene	1000	3600	ND	
Hexachlorobutadiene	1200	2300	ND	
Isopropylbenzene	380	1300	2300	not required
p-Isopropyltoluene	330	1100	3800	not required
Methylene chloride	410	1400	ND	
Naphthalene	660	2200	8200	not required
n-Propylbenzene	400	1400	3600	not required
ortho-Xylene/Styrene	500	1700	2500	not required
1,1,1,2-Tetrachloroethane	300	980	ND	
1,1,2,2-Tetrachloroethane	300	980	ND	
Tetrachloroethene	620	2200	ND	
Toluene	380	1300	500	not required
1,2,3-Trichlorobenzene	440	1400	ND	
1,2,4-Trichlorobenzene	1100	7300	ND	
1,1,1-Trichloroethane	600	2100	ND	
1,1,2-Trichloroethane	1100	3900	ND	
Trichloroethene	380	1300	ND	
Trichlorofluoromethane	580	1900	ND	
1,2,3-Trichloropropane	540	1900	ND	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract
Page: 4

Customer: Advent Environmental Services
Project Description: Reinders - AST Site Project Title: 950227.02
Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116706 Soil, CZA:7-9 ug/kg	Confirmation Method
1,2,4-Trimethylbenzene	360	1200	17000	not required
1,3,5-Trimethylbenzene	380	1300	1600	not required
Vinyl chloride	840	2900	ND	
meta,para-Xylene	720	2400	820	
tert-Butylmethyl ether	820	2800	ND	not required
Isopropyl ether	1100	3600	ND	
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 161 %				
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 97.5 %				

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 5

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116707 Soil, C5B:9-11 ug/kg	Confirmation Method
Benzene	150	510	ND	
Bromobenzene	330	1100	ND	
Bromochloromethane	150	520	ND	
Bromodichloromethane	440	1400	ND	
Bromoform	210	740	ND	
Bromomethane	200	700	ND	
n-Butylbenzene	170	590	1200	not required
sec-Butylbenzene	240	810	1200	not required
tert-Butylbenzene	150	520	610	not required
Carbon Tetrachloride	240	790	ND	
Chlorobenzene	410	1400	ND	
Chloroethane	230	780	ND	
Chloroform	170	590	ND	
Chloromethane	180	610	ND	
2-Chlorotoluene	180	630	ND	
4-Chlorotoluene	230	790	ND	
Dibromochloromethane	150	520	ND	
1,2-Dibromo-3-Chloropropane	110	370	ND	
1,2-Dibromoethane	100	350	ND	
Dibromomethane	120	400	ND	
1,2-Dichlorobenzene	150	520	ND	
1,3-Dichlorobenzene	150	530	ND	
1,4-Dichlorobenzene	200	680	ND	
Dichlorodifluoromethane	210	710	ND	
1,1-Dichloroethane	240	810	ND	
1,2-Dichloroethane	160	550	ND	
1,1-Dichloroethene	230	790	ND	
cis-1,2-Dichloroethene	170	580	ND	
trans-1,2-Dichloroethene	220	750	ND	
1,2-Dichloropropane	450	1500	ND	
1,3-Dichloropropane	130	420	ND	
2,2-Dichloropropane	330	1100	ND	
1,1-Dichloropropene	260	900	ND	
cis-1,3-Dichloropropene	220	740	ND	
trans-1,3-Dichloropropene	110	580	ND	
Ethylbenzene	420	1400	ND	
Hexachlorobutadiene	500	940	ND	
Isopropylbenzene	150	520	220	not required
p-Isopropyltoluene	130	450	2500	not required
Methylene chloride	160	550	ND	
Naphthalene	260	880	3800	not required
n-Propylbenzene	160	550	ND	
ortho-Xylene/Styrene	200	660	260	not required
1,1,1,2-Tetrachloroethane	120	390	ND	
1,1,2,2-Tetrachloroethane	120	390	ND	
Tetrachloroethene	250	860	ND	
Toluene	150	520	ND	
1,2,3-Trichlorobenzene	170	580	ND	
1,2,4-Trichlorobenzene	450	2900	ND	
1,1,1-Trichloroethane	240	830	ND	
1,1,2-Trichloroethane	460	1600	ND	
Trichloroethene	150	520	ND	
Trichlorofluoromethane	230	770	ND	
1,2,3-Trichloropropane	220	750	ND	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract
Page: 6

Customer: Advent Environmental Services
Project Description: Reinders - AST Site Project Title: 950227.02
Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116707 Soil, C5B:9-11 ug/kg	Confirmation Method
1,2,4-Trimethylbenzene	140	490	ND	
1,3,5-Trimethylbenzene	150	510	ND	
Vinyl chloride	340	1200	ND	
meta,para-Xylene	290	980	ND	
tert-Butylmethyl ether	330	1100	ND	
Isopropyl ether	450	1400	ND	
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 150 %				
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 102 %				

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 7

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116708 Soil, CSB:11-13 ug/kg	Confirmation Method
Benzene	180	630	ND	
Bromobenzene	420	1400	ND	
Bromochloromethane	190	650	ND	
Bromodichloromethane	550	1800	ND	
Bromoform	270	920	ND	
Bromomethane	260	880	ND	
n-Butylbenzene	210	730	4700	not required
sec-Butylbenzene	300	1000	4300	not required
tert-Butylbenzene	190	650	3100	not required
Carbon Tetrachloride	300	990	ND	
Chlorobenzene	520	1800	ND	
Chloroethane	280	970	ND	
Chloroform	220	740	ND	
Chloromethane	230	760	ND	
2-Chlorotoluene	230	790	ND	
4-Chlorotoluene	290	990	ND	
Dibromochloromethane	190	650	ND	
1,2-Dibromo-3-Chloropropane	140	460	ND	
1,2-Dibromoethane	130	440	ND	
Dibromomethane	140	500	ND	
1,2-Dichlorobenzene	190	640	ND	
1,3-Dichlorobenzene	190	660	ND	
1,4-Dichlorobenzene	250	860	ND	
Dichlorodifluoromethane	260	890	ND	
1,1-Dichloroethane	300	1000	ND	
1,2-Dichloroethane	200	690	ND	
1,1-Dichloroethene	280	990	ND	
cis-1,2-Dichloroethene	210	720	ND	
trans-1,2-Dichloroethene	270	940	ND	
1,2-Dichloropropane	560	1900	ND	
1,3-Dichloropropane	160	520	ND	
2,2-Dichloropropane	420	1400	ND	
1,1-Dichloropropene	320	1100	ND	
cis-1,3-Dichloropropene	270	930	ND	
trans-1,3-Dichloropropene	140	720	ND	
Ethylbenzene	520	1800	ND	
Hexachlorobutadiene	620	1200	ND	
Isopropylbenzene	190	650	2000	not required
p-Isopropyltoluene	160	570	2600	not required
Methylene chloride	200	680	ND	
Naphthalene	330	1100	9700	not required
n-Propylbenzene	200	680	4600	not required
ortho-Xylene/Styrene	250	830	1900	not required
1,1,1,2-Tetrachloroethane	150	490	ND	
1,1,2,2-Tetrachloroethane	150	490	ND	
Tetrachloroethene	310	1100	ND	
Toluene	190	650	ND	
1,2,3-Trichlorobenzene	220	720	ND	
1,2,4-Trichlorobenzene	560	3700	ND	
1,1,1-Trichloroethane	300	1000	ND	
1,1,2-Trichloroethane	570	2000	ND	
Trichloroethene	190	650	ND	
Trichlorofluoromethane	290	960	ND	
1,2,3-Trichloropropane	270	940	ND	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 8

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116708 Soil, CSB:11-13 ug/kg	Confirmation Method
1,2,4-Trimethylbenzene	180	620	970	not required
1,3,5-Trimethylbenzene	190	640	800	not required
Vinyl chloride	420	1400	ND	
meta,para-Xylene	360	1200	ND	
tert-Butylmethyl ether	410	1400	ND	
Isopropyl ether	570	1800	ND	
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 181 %				
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 103 %				

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 9

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116709 Soil, C6A:9-11 ug/kg	Confirmation Method
Benzene	150	510	ND	
Bromobenzene	330	1100	ND	
Bromochloromethane	150	520	ND	
Bromodichloromethane	440	1400	ND	
Bromoform	210	740	ND	
Bromomethane	200	700	ND	
n-Butylbenzene	170	590	1900	not required
sec-Butylbenzene	240	810	1200	not required
tert-Butylbenzene	150	520	810	not required
Carbon Tetrachloride	240	790	ND	
Chlorobenzene	410	1400	ND	
Chloroethane	230	780	ND	
Chloroform	170	590	ND	
Chloromethane	180	610	ND	
2-Chlorotoluene	180	630	ND	
4-Chlorotoluene	230	790	ND	
Dibromochloromethane	150	520	ND	
1,2-Dibromo-3-Chloropropane	110	370	ND	
1,2-Dibromoethane	100	350	ND	
Dibromomethane	120	400	ND	
1,2-Dichlorobenzene	150	520	ND	
1,3-Dichlorobenzene	150	530	ND	
1,4-Dichlorobenzene	200	680	ND	
Dichlorodifluoromethane	210	710	ND	
1,1-Dichloroethane	240	810	ND	
1,2-Dichloroethane	160	550	ND	
1,1-Dichloroethene	230	790	ND	
cis-1,2-Dichloroethene	170	580	ND	
trans-1,2-Dichloroethene	220	750	ND	
1,2-Dichloropropane	450	1500	ND	
1,3-Dichloropropane	130	420	ND	
2,2-Dichloropropane	330	1100	ND	
1,1-Dichloropropene	260	900	ND	
cis-1,3-Dichloropropene	220	740	ND	
trans-1,3-Dichloropropene	110	580	ND	
Ethylbenzene	420	1400	ND	
Hexachlorobutadiene	500	940	ND	
Isopropylbenzene	150	520	430	not required
p-Isopropyltoluene	130	450	2600	not required
Methylene chloride	160	550	ND	
Naphthalene	260	880	3700	not required
n-Propylbenzene	160	550	750	not required
ortho-Xylene/Styrene	200	660	420	not required
1,1,1,2-Tetrachloroethane	120	390	ND	
1,1,2,2-Tetrachloroethane	120	390	ND	
Tetrachloroethene	250	860	ND	
Toluene	150	520	ND	
1,2,3-Trichlorobenzene	170	580	ND	
1,2,4-Trichlorobenzene	450	2900	ND	
1,1,1-Trichloroethane	240	830	ND	
1,1,2-Trichloroethane	460	1600	ND	
Trichloroethene	150	520	ND	
Trichlorofluoromethane	230	770	ND	
1,2,3-Trichloropropane	220	750	ND	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 10

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD <u>ug/kg</u>	LOQ <u>ug/kg</u>	116709 Soil, C6A:9-11 <u>ug/kg</u>	Confirmation Method
1,2,4-Trimethylbenzene	140	490	660	not required
1,3,5-Trimethylbenzene	150	510	ND	
Vinyl chloride	340	1200	ND	
meta,para-Xylene	290	980	ND	
tert-Butylmethyl ether	330	1100	ND	
Isopropyl ether	450	1400	ND	
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 165 %				
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 104 %				

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 11

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116710 Soil, C6A:11-13 ug/kg	Confirmation Method
Benzene	7.4	25	ND	
Bromobenzene	17	57	ND	
Bromochloromethane	7.6	26	ND	
Bromodichloromethane	22	70	ND	
Bromoform	11	37	ND	
Bromomethane	10	35	ND	
n-Butylbenzene	8.5	29	9.4	not required
sec-Butylbenzene	12	41	20	not required
tert-Butylbenzene	7.5	26	ND	
Carbon Tetrachloride	12	40	ND	
Chlorobenzene	21	71	ND	
Chloroethane	11	39	ND	
Chloroform	8.6	30	ND	
Chloromethane	9.1	30	ND	
2-Chlorotoluene	9.2	32	ND	
4-Chlorotoluene	12	40	ND	
Dibromochloromethane	7.6	26	ND	
1,2-Dibromo-3-Chloropropane	5.6	18	ND	
1,2-Dibromoethane	5.2	17	ND	
Dibromomethane	5.8	20	ND	
1,2-Dichlorobenzene	7.5	26	ND	
1,3-Dichlorobenzene	7.7	27	ND	
1,4-Dichlorobenzene	9.9	34	ND	
Dichlorodifluoromethane	10	36	ND	
1,1-Dichloroethane	12	41	ND	
1,2-Dichloroethane	8.1	28	ND	
1,1-Dichloroethene	11	39	ND	
cis-1,2-Dichloroethene	8.4	29	ND	
trans-1,2-Dichloroethene	11	38	ND	
1,2-Dichloropropane	22	77	ND	
1,3-Dichloropropane	6.3	21	ND	
2,2-Dichloropropane	17	56	ND	
1,1-Dichloropropene	13	45	ND	
cis-1,3-Dichloropropene	11	37	ND	
trans-1,3-Dichloropropene	5.7	29	ND	
Ethylbenzene	21	72	ND	
Hexachlorobutadiene	25	47	ND	
Isopropylbenzene	7.6	26	99	not required
p-Isopropyltoluene	6.6	23	8.4	not required
Methylene chloride	8.2	27	ND	
Naphthalene	13	44	150	not required
n-Propylbenzene	8.0	27	33	confirmed by method EPA 8021
ortho-Xylene/Styrene	10	33	ND	
1,1,1,2-Tetrachloroethane	5.9	20	ND	
1,1,2,2-Tetrachloroethane	5.9	20	ND	
Tetrachloroethene	12	43	ND	
Toluene	7.6	26	ND	
1,2,3-Trichlorobenzene	8.7	29	ND	
1,2,4-Trichlorobenzene	22	150	ND	
1,1,1-Trichloroethane	12	41	ND	
1,1,2-Trichloroethane	23	78	ND	
Trichloroethene	7.6	26	ND	
Trichlorofluoromethane	12	38	ND	
1,2,3-Trichloropropane	11	38	ND	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 12

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD <u>ug/kg</u>	LOQ <u>ug/kg</u>	116710 Soil, C6A:11-13 <u>ug/kg</u>	Confirmation Method
1,2,4-Trimethylbenzene	7.2	25	ND	
1,3,5-Trimethylbenzene	7.5	26	ND	
Vinyl chloride	17	58	ND	
meta,para-Xylene	14	49	ND	
tert-Butylmethyl ether	16	56	ND	
Isopropyl ether	23	72	ND	
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 93.5 %				
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 100 %				

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 13

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116711 Soil, C12A:9-11 ug/kg	Confirmation Method
Benzene	7.4	25	ND	
Bromobenzene	17	57	ND	
Bromochloromethane	7.6	26	ND	
Bromodichloromethane	22	70	ND	
Bromoform	11	37	ND	
Bromomethane	10	35	ND	
n-Butylbenzene	8.5	29	ND	
sec-Butylbenzene	12	41	ND	
tert-Butylbenzene	7.5	26	ND	
Carbon Tetrachloride	12	40	ND	
Chlorobenzene	21	71	ND	
Chloroethane	11	39	ND	
Chloroform	8.6	30	ND	
Chloromethane	9.1	30	ND	
2-Chlorotoluene	9.2	32	ND	
4-Chlorotoluene	12	40	ND	
Dibromochloromethane	7.6	26	ND	
1,2-Dibromo-3-Chloropropane	5.6	18	ND	
1,2-Dibromoethane	5.2	17	ND	
Dibromomethane	5.8	20	ND	
1,2-Dichlorobenzene	7.5	26	ND	
1,3-Dichlorobenzene	7.7	27	ND	
1,4-Dichlorobenzene	9.9	34	ND	
Dichlorodifluoromethane	10	36	ND	
1,1-Dichloroethane	12	41	ND	
1,2-Dichloroethane	8.1	28	ND	
1,1-Dichloroethene	11	39	ND	
cis-1,2-Dichloroethene	8.4	29	ND	
trans-1,2-Dichloroethene	11	38	ND	
1,2-Dichloropropane	22	77	ND	
1,3-Dichloropropane	6.3	21	ND	
2,2-Dichloropropane	17	56	ND	
1,1-Dichloropropene	13	45	ND	
cis-1,3-Dichloropropene	11	37	ND	
trans-1,3-Dichloropropene	5.7	29	ND	
Ethylbenzene	21	72	ND	
Hexachlorobutadiene	25	47	ND	
Isopropylbenzene	7.6	26	ND	
p-Isopropyltoluene	6.6	23	ND	
Methylene chloride	8.2	27	ND	
Naphthalene	13	44	ND	
n-Propylbenzene	8.0	27	ND	
ortho-Xylene/Styrene	10	33	ND	
1,1,1,2-Tetrachloroethane	5.9	20	ND	
1,1,2,2-Tetrachloroethane	5.9	20	ND	
Tetrachloroethene	12	43	120	not required
Toluene	7.6	26	ND	
1,2,3-Trichlorobenzene	8.7	29	ND	
1,2,4-Trichlorobenzene	22	150	ND	
1,1,1-Trichloroethane	12	41	ND	
1,1,2-Trichloroethane	23	78	ND	
Trichloroethene	7.6	26	ND	
Trichlorofluoromethane	12	38	ND	
1,2,3-Trichloropropane	11	38	ND	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 14

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD <u>ug/kg</u>	LOQ <u>ug/kg</u>	116711 Soil, C12A:9-11 <u>ug/kg</u>	<u>Confirmation Method</u>
1,2,4-Trimethylbenzene	7.2	25	ND	
1,3,5-Trimethylbenzene	7.5	26	ND	
Vinyl chloride	17	58	ND	
meta,para-Xylene	14	49	ND	
tert-Butylmethyl ether	16	56	ND	
Isopropyl ether	23	72	ND	
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 81.7 %				
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 93.2 %				

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 15

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116712 Soil, C12A:11-13 ug/kg	Confirmation Method
Benzene	7.4	25	ND	
Bromobenzene	17	57	ND	
Bromochloromethane	7.6	26	ND	
Bromodichloromethane	22	70	ND	
Bromoform	11	37	ND	
Bromomethane	10	35	ND	
n-Butylbenzene	8.5	29	ND	
sec-Butylbenzene	12	41	ND	
tert-Butylbenzene	7.5	26	ND	
Carbon Tetrachloride	12	40	ND	
Chlorobenzene	21	71	ND	
Chloroethane	11	39	ND	
Chloroform	8.6	30	ND	
Chloromethane	9.1	30	ND	
2-Chlorotoluene	9.2	32	ND	
4-Chlorotoluene	12	40	ND	
Dibromochloromethane	7.6	26	ND	
1,2-Dibromo-3-Chloropropane	5.6	18	ND	
1,2-Dibromoethane	5.2	17	ND	
Dibromomethane	5.8	20	ND	
1,2-Dichlorobenzene	7.5	26	ND	
1,3-Dichlorobenzene	7.7	27	ND	
1,4-Dichlorobenzene	9.9	34	ND	
Dichlorodifluoromethane	10	36	ND	
1,1-Dichloroethane	12	41	ND	
1,2-Dichloroethane	8.1	28	ND	
1,1-Dichloroethene	11	39	ND	
cis-1,2-Dichloroethene	8.4	29	ND	
trans-1,2-Dichloroethene	11	38	ND	
1,2-Dichloropropane	22	77	ND	
1,3-Dichloropropane	6.3	21	ND	
2,2-Dichloropropane	17	56	ND	
1,1-Dichloropropene	13	45	ND	
cis-1,3-Dichloropropene	11	37	ND	
trans-1,3-Dichloropropene	5.7	29	ND	
Ethylbenzene	21	72	ND	
Hexachlorobutadiene	25	47	ND	
Isopropylbenzene	7.6	26	ND	
p-Isopropyltoluene	6.6	23	ND	
Methylene chloride	8.2	27	ND	
Naphthalene	13	44	ND	
n-Propylbenzene	8.0	27	ND	
ortho-Xylene/Styrene	10	33	ND	
1,1,1,2-Tetrachloroethane	5.9	20	ND	
1,1,2,2-Tetrachloroethane	5.9	20	ND	
Tetrachloroethene	12	43	ND	
Toluene	7.6	26	ND	
1,2,3-Trichlorobenzene	8.7	29	ND	
1,2,4-Trichlorobenzene	22	150	ND	
1,1,1-Trichloroethane	12	41	ND	
1,1,2-Trichloroethane	23	78	ND	
Trichloroethene	7.6	26	ND	
Trichlorofluoromethane	12	38	ND	
1,2,3-Trichloropropane	11	38	ND	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 16

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/kg	LOQ ug/kg	116712 Soil, C12A:11-13 ug/kg	Confirmation Method
1,2,4-Trimethylbenzene	7.2	25	ND	
1,3,5-Trimethylbenzene	7.5	26	ND	
Vinyl chloride	17	58	ND	
meta,para-Xylene	14	49	ND	
tert-Butylmethyl ether	16	56	ND	
Isopropyl ether	23	72	ND	
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 82.4 %				
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 99.0 %				

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 17

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD	LOQ	116713 Soil, C13A:9-11	Confirmation Method
	ug/kg	ug/kg	ug/kg	
Benzene	180	630	ND	
Bromobenzene	420	1400	ND	
Bromochloromethane	190	650	ND	
Bromodichloromethane	550	1800	ND	
Bromoform	270	920	ND	
Bromomethane	260	880	ND	
n-Butylbenzene	210	730	3100	not required
sec-Butylbenzene	300	1000	2800	not required
tert-Butylbenzene	190	650	2000	not required
Carbon Tetrachloride	300	990	ND	
Chlorobenzene	520	1800	ND	
Chloroethane	280	970	ND	
Chloroform	220	740	ND	
Chloromethane	230	760	ND	
2-Chlorotoluene	230	790	ND	
4-Chlorotoluene	290	990	ND	
Dibromochloromethane	190	650	ND	
1,2-Dibromo-3-Chloropropane	140	460	ND	
1,2-Dibromoethane	130	440	ND	
Dibromomethane	140	500	ND	
1,2-Dichlorobenzene	190	640	ND	
1,3-Dichlorobenzene	190	660	ND	
1,4-Dichlorobenzene	250	860	ND	
Dichlorodifluoromethane	260	890	ND	
1,1-Dichloroethane	300	1000	ND	
1,2-Dichloroethane	200	690	ND	
1,1-Dichloroethene	280	990	ND	
cis-1,2-Dichloroethene	210	720	ND	
trans-1,2-Dichloroethene	270	940	ND	
1,2-Dichloropropane	560	1900	ND	
1,3-Dichloropropane	160	520	ND	
2,2-Dichloropropane	420	1400	ND	
1,1-Dichloropropene	320	1100	ND	
cis-1,3-Dichloropropene	270	930	ND	
trans-1,3-Dichloropropene	140	720	ND	
Ethylbenzene	520	1800	ND	
Hexachlorobutadiene	620	1200	ND	
Isopropylbenzene	190	650	1100	not required
p-Isopropyltoluene	160	570	1300	not required
Methylene chloride	200	680	ND	
Naphthalene	330	1100	5100	not required
n-Propylbenzene	200	680	1900	not required
ortho-Xylene/Styrene	250	830	1400	not required
1,1,1,2-Tetrachloroethane	150	490	ND	
1,1,2,2-Tetrachloroethane	150	490	ND	
Tetrachloroethene	310	1100	ND	
Toluene	190	650	ND	
1,2,3-Trichlorobenzene	220	720	ND	
1,2,4-Trichlorobenzene	560	3700	ND	
1,1,1-Trichloroethane	300	1000	ND	
1,1,2-Trichloroethane	570	2000	ND	
Trichloroethene	190	650	ND	
Trichlorofluoromethane	290	960	ND	
1,2,3-Trichloropropane	270	940	ND	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 18

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD <u>ug/kg</u>	LOQ <u>ug/kg</u>	116713 Soil, C13A:9-11 <u>ug/kg</u>	Confirmation Method
1,2,4-Trimethylbenzene	180	620	790	not required
1,3,5-Trimethylbenzene	190	640	300	not required
Vinyl chloride	420	1400	ND	
meta,para-Xylene	360	1200	ND	
tert-Butylmethyl ether	410	1400	ND	
Isopropyl ether	570	1800	ND	
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 162 %				
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 105 %				

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 19

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte	LOD	LOQ	116714 Soil, C13A:11-13	Confirmation Method
Name	ug/kg	ug/kg	ug/kg	
Benzene	370	1300	ND	
Bromobenzene	830	2800	ND	
Bromochloromethane	380	1300	ND	
Bromodichloromethane	1100	3500	ND	
Bromoform	540	1800	ND	
Bromomethane	510	1800	ND	
n-Butylbenzene	420	1500	9700	not required
sec-Butylbenzene	590	2000	6300	not required
tert-Butylbenzene	380	1300	4000	not required
Carbon Tetrachloride	600	2000	ND	
Chlorobenzene	1000	3600	ND	
Chloroethane	560	1900	ND	
Chloroform	430	1500	ND	
Chloromethane	460	1500	ND	
2-Chlorotoluene	460	1600	ND	
4-Chlorotoluene	580	2000	ND	
Dibromochloromethane	380	1300	ND	
1,2-Dibromo-3-Chloropropane	280	920	ND	
1,2-Dibromoethane	260	870	ND	
Dibromomethane	290	1000	ND	
1,2-Dichlorobenzene	380	1300	ND	
1,3-Dichlorobenzene	380	1300	ND	
1,4-Dichlorobenzene	500	1700	ND	
Dichlorodifluoromethane	520	1800	ND	
1,1-Dichloroethane	610	2000	ND	
1,2-Dichloroethane	400	1400	ND	
1,1-Dichloroethene	570	2000	ND	
cis-1,2-Dichloroethene	420	1400	ND	
trans-1,2-Dichloroethene	540	1900	ND	
1,2-Dichloropropane	1100	3800	ND	
1,3-Dichloropropane	320	1000	ND	
2,2-Dichloropropane	840	2800	ND	
1,1-Dichloropropene	650	2200	ND	
cis-1,3-Dichloropropene	540	1900	ND	
trans-1,3-Dichloropropene	280	1400	ND	
Ethylbenzene	1000	3600	2700	not required
Hexachlorobutadiene	1200	2300	ND	
Isopropylbenzene	380	1300	3100	not required
p-Isopropyltoluene	330	1100	3300	not required
Methylene chloride	410	1400	ND	
Naphthalene	660	2200	11000	not required
n-Propylbenzene	400	1400	6000	not required
ortho-Xylene/Styrene	500	1700	ND	
1,1,1,2-Tetrachloroethane	300	980	ND	
1,1,2,2-Tetrachloroethane	300	980	ND	
Tetrachloroethene	620	2200	ND	
Toluene	380	1300	ND	
1,2,3-Trichlorobenzene	440	1400	ND	
1,2,4-Trichlorobenzene	1100	7300	ND	
1,1,1-Trichloroethane	600	2100	ND	
1,1,2-Trichloroethane	1100	3900	ND	
Trichloroethene	380	1300	ND	
Trichlorofluoromethane	580	1900	ND	
1,2,3-Trichloropropane	540	1900	ND	

Customer: Advent Environmental Services
Project Description: Reinders - AST Site Project Title: 950227.02
Northern Lake Service Project Number: 29858

Analyte Name	LOD <u>ug/L</u>	LOQ <u>ug/L</u>	116705 Soil, CZA:5-7 <u>ug/L</u>
1,2,4-Trimethylbenzene	1.2	4.1	67
1,3,5-Trimethylbenzene	3.8	13	ND
Vinyl chloride	2.0	6.5	ND
meta,para-Xylene	5.8	20	7.2
tert-Butylmethyl ether	4.4	15	ND
Isopropyl ether	5.2	18	ND
Styrene	7.1	25	ND
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 154 %			
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 103 %			

Customer: Advent Environmental Services
Project Description: Reinders - AST Site Project Title: 950227.02
Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/L	LOQ ug/L	116706 Soil, CZA:7-9 ug/L
Benzene	2.6	8.8	ND
Bromobenzene	7.9	27	ND
Bromochloromethane	2.9	10	ND
Bromodichloromethane	3.5	12	ND
Bromoform	3.5	12	ND
Bromomethane	2.5	8.6	ND
n-Butylbenzene	1.3	4.4	9.9
sec-Butylbenzene	3.2	11	5.6
tert-Butylbenzene	3.0	10	ND
Carbon Tetrachloride	2.7	9.2	ND
Chlorobenzene	2.8	9.7	ND
Chloroethane	2.6	9.0	ND
Chloroform	1.1	3.4	ND
Chloromethane	2.6	8.9	ND
2-Chlorotoluene	3.4	12	ND
4-Chlorotoluene	4.4	15	ND
Dibromochloromethane	2.8	9.8	ND
1,2-Dibromo-3-Chloropropane	11	39	ND
1,2-Dibromoethane	3.1	11	ND
Dibromomethane	2.2	7.5	ND
1,2-Dichlorobenzene	3.8	13	ND
1,3-Dichlorobenzene	3.4	12	ND
1,4-Dichlorobenzene	4.0	14	ND
Dichlorodifluoromethane	2.6	8.8	ND
1,1-Dichloroethane	3.2	11	ND
1,2-Dichloroethane	2.5	8.4	ND
1,1-Dichloroethene	2.6	9.1	ND
cis-1,2-Dichloroethene	2.8	9.8	ND
trans-1,2-Dichloroethene	2.6	9.1	ND
1,2-Dichloropropane	2.6	9.0	ND
1,3-Dichloropropane	2.8	9.6	ND
2,2-Dichloropropane	4.1	14	ND
1,1-Dichloropropene	2.6	9.0	ND
cis-1,3-Dichloropropene	1.2	4.0	ND
trans-1,3-Dichloropropene	2.6	8.9	ND
Ethylbenzene	2.8	9.5	ND
Hexachlorobutadiene	5.1	18	ND
Isopropylbenzene	2.2	7.5	5.9
p-Isopropyltoluene	2.5	9.8	ND
Methylene chloride	2.8	9.8	ND
Naphthalene	3.6	12	18
n-Propylbenzene	3.1	11	12
ortho-Xylene	2.7	9.4	ND
1,1,1,2-Tetrachloroethane	3.1	11	ND
1,1,2,2-Tetrachloroethane	4.6	16	ND
Tetrachloroethene	2.8	9.8	ND
Toluene	2.6	8.9	ND
1,2,3-Trichlorobenzene	3.9	13	ND
1,2,4-Trichlorobenzene	3.2	11	ND
1,1,1-Trichloroethane	3.2	11	ND
1,1,2-Trichloroethane	2.8	9.6	ND
Trichloroethene	2.6	8.9	ND
Trichlorofluoromethane	3.4	12	ND
1,2,3-Trichloropropane	8.0	27	ND

Customer: Advent Environmental Services
Project Description: Reinders - AST Site Project Title: 950227.02
Northern Lake Service Project Number: 29858

Analyte	LOD	LOQ	116706 Soil, CZA:7-9
<u>Name</u>	<u>ug/L</u>	<u>ug/L</u>	<u>ug/L</u>
1,2,4-Trimethylbenzene	1.2	4.1	110
1,3,5-Trimethylbenzene	3.8	13	ND
Vinyl chloride	2.0	6.5	ND
meta,para-Xylene	5.8	20	ND
tert-Butylmethyl ether	4.4	15	ND
Isopropyl ether	5.2	18	ND
Styrene	7.1	25	ND
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 171 %			
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 104 %			

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/L	LOQ ug/L	116707 Soil, CSB:9-11 ug/L
Benzene	0.23	0.78	ND
Bromobenzene	0.40	1.4	ND
Bromochloromethane	0.22	0.74	ND
Bromodichloromethane	0.32	1.1	ND
Bromoform	0.12	0.37	ND
Bromomethane	0.22	0.72	ND
n-Butylbenzene	0.34	1.2	2.4
sec-Butylbenzene	0.27	0.93	1.2
tert-Butylbenzene	0.36	1.2	0.92
Carbon Tetrachloride	0.22	0.75	ND
Chlorobenzene	0.24	0.83	ND
Chloroethane	0.23	0.80	ND
Chloroform	0.29	0.99	ND
Chloromethane	0.24	0.83	ND
2-Chlorotoluene	0.32	1.1	ND
4-Chlorotoluene	0.31	1.2	ND
Dibromochloromethane	0.31	1.0	ND
1,2-Dibromo-3-Chloropropane	0.55	1.9	ND
1,2-Dibromoethane	0.95	3.2	ND
Dibromomethane	0.52	1.8	ND
1,2-Dichlorobenzene	0.43	1.5	ND
1,3-Dichlorobenzene	0.30	1.0	ND
1,4-Dichlorobenzene	0.27	0.93	ND
Dichlorodifluoromethane	0.36	1.2	ND
1,1-Dichloroethane	0.35	1.2	ND
1,2-Dichloroethane	0.32	1.1	ND
1,1-Dichloroethene	0.25	0.87	ND
cis-1,2-Dichloroethene	0.22	0.74	ND
trans-1,2-Dichloroethene	0.35	1.2	ND
1,2-Dichloropropane	0.29	1.0	ND
1,3-Dichloropropane	0.29	1.0	ND
2,2-Dichloropropane	0.72	2.5	ND
1,1-Dichloropropene	0.26	0.90	ND
cis-1,3-Dichloropropene	0.12	0.40	ND
trans-1,3-Dichloropropene	0.088	0.29	ND
Ethylbenzene	0.26	0.89	ND
Hexachlorobutadiene	0.28	0.97	ND
Isopropylbenzene	0.26	0.91	1.0
p-Isopropyltoluene	0.31	1.1	ND
Methylene chloride	0.25	0.85	0.90
Naphthalene	0.32	1.2	1.0
n-Propylbenzene	0.28	0.97	1.8
ortho-Xylene/Styrene	0.41	1.6	1.7
1,1,1,2-Tetrachloroethane	0.76	2.6	ND
1,1,2,2-Tetrachloroethane	0.21	0.73	ND
Tetrachloroethene	0.21	0.83	ND
Toluene	0.22	0.76	0.71
1,2,3-Trichlorobenzene	0.31	1.1	ND
1,2,4-Trichlorobenzene	0.35	1.2	ND
1,1,1-Trichloroethane	0.32	1.1	ND
1,1,2-Trichloroethane	0.27	0.93	ND
Trichloroethene	0.25	0.85	ND
Trichlorofluoromethane	0.20	0.71	ND
1,2,3-Trichloropropane	0.26	0.86	ND

Customer: Advent Environmental Services
Project Description: Reinders - AST Site Project Title: 950227.02
Northern Lake Service Project Number: 29858

Analyte Name	LOD <u>ug/L</u>	LOQ <u>ug/L</u>	116707 Soil, C5B:9-11 <u>ug/L</u>
1,2,4-Trimethylbenzene	0.28	0.98	3.3
1,3,5-Trimethylbenzene	0.56	1.9	0.86
Vinyl chloride	0.12	0.40	ND
meta,para-Xylene	0.52	1.8	1.7
tert-Butylmethyl ether	0.26	0.98	ND
Isopropyl ether	0.22	0.74	ND
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 151 %			
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 122 %			

Customer: Advent Environmental Services
Project Description: Reinders - AST Site Project Title: 950227.02
Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/L	LOQ ug/L	116708 Soil, CSB:11-13 ug/L
Benzene	0.23	0.78	ND
Bromobenzene	0.40	1.4	ND
Bromochloromethane	0.22	0.74	ND
Bromodichloromethane	0.32	1.1	ND
Bromoform	0.12	0.37	ND
Bromomethane	0.22	0.72	ND
n-Butylbenzene	0.34	1.2	6.4
sec-Butylbenzene	0.27	0.93	2.6
tert-Butylbenzene	0.36	1.2	1.1
Carbon Tetrachloride	0.22	0.75	ND
Chlorobenzene	0.24	0.83	ND
Chloroethane	0.23	0.80	ND
Chloroform	0.29	0.99	ND
Chloromethane	0.24	0.83	ND
2-Chlorotoluene	0.32	1.1	ND
4-Chlorotoluene	0.31	1.2	ND
Dibromochloromethane	0.31	1.0	ND
1,2-Dibromo-3-Chloropropane	0.55	1.9	ND
1,2-Dibromoethane	0.95	3.2	ND
Dibromomethane	0.52	1.8	ND
1,2-Dichlorobenzene	0.43	1.5	ND
1,3-Dichlorobenzene	0.30	1.0	ND
1,4-Dichlorobenzene	0.27	0.93	ND
Dichlorodifluoromethane	0.36	1.2	ND
1,1-Dichloroethane	0.35	1.2	ND
1,2-Dichloroethane	0.32	1.1	ND
1,1-Dichloroethene	0.25	0.87	ND
cis-1,2-Dichloroethene	0.22	0.74	ND
trans-1,2-Dichloroethene	0.35	1.2	ND
1,2-Dichloropropane	0.29	1.0	ND
1,3-Dichloropropane	0.29	1.0	ND
2,2-Dichloropropane	0.72	2.5	ND
1,1-Dichloropropene	0.26	0.90	ND
cis-1,3-Dichloropropene	0.12	0.40	ND
trans-1,3-Dichloropropene	0.088	0.29	ND
Ethylbenzene	0.26	0.89	2.4
Hexachlorobutadiene	0.28	0.97	ND
Isopropylbenzene	0.26	0.91	1.9
p-Isopropyltoluene	0.31	1.1	ND
Methylene chloride	0.25	0.85	1.7
Naphthalene	0.32	1.2	5.9
n-Propylbenzene	0.28	0.97	3.9
ortho-Xylene/Styrene	0.41	1.6	1.9
1,1,1,2-Tetrachloroethane	0.76	2.6	ND
1,1,2,2-Tetrachloroethane	0.21	0.73	ND
Tetrachloroethene	0.21	0.83	ND
Toluene	0.22	0.76	0.82
1,2,3-Trichlorobenzene	0.31	1.1	ND
1,2,4-Trichlorobenzene	0.35	1.2	ND
1,1,1-Trichloroethane	0.32	1.1	ND
1,1,2-Trichloroethane	0.27	0.93	ND
Trichloroethene	0.25	0.85	ND
Trichlorofluoromethane	0.20	0.71	ND
1,2,3-Trichloropropane	0.26	0.86	ND

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte	LOD	LOQ	116708 Soil, C5B:11-13
<u>Name</u>	<u>ug/L</u>	<u>ug/L</u>	<u>ug/L</u>
1,2,4-Trimethylbenzene	0.28	0.98	0.90
1,3,5-Trimethylbenzene	0.56	1.9	0.80
Vinyl chloride	0.12	0.40	ND
meta,para-Xylene	0.52	1.8	2.4
tert-Butylmethyl ether	0.26	0.98	ND
Isopropyl ether	0.22	0.74	ND
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 173 %			
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 116 %			

Customer: Advent Environmental Services
Project Description: Reinders - AST Site Project Title: 950227.02
Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/L	LOQ ug/L	116709 Soil, C6A:9-11 ug/L
Benzene	0.51	1.8	ND
Bromobenzene	1.6	5.4	ND
Bromochloromethane	0.58	2.0	ND
Bromodichloromethane	0.71	2.4	ND
Bromoform	0.71	2.4	ND
Bromomethane	0.50	1.7	ND
n-Butylbenzene	0.25	0.88	8.1
sec-Butylbenzene	0.63	2.2	2.7
tert-Butylbenzene	0.59	2.0	ND
Carbon Tetrachloride	0.54	1.8	ND
Chlorobenzene	0.56	1.9	ND
Chloroethane	0.52	1.8	ND
Chloroform	0.22	0.69	ND
Chloromethane	0.52	1.8	ND
2-Chlorotoluene	0.68	2.3	ND
4-Chlorotoluene	0.88	3.1	ND
Dibromochloromethane	0.57	2.0	ND
1,2-Dibromo-3-Chloropropane	2.3	7.8	ND
1,2-Dibromoethane	0.62	2.1	ND
Dibromomethane	0.43	1.5	ND
1,2-Dichlorobenzene	0.75	2.6	ND
1,3-Dichlorobenzene	0.68	2.3	ND
1,4-Dichlorobenzene	0.80	2.8	ND
Dichlorodifluoromethane	0.51	1.8	ND
1,1-Dichloroethane	0.64	2.2	ND
1,2-Dichloroethane	0.51	1.7	ND
1,1-Dichloroethene	0.53	1.8	ND
cis-1,2-Dichloroethene	0.57	2.0	ND
trans-1,2-Dichloroethene	0.53	1.8	ND
1,2-Dichloropropane	0.52	1.8	ND
1,3-Dichloropropane	0.56	1.9	ND
2,2-Dichloropropane	0.82	2.8	ND
1,1-Dichloropropene	0.52	1.8	ND
cis-1,3-Dichloropropene	0.23	0.79	ND
trans-1,3-Dichloropropene	0.52	1.8	ND
Ethylbenzene	0.55	1.9	ND
Hexachlorobutadiene	1.0	3.5	ND
Isopropylbenzene	0.43	1.5	ND
p-Isopropyltoluene	0.50	2.0	ND
Methylene chloride	0.57	2.0	ND
Naphthalene	0.71	2.4	8.1
n-Propylbenzene	0.62	2.1	7.4
ortho-Xylene	0.54	1.9	ND
1,1,1,2-Tetrachloroethane	0.63	2.2	ND
1,1,2,2-Tetrachloroethane	0.91	3.1	ND
Tetrachloroethene	0.57	2.0	ND
Toluene	0.51	1.8	ND
1,2,3-Trichlorobenzene	0.78	2.7	ND
1,2,4-Trichlorobenzene	0.64	2.1	ND
1,1,1-Trichloroethane	0.64	2.2	ND
1,1,2-Trichloroethane	0.56	1.9	ND
Trichloroethene	0.52	1.8	ND
Trichlorofluoromethane	0.67	2.3	ND
1,2,3-Trichloropropane	1.6	5.5	ND

Customer: Advent Environmental Services
Project Description: Reinders - AST Site Project Title: 950227.02
Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/L	LOQ ug/L	116712 Soil, C12A:11-13 ug/L
1,2,4-Trimethylbenzene	0.28	0.98	ND
1,3,5-Trimethylbenzene	0.56	1.9	ND
Vinyl chloride	0.12	0.40	ND
meta,para-Xylene	0.52	1.8	ND
tert-Butylmethyl ether	0.26	0.98	ND
Isopropyl ether	0.22	0.74	ND
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 98.7 %			
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 105 %			

Customer: Advent Environmental Services

Project Description: Reinders - AST Site Project Title: 950227.02

Northern Lake Service Project Number: 29858

Analyte Name	LOD ug/L	LOQ ug/L	116713 Soil, C13A:9-11 ug/L
Benzene	0.23	0.78	ND
Bromobenzene	0.40	1.4	ND
Bromochloromethane	0.22	0.74	ND
Bromodichloromethane	0.32	1.1	ND
Bromoform	0.12	0.37	ND
Bromomethane	0.22	0.72	ND
n-Butylbenzene	0.34	1.2	7.0
sec-Butylbenzene	0.27	0.93	4.1
tert-Butylbenzene	0.36	1.2	1.3
Carbon Tetrachloride	0.22	0.75	ND
Chlorobenzene	0.24	0.83	ND
Chloroethane	0.23	0.80	ND
Chloroform	0.29	0.99	ND
Chloromethane	0.24	0.83	ND
2-Chlorotoluene	0.32	1.1	ND
4-Chlorotoluene	0.31	1.2	ND
Dibromochloromethane	0.31	1.0	ND
1,2-Dibromo-3-Chloropropane	0.55	1.9	ND
1,2-Dibromoethane	0.95	3.2	ND
Dibromomethane	0.52	1.8	ND
1,2-Dichlorobenzene	0.43	1.5	ND
1,3-Dichlorobenzene	0.30	1.0	ND
1,4-Dichlorobenzene	0.27	0.93	ND
Dichlorodifluoromethane	0.36	1.2	ND
1,1-Dichloroethane	0.35	1.2	ND
1,2-Dichloroethane	0.32	1.1	ND
1,1-Dichloroethene	0.25	0.87	ND
cis-1,2-Dichloroethene	0.22	0.74	ND
trans-1,2-Dichloroethene	0.35	1.2	ND
1,2-Dichloropropane	0.29	1.0	ND
1,3-Dichloropropane	0.29	1.0	ND
2,2-Dichloropropane	0.72	2.5	ND
1,1-Dichloropropene	0.26	0.90	ND
cis-1,3-Dichloropropene	0.12	0.40	ND
trans-1,3-Dichloropropene	0.088	0.29	ND
Ethylbenzene	0.26	0.89	0.92
Hexachlorobutadiene	0.28	0.97	ND
Isopropylbenzene	0.26	0.91	2.5
p-Isopropyltoluene	0.31	1.1	ND
Methylene chloride	0.25	0.85	0.82
Naphthalene	0.32	1.2	10
n-Propylbenzene	0.28	0.97	5.4
ortho-Xylene/Styrene	0.41	1.6	1.9
1,1,1,2-Tetrachloroethane	0.76	2.6	ND
1,1,2,2-Tetrachloroethane	0.21	0.73	ND
Tetrachloroethene	0.21	0.83	ND
Toluene	0.22	0.76	0.78
1,2,3-Trichlorobenzene	0.31	1.1	ND
1,2,4-Trichlorobenzene	0.35	1.2	ND
1,1,1-Trichloroethane	0.32	1.1	ND
1,1,2-Trichloroethane	0.27	0.93	ND
Trichloroethene	0.25	0.85	ND
Trichlorofluoromethane	0.20	0.71	ND
1,2,3-Trichloropropane	0.26	0.86	ND

Customer: Advent Environmental Services
Project Description: Reinders - AST Site Project Title: 950227.02
Northern Lake Service Project Number: 29858

Analyte Name	LOD <u>ug/L</u>	LOQ <u>ug/L</u>	116714 Soil, C13A:11-13 <u>ug/L</u>
1,2,4-Trimethylbenzene	0.28	0.98	46
1,3,5-Trimethylbenzene	0.56	1.9	6.7
Vinyl chloride	0.12	0.40	ND
meta,para-Xylene	0.52	1.8	7.4
tert-Butylmethyl ether	0.26	0.98	ND
Isopropyl ether	0.22	0.74	ND
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 143 %			
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 116 %			

ADDITIONAL INFORMATION REGARDING VOLATILES ANALYSES ON SAMPLES
INCLUDED IN NLS PROJECT NO. 29858 .

Please note that low levels of toluene may have been detected on some or all samples in the above project. During the week of October 14 through 18, 1996, a new rubber roof was installed on the NLS building housing our volatiles labs. The procedure required the use of organic cleaners and glue in which toluene is the main solvent. Steps were taken to minimize contamination inside the building, but toluene was still detected in method blanks and samples at various concentrations. In most cases detections were below the level of quantification and may be considered insignificant.

If you have further questions or would like us to discuss this with your regulatory contact, please feel free to contact Steve Crupi, our Client Services Manager.



NORTHERN LAKE SERVICE, INC.

Analytical Laboratory and Environmental Services

400 North Lake Avenue • Crandon, WI 54520

Tel: (715) 478-2777 • Fax: (715) 478-3060

NO. 22255

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460

RETURN THIS FORM WITH SAMPLES.

CLIENT <i>AMERIT ENVIRONMENTAL</i>			PROJECT TITLE <i>REINOURS - AST SITE</i>		
ADDRESS <i>10815 N. BUNTRUCK AVE.</i>			PROJECT NO. <i>950227.CZ</i>		P.O. NO.
CITY <i>MEDUN</i>	STATE <i>WI</i>	ZIP <i>53092</i>	CONTACT <i>JEFF TRACY</i>		PHONE <i>(414) 238-1998</i>

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION		SAMPLE TYPE	GRAB/COMP.	CONTAINER/PRESERVATIVE					COLLECTION REMARKS
			DATE	TIME								
1.	116705	CZA:5-7	9/30/96	0815	SOIL	GRAZ	G/M	G/M	G/NP	G/NP	P/NP	VOCs, SPBP VOCs
2.	116706	CZA:7-9	9/30/96	0820	SOIL	GRAZ	G/M	G/M	G/NP	G/NP	P/NP	VOCs, SPBP VOCs
3.	116707	CSB:9-11	9/30/96	0900	SOIL	"	G/M	G/M	G/NP	G/NP	P/NP	VOCs, SPBP VOC
4.	116708	CSB:11-13	9/30/96	0905	SOIL	"	G/M	G/M	G/NP	G/NP	P/NP	VOCs, SPBP VOC
5.	116709	CLA:9-11	9/30/96	0930	SOIL	"	G/M	G/M	G/NP	G/NP	P/NP	VOCs, SPBP VOC
6.	116710	CLA:11-13	9/30/96	0935	SOIL	"	G/M	G/M	G/NP	G/NP	P/NP	VOCs, SPBP VOCs
7.	116711	CZA:9-11	9/30/96	1050	SOIL	"	G/M	G/M	G/NP	G/NP	P/NP	VOCs, SPBP VOCs
8.	116712	CZA:11-13	9/30/96	1100	SOIL	"	G/M	G/M	G/NP	G/NP	P/NP	VOCs, SPBP VOCs
9.	116713	CZA:9-11	9/30/96	1002	SOIL	"	G/M	G/M	G/NP	G/NP	P/NP	VOCs, SPBP VOCs
10.	116714	CZA:11-13	9/30/96	1012	SOIL	"	G/M	G/M	G/NP	G/NP	P/NP	VOCs, SPBP VOCs
11.	116715	BIB:7-9	9/30/96	1140	SOIL	"	G/NP					TOC
12.	116716	EPIA:6-8	9/30/96	1200	SOIL	"	G/NP					TOC
	116717	LOIAs: 7-14	9/30/96	1215	SOIL	"	G/NP					TOC

SAMPLE TYPE: SW = surface water DW = drinking water PROD = product WW = wastewater TIS = tissue SOIL = soil GW = groundwater AIR = air SED = sediment describe others			CONTAINER PRESERVATIVES & PREPARATION P = plastic NP = nothing added OH = sodium hydroxide G = glass S = sulfuric acid HA = hydrochloric & V = glass vial N = nitric acid ascorbic acid B = plastic bag Z = zinc acetate H = hydrochloric acid describe others <i>Method</i> F = field filtered		
---	--	--	--	--	--

COLLECTED BY (signature) <i>[Signature]</i>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME
RELINQUISHED BY (signature) <i>[Signature]</i>	RECEIVED BY (signature) <i>Cowley</i>	DATE/TIME <i>10/1/96</i>
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT	DATE/TIME

RECEIVED AT NLS BY (signature) <i>[Signature]</i>	DATE/TIME <i>10-1-96 10:10</i>	CONDITION <i>on ice</i>	TEMP.
SEAL INTACT? <input type="checkbox"/> YES <input type="checkbox"/> NO	SEAL #	REMARKS & OTHER INFORMATION <i>TEMP BLANK INCLUDED</i>	
<i>Quote # 96618 Dunham</i>			

IMPORTANT: 1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE SHIPPER CONTAINING THE SAMPLES DESCRIBED
 2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
 3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.

DUPLICATE COPY

NORTHERN LAKE SERVICE, INC.

400. NORTH LAKE AVENUE

CRANDON, WI 54520 (715)478-2777

ORDER OF ANALYSIS

RESULTS ORDERED BY: JEFF TRACY ADVANT ENVIRONMENTAL 10845 N. BUNTROCK AVE MEDWON, WI 53092	CHAIN OF CUSTODY RECORD NUMBER: 22255
	QUOTATION NUMBER: 96618
	ANALYZE FOR DISSOLVED OR TOTAL PARAMETERS?
SEND RESULTS TO: JEFF TRACY	SEND INVOICE TO: REINOLDERS, INC. c/o ADVANT ENVIRONMENTAL 10845 N. BUNTROCK AVE. MEDWON, WI 53092

Note "L" for low level ICP analysis, and "F" for furnace analysis.

Samples on line #s: 1-10 to be analyzed for the parameters checked below:

- | | | | |
|---|---|---|--|
| <input type="checkbox"/> Alkalinity, total | <input type="checkbox"/> Cyanide, total | <input type="checkbox"/> Phenols | <input type="checkbox"/> Acid Extractables by 625/8270 |
| <input type="checkbox"/> Alkalinity, bicarb. | <input type="checkbox"/> Amenable | <input type="checkbox"/> Phosphorus, total | <input type="checkbox"/> Base/Neutral Extractables by 625/8270 |
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Fluoride | <input type="checkbox"/> Tot. reactive | <input type="checkbox"/> BNAs by 625/8270 |
| <input type="checkbox"/> Antimony | <input type="checkbox"/> Hardness | <input type="checkbox"/> Dis. reactive | <input type="checkbox"/> Chlorinated Hydrocarbons by 612 |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Iron | <input type="checkbox"/> Potassium | <input type="checkbox"/> Haloethers by 611 |
| <input type="checkbox"/> Barium | <input type="checkbox"/> Lead | <input type="checkbox"/> Selenium | <input type="checkbox"/> Nitrosamines by 607 |
| <input type="checkbox"/> Beryllium | <input type="checkbox"/> Magnesium | <input type="checkbox"/> Silica | <input type="checkbox"/> Pesticides-Organochlorine by 608/8080 |
| <input type="checkbox"/> B.O.D.-5 | <input type="checkbox"/> Manganese | <input type="checkbox"/> Silver | <input type="checkbox"/> Pesticides-Organophosphate by 8141 |
| <input type="checkbox"/> Boron | <input type="checkbox"/> Mercury | <input type="checkbox"/> Sodium | <input type="checkbox"/> PCBs by 608/8080 |
| <input type="checkbox"/> Cadmium | <input type="checkbox"/> Molybdenum | <input type="checkbox"/> Solids, total | <input type="checkbox"/> Phenols by GC 604/8040 |
| <input type="checkbox"/> Calcium | <input type="checkbox"/> Nickel | <input type="checkbox"/> Tot. dissolved | <input type="checkbox"/> Phenoxy Acid Herbicides by 8150 |
| <input type="checkbox"/> C.O.D. | <input type="checkbox"/> Nitrogen, total | <input type="checkbox"/> Tot. suspended | <input type="checkbox"/> TCLP-metals <input type="checkbox"/> TCLP-VOCs <input type="checkbox"/> TCLP-BNAs |
| <input type="checkbox"/> Chloride | <input type="checkbox"/> Ammonia | <input type="checkbox"/> Sulfate | <input checked="" type="checkbox"/> TCLP-pesticides/herbicides |
| <input type="checkbox"/> Chromium | <input type="checkbox"/> Nitrate | <input type="checkbox"/> Sulfide | <input checked="" type="checkbox"/> VOCs by EPA 601+602 or 8010+8020 |
| <input type="checkbox"/> Chromium, hexavalent | <input type="checkbox"/> Nitrite | <input type="checkbox"/> Surfactants (MBAS) | <input type="checkbox"/> -by EPA 8021 |
| <input type="checkbox"/> Cobalt | <input type="checkbox"/> Nitrate + Nitrite | <input type="checkbox"/> Thallium | <input type="checkbox"/> -by EPA 624/8260 |
| <input type="checkbox"/> Coliform, fecal | <input type="checkbox"/> Total Kjeldahl | <input type="checkbox"/> Tin | <input type="checkbox"/> -by EPA 524.2 (SDWA) |
| <input type="checkbox"/> Coliform, total | <input type="checkbox"/> Total Organic | <input type="checkbox"/> T.O.C. | <input type="checkbox"/> BTEX by 8020 |
| <input type="checkbox"/> Color | <input type="checkbox"/> Oil & Grease | <input type="checkbox"/> Turbidity | <input type="checkbox"/> PVOCs by 8020 |
| <input type="checkbox"/> Conductivity | <input checked="" type="checkbox"/> pH | <input type="checkbox"/> Vanadium | <input type="checkbox"/> GRO-WI Modified <input type="checkbox"/> GRO + PVOCs |
| <input type="checkbox"/> Copper | <input checked="" type="checkbox"/> <i>Dry Weight</i> | <input type="checkbox"/> Zinc | <input type="checkbox"/> DRO-WI Modified |
| | <input checked="" type="checkbox"/> <i>SPLA VOCs</i> | <input type="checkbox"/> Munic. Sludge, WI List | <input type="checkbox"/> PAHs by 610LC/8310 |

Samples on line #s: 11-12 to be analyzed for the parameters checked below:

- | | | | |
|---|--|---|--|
| <input type="checkbox"/> Alkalinity, total | <input type="checkbox"/> Cyanide, total | <input type="checkbox"/> Phenols | <input type="checkbox"/> Acid Extractables by 625/8270 |
| <input type="checkbox"/> Alkalinity, bicarb. | <input type="checkbox"/> Amenable | <input type="checkbox"/> Phosphorus, total | <input type="checkbox"/> Base/Neutral Extractables by 625/8270 |
| <input type="checkbox"/> Aluminum | <input type="checkbox"/> Fluoride | <input type="checkbox"/> Tot. reactive | <input type="checkbox"/> BNAs by 625/8270 |
| <input type="checkbox"/> Antimony | <input type="checkbox"/> Hardness | <input type="checkbox"/> Dis. reactive | <input type="checkbox"/> Chlorinated Hydrocarbons by 612 |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Iron | <input type="checkbox"/> Potassium | <input type="checkbox"/> Haloethers by 611 |
| <input type="checkbox"/> Barium | <input type="checkbox"/> Lead | <input type="checkbox"/> Selenium | <input type="checkbox"/> Nitrosamines by 607 |
| <input type="checkbox"/> Beryllium | <input type="checkbox"/> Magnesium | <input type="checkbox"/> Silica | <input type="checkbox"/> Pesticides-Organochlorine by 608/8080 |
| <input type="checkbox"/> B.O.D.-5 | <input type="checkbox"/> Manganese | <input type="checkbox"/> Silver | <input type="checkbox"/> Pesticides-Organophosphate by 8141 |
| <input type="checkbox"/> Boron | <input type="checkbox"/> Mercury | <input type="checkbox"/> Sodium | <input type="checkbox"/> PCBs by 608/8080 |
| <input type="checkbox"/> Cadmium | <input type="checkbox"/> Molybdenum | <input type="checkbox"/> Solids, total | <input type="checkbox"/> Phenols by GC 604/8040 |
| <input type="checkbox"/> Calcium | <input type="checkbox"/> Nickel | <input type="checkbox"/> Tot. dissolved | <input type="checkbox"/> Phenoxy Acid Herbicides by 8150 |
| <input type="checkbox"/> C.O.D. | <input type="checkbox"/> Nitrogen, total | <input type="checkbox"/> Tot. suspended | <input type="checkbox"/> TCLP-metals <input type="checkbox"/> TCLP-VOCs <input type="checkbox"/> TCLP-BNAs |
| <input type="checkbox"/> Chloride | <input type="checkbox"/> Ammonia | <input type="checkbox"/> Sulfate | <input type="checkbox"/> TCLP-pesticides/herbicides |
| <input type="checkbox"/> Chromium | <input type="checkbox"/> Nitrate | <input type="checkbox"/> Sulfide | <input type="checkbox"/> VOCs by EPA 601+602 or 8010+8020 |
| <input type="checkbox"/> Chromium, hexavalent | <input type="checkbox"/> Nitrite | <input type="checkbox"/> Surfactants (MBAS) | <input type="checkbox"/> -by EPA 8021 |
| <input type="checkbox"/> Cobalt | <input type="checkbox"/> Nitrate + Nitrite | <input type="checkbox"/> Thallium | <input type="checkbox"/> -by EPA 624/8260 |
| <input type="checkbox"/> Coliform, fecal | <input type="checkbox"/> Total Kjeldahl | <input type="checkbox"/> Tin | <input type="checkbox"/> -by EPA 524.2 (SDWA) |
| <input type="checkbox"/> Coliform, total | <input type="checkbox"/> Total Organic | <input checked="" type="checkbox"/> T.O.C. | <input type="checkbox"/> BTEX by 8020 |
| <input type="checkbox"/> Color | <input type="checkbox"/> Oil & Grease | <input type="checkbox"/> Turbidity | <input type="checkbox"/> PVOCs by 8020 |
| <input type="checkbox"/> Conductivity | <input type="checkbox"/> pH | <input type="checkbox"/> Vanadium | <input type="checkbox"/> GRO-WI Modified <input type="checkbox"/> GRO + PVOCs |
| <input type="checkbox"/> Copper | | <input type="checkbox"/> Zinc | <input type="checkbox"/> DRO-WI Modified |
| | | <input type="checkbox"/> Munic. Sludge, WI List | <input type="checkbox"/> PAHs by 610LC/8310 |

SPECIAL INSTRUCTIONS:

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Tel:(715)478-2777 Fax:(715)478-3060

WIS. LAB CERT. NO. 721026460

ANALYTICAL REPORT

PAGE: 1

NLS PROJECT# 32996

Client: Advent Environmental Services
Attn: Jeff Tracy
10845 N. Buntrock Ave., 64W
Mequon, WI 53092

Project Description: Reinders AST/UST Site
Project Title: 950227.01

Sample ID: Soil, GP15:S4 NLS#: 131200
Ref. Line 1 of COC 25403 Description: Soil, GP15:S4
Collected: 03/18/97 Received: 03/20/97 Reported: 04/15/97

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Analyzed Lab</u>
Solids, total on solids	76.5	%	0.10		EPA 160.3	03/21/97 721026460
VOCs (soils) by EPA 8021	see attached				SW846 8021	03/31/97 721026460
	Additional Comments: High surrogate recovery is due to sample matrix.					
	Sample diluted to prevent instrument contamination.					
GRO (soil)	1300	mg/Kg DWB	80	280	WI MOD GRO	04/04/97 721026460
	Additional Comments: spike-105%, duplicate-108%, surrogate-169%					
	High surrogate value is due to matrix effects. Peaks are present after the GRO quantitation window.					
DRO (solid)	5600	mg/Kg DWB	140	450	WI MOD DRO	03/26/97 721026460
	Additional Comments: spike-99%, duplicate-95%, surrogate-99%					
	Peaks present before the DRO quantitation window.					
Organics Extraction (DRO)	yes				WI MOD DRO	03/21/97 721026460

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Tel:(715)478-2777 Fax:(715)478-3060

WIS. LAB CERT. NO. 721026460

ANALYTICAL REPORT

PAGE: 2 NLS PROJECT# 32996

Client: Advent Environmental Services
 Attn: Jeff Tracy
 10845 N. Buntrock Ave., 64W
 Mequon, WI 53092

Project Description: Reinders AST/UST Site
 Project Title: 950227.01

Sample ID: Soil, GP15:S5 NLS#: 131201
 Ref. Line 2 of COC 25403 Description: Soil, GP15:S5
 Collected: 03/18/97 Received: 03/20/97 Reported: 04/15/97

Parameter	Result	Units	LOD	LOQ	Method	Analyzed Lab
Solids, total on solids	91.4	%				
VOCs (soils) by EPA 8021	see attached		0.10		EPA 160.3	03/21/97 721026460
	Additional Comments: High surrogate recovery is due to sample matrix.					
GRO (soil)	Sample diluted to prevent instrument contamination.					
	1100	mg/Kg DWB	80	280	WI MOD GRO	04/04/97 721026460
	Additional Comments: spike-105%, duplicate-108%, surrogate-163%					
	High surrogate value is due to matrix effects. Peaks are present after the GRO quantitation window.					
DRO (solid)	4500	mg/Kg DWB	140	450	WI MOD DRO	03/26/97 721026460
	Additional Comments: spike-99%, duplicate-95%, surrogate-107%					
Organics Extraction (DRO)	yes				WI MOD DRO	03/21/97 721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Tel:(715)478-2777 Fax:(715)478-3060

WIS. LAB CERT. NO. 721026460

ANALYTICAL REPORT

PAGE: 3 NLS PROJECT# 32996

Client: Advent Environmental Services
Attn: Jeff Tracy
10845 N. Buntrock Ave., 64W
Mequon, WI 53092

Project Description: Reinders AST/UST Site
Project Title: 950227.01

Sample ID: Soil, GP16:S5 NLS#: 131202
Ref. Line 3 of COC 25403 Description: Soil, GP16:S5
Collected: 03/18/97 Received: 03/20/97 Reported: 04/15/97

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Analyzed</u>	<u>Lab</u>
Solids, total on solids	90.9	%	0.10		EPA 160.3	03/21/97	721026460
VOCs (soils) by EPA 8021	see attached				SW846 8021	03/31/97	721026460
	Additional Comments: High surrogate recovery is due to sample matrix.						
GRO (soil)	1800	mg/Kg DWB	80	280	WI MOD GRO	04/04/97	721026460
	Sample diluted to prevent instrument contamination.						
	Additional Comments: spike-105%, duplicate-108%, surrogate-187%						
	High surrogate value is due to matrix effects. Peaks are present after the GRO quantitation window.						
DRO (solid)	7500	mg/Kg DWB	140	450	WI MOD DRO	03/26/97	721026460
	Additional Comments: spike-99%, duplicate-95%, surrogate-84%						
	Peaks present before the DRO quantitation window.						
Organics Extraction (DRO)	yes				WI MOD DRO	03/21/97	721026460

NORTHERN LAKE SERVICE, INC.
 Analytical Laboratory and Environmental Services
 400 North Lake Avenue - Crandon, WI 54520
 Tel:(715)478-2777 Fax:(715)478-3060

WIS. LAB CERT. NO. 721026460

ANALYTICAL REPORT

PAGE: 4 NLS PROJECT# 32996

Client: Advent Environmental Services
 Attn: Jeff Tracy
 10845 N. Buntrock Ave., 64W
 Mequon, WI 53092

Project Description: Reinders AST/UST Site
 Project Title: 950227.01

Sample ID: Soil, GP16:S6 NLS#: 131203
 Ref. Line 4 of COC 25403 Description: Soil, GP16:S6
 Collected: 03/18/97 Received: 03/20/97 Reported: 04/15/97

Parameter	Result	Units	LOD	LOQ	Method	Analyzed Lab
Solids, total on solids	94.5	%	0.10		EPA 160.3	03/21/97 721026460
VOCs (soils) by EPA 8021	see attached				SW846 8021	04/01/97 721026460
	Additional Comments: High surrogate recovery is due to sample matrix.					
	Sample diluted to prevent instrument contamination. Duplicate spike recovery on styrene was outside QC limits at 44%.					
GRO (soil)	1600	mg/Kg DWB	80	280	WI MOD GRO	04/04/97 721026460
	Additional Comments: spike-105%, duplicate-108%, surrogate-206%					
	High surrogate value is due to matrix effects. Peaks are present after the GRO quantitation window.					
DRO (solid)	3000	mg/Kg DWB	140	450	WI MOD DRO	03/26/97 721026460
	Additional Comments: spike-99%, duplicate-95%, surrogate-97%					
	Peaks present before the DRO quantitation window.					
Organics Extraction (DRO)	yes				WI MOD DRO	03/21/97 721026460

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Tel:(715)478-2777 Fax:(715)478-3060

WIS. LAB CERT. NO. 721026460

ANALYTICAL REPORT

PAGE: 5 NLS PROJECT# 32996

Client: Advent Environmental Services
Attn: Jeff Tracy
10845 N. Buntrock Ave., 64W
Mequon, WI 53092

Project Description: Reinders AST/UST Site
Project Title: 950227.01

Sample ID: MeOH Blank NLS#: 131204
Ref. Line 5 of COC 25403 Description: MeOH Blank
Collected: 03/18/97 Received: 03/20/97 Reported: 04/15/97

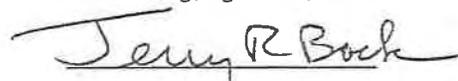
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>	<u>Method</u>	<u>Analyzed Lab</u>
GRO (soil)	ND	mg/Kg DWB	0.40	1.4	WI MOD GRO	04/10/97 721026460

Values in brackets represent results greater than the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation".
Results greater than the LOQ are considered to be in the region of "Certain Quantitation".

LOD = Limit of Detection
DWB = Dry Weight Basis

LOQ = Limit of Quantitation
NA = Not Applicable

ND = Not Detected
%DWB = (mg/kg DWB)/10000



Reviewed by:

Authorized by:

R. T. Krueger
Laboratory Manager

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 1

Customer: Advent Environmental Services

Project Description: Reinders AST/UST Site

Project Title: 950227.01

Northern Lake Service Project Number: 32996

Analyte Name	131200 Soil, GP15:S4 ug/kg	LOD ug/kg	LOQ ug/kg	Confirmation Method
Benzene	ND	600	2100	
Bromobenzene	ND	620	2100	
Bromochloromethane	ND	1300	4500	
Bromodichloromethane	ND	1300	4200	
Bromoform	ND	860	3000	
Bromomethane	ND	1000	3600	
n-Butylbenzene	16000	640	2200	not required
sec-Butylbenzene	12000	1300	4500	not required
tert-Butylbenzene	3200	520	1800	not required
Carbon Tetrachloride	ND	960	3300	
Chlorobenzene	ND	500	1700	
Chloroethane	ND	810	2800	
Chloroform	ND	1100	3900	
Chloromethane	ND	920	3200	
2-Chlorotoluene	ND	720	2500	
4-Chlorotoluene	ND	820	2800	
Dibromochloromethane	ND	940	3300	
1,2-Dibromo-3-Chloropropane	ND	700	2400	
1,2-Dibromoethane	ND	880	3100	
Dibromomethane	ND	920	3200	
1,2-Dichlorobenzene	ND	630	2200	
1,3-Dichlorobenzene	ND	1300	4500	
1,4-Dichlorobenzene	ND	580	2000	
Dichlorodifluoromethane	ND	1200	4100	
1,1-Dichloroethane	ND	1100	3800	
1,2-Dichloroethane	ND	1100	3700	
1,1-Dichloroethene	ND	500	1700	
cis-1,2-Dichloroethene	ND	880	3400	
trans-1,2-Dichloroethene	ND	1100	3900	
1,2-Dichloropropane	ND	2200	1100	
1,3-Dichloropropane	ND	1000	3500	
2,2-Dichloropropane	ND	1100	3700	
1,1-Dichloropropene	ND	580	2000	
cis-1,3-Dichloropropene	ND	650	2200	
trans-1,3-Dichloropropene	ND	900	3100	
Ethylbenzene	ND	630	2100	
Hexachlorobutadiene	ND	1600	5400	
Isopropylbenzene	7800	580	2000	not required
p-Isopropyltoluene	9900	780	2600	not required
Methylene chloride	ND	1200	4100	
Naphthalene	17000	1600	5400	not required
n-Propylbenzene	2400	560	1900	not required
Styrene	ND	1400	4600	not required
ortho-Xylene	4000	540	1900	not required
1,1,1,2-Tetrachloroethane	ND	1100	3900	
1,1,2,2-Tetrachloroethane	ND	1400	5000	
Tetrachloroethene	ND	610	2100	
Toluene	ND	540	1800	
1,2,3-Trichlorobenzene	ND	1000	3400	
1,2,4-Trichlorobenzene	ND	2100	7400	
1,1,1-Trichloroethane	ND	1200	4000	
1,1,2-Trichloroethane	ND	1200	4000	
Trichloroethene	ND	650	2200	
Trichlorofluoromethane	ND	1200	4300	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 2

Customer: Advent Environmental Services

Project Description: Reinders AST/UST Site Project Title: 950227.01

Northern Lake Service Project Number: 32996

Analyte Name	131200 Soil, GP15:S4 ug/kg	LOD ug/kg	LOQ ug/kg	Confirmation Method
1,2,3-Trichloropropane	ND	1100	4100	
1,2,4-Trimethylbenzene	20000	580	2000	not required
1,3,5-Trimethylbenzene	5700	780	2700	not required
Vinyl chloride	ND	950	3300	
meta,para-Xylene	ND	1500	5000	
MTBE	ND	1200	4100	
Isopropylether	ND	880	3400	
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 145 %				
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 116 %				

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 3

Customer: Advent Environmental Services

Project Description: Reinders AST/UST Site

Project Title: 950227.01

Northern Lake Service Project Number: 32996

Analyte Name	131201 Soil, GP15:S5 ug/kg	LOD ug/kg	LOQ ug/kg	Confirmation Method
Benzene	ND	300	1000	
Bromobenzene	ND	310	1100	
Bromochloromethane	ND	660	2300	
Bromodichloromethane	ND	630	2100	
Bromoform	ND	430	1500	
Bromomethane	ND	520	1800	
n-Butylbenzene	2700	320	1100	not required
sec-Butylbenzene	6200	660	2200	not required
tert-Butylbenzene	4400	260	900	not required
Carbon Tetrachloride	ND	480	1700	
Chlorobenzene	ND	250	860	
Chloroethane	ND	400	1400	
Chloroform	ND	570	2000	
Chloromethane	ND	460	1600	
2-Chlorotoluene	ND	360	1200	
4-Chlorotoluene	ND	410	1400	
Dibromochloromethane	ND	470	1600	
1,2-Dibromo-3-Chloropropane	ND	350	1200	
1,2-Dibromoethane	ND	440	1500	
Dibromomethane	ND	460	1600	
1,2-Dichlorobenzene	ND	320	1100	
1,3-Dichlorobenzene	ND	660	2200	
1,4-Dichlorobenzene	ND	290	990	
Dichlorodifluoromethane	ND	590	2000	
1,1-Dichloroethane	ND	550	1900	
1,2-Dichloroethane	ND	540	1800	
1,1-Dichloroethene	ND	250	870	
cis-1,2-Dichloroethene	ND	440	1700	
trans-1,2-Dichloroethene	ND	560	2000	
1,2-Dichloropropane	ND	1100	560	
1,3-Dichloropropane	ND	520	1800	
2,2-Dichloropropane	ND	540	1900	
1,1-Dichloropropene	ND	290	1000	
cis-1,3-Dichloropropene	ND	320	1100	
trans-1,3-Dichloropropene	ND	450	1600	
Ethylbenzene	< 890 >	320	1000	not required
Hexachlorobutadiene	ND	780	2700	
Isopropylbenzene	3800	290	990	not required
p-Isopropyltoluene	3700	390	1300	not required
Methylene chloride	ND	590	2000	
Naphthalene	20000	790	2700	not required
n-Propylbenzene	4700	280	960	not required
Styrene	< 750 >	690	2300	not required
ortho-Xylene	< 780 >	270	930	not required
1,1,1,2-Tetrachloroethane	ND	560	2000	
1,1,2,2-Tetrachloroethane	ND	720	2500	
Tetrachloroethene	ND	300	1000	
Toluene	ND	270	920	
1,2,3-Trichlorobenzene	ND	520	1700	
1,2,4-Trichlorobenzene	ND	1100	3700	
1,1,1-Trichloroethane	ND	580	2000	
1,1,2-Trichloroethane	ND	580	2000	
Trichloroethene	ND	320	1100	
Trichlorofluoromethane	ND	620	2200	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 4

Customer: Advent Environmental Services

Project Description: Reinders AST/UST Site Project Title: 950227.01

Northern Lake Service Project Number: 32996

Analyte Name	131201 Soil, GP15:S5 ug/kg	LOD ug/kg	LOQ ug/kg	Confirmation Method
1,2,3-Trichloropropane	ND	530	2100	
1,2,4-Trimethylbenzene	3500	290	1000	not required
1,3,5-Trimethylbenzene	2800	390	1300	not required
Vinyl chloride	ND	480	1600	
meta,para-Xylene	ND	750	2500	
MTBE	ND	600	2100	
Isopropylether	ND	440	1700	
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 121 %				
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 119 %				

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 5

Customer: Advent Environmental Services

Project Description: Reinders AST/UST Site

Project Title: 950227.01

Northern Lake Service Project Number: 32996

Analyte Name	131202 Soil, GP16:S5 ug/kg	LOD ug/kg	LOQ ug/kg	Confirmation Method
Benzene	ND	600	2100	
Bromobenzene	ND	620	2100	
Bromochloromethane	ND	1300	4500	
Bromodichloromethane	ND	1300	4200	
Bromoform	ND	860	3000	
Bromomethane	ND	1000	3600	
n-Butylbenzene	21000	640	2200	not required
sec-Butylbenzene	14000	1300	4500	not required
tert-Butylbenzene	3800	520	1800	not required
Carbon Tetrachloride	ND	960	3300	
Chlorobenzene	ND	500	1700	
Chloroethane	ND	810	2800	
Chloroform	ND	1100	3900	
Chloromethane	ND	920	3200	
2-Chlorotoluene	ND	720	2500	
4-Chlorotoluene	ND	820	2800	
Dibromochloromethane	ND	940	3300	
1,2-Dibromo-3-Chloropropane	ND	700	2400	
1,2-Dibromoethane	ND	880	3100	
Dibromomethane	ND	920	3200	
1,2-Dichlorobenzene	ND	630	2200	
1,3-Dichlorobenzene	ND	1300	4500	
1,4-Dichlorobenzene	ND	580	2000	
Dichlorodifluoromethane	ND	1200	4100	
1,1-Dichloroethane	ND	1100	3800	
1,2-Dichloroethane	ND	1100	3700	
1,1-Dichloroethene	ND	500	1700	
cis-1,2-Dichloroethene	ND	880	3400	
trans-1,2-Dichloroethene	ND	1100	3900	
1,2-Dichloropropane	ND	2200	1100	
1,3-Dichloropropane	ND	1000	3500	
2,2-Dichloropropane	ND	1100	3700	
1,1-Dichloropropene	ND	580	2000	
cis-1,3-Dichloropropene	ND	650	2200	
trans-1,3-Dichloropropene	ND	900	3100	
Ethylbenzene	2200	630	2100	not required
Hexachlorobutadiene	ND	1600	5400	
Isopropylbenzene	10000	580	2000	not required
p-Isopropyltoluene	13000	780	2600	not required
Methylene chloride	ND	1200	4100	
Naphthalene	36000	1600	5400	not required
n-Propylbenzene	3500	560	1900	not required
Styrene	ND	1400	4600	
ortho-Xylene	8200	540	1900	not required
1,1,1,2-Tetrachloroethane	ND	1100	3900	
1,1,2,2-Tetrachloroethane	ND	1400	5000	
Tetrachloroethene	ND	610	2100	
Toluene	< 1200 >	540	1800	not required
1,2,3-Trichlorobenzene	ND	1000	3400	
1,2,4-Trichlorobenzene	ND	2100	7400	
1,1,1-Trichloroethane	ND	1200	4000	
1,1,2-Trichloroethane	ND	1200	4000	
Trichloroethene	ND	650	2200	
Trichlorofluoromethane	ND	1200	4300	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 6

Customer: Advent Environmental Services

Project Description: Reinders AST/UST Site

Project Title: 950227.01

Northern Lake Service Project Number: 32996

Analyte Name	131202 Soil, GP16:S5 ug/kg	LOD ug/kg	LOQ ug/kg	Confirmation Method
1,2,3-Trichloropropane	ND	1100	4100	
1,2,4-Trimethylbenzene	25000	580	2000	not required
1,3,5-Trimethylbenzene	6200	780	2700	not required
Vinyl chloride	ND	950	3300	
meta,para-Xylene	< 2200 >	1500	5000	not required
MTBE	ND	1200	4100	
Isopropylether	ND	880	3400	
Surrogate Recovery on 2-Bromochlorobenzene (PID) = 174 %				
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 117 %				

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 7

Customer: Advent Environmental Services

Project Description: Reinders AST/UST Site

Project Title: 950227.01

Northern Lake Service Project Number: 32996

Analyte Name	131203 Soil, GP16:S6 ug/kg	LOD ug/kg	LOQ ug/kg	Confirmation Method
Benzene	ND	300	1000	
Bromobenzene	ND	310	1100	
Bromochloromethane	ND	660	2300	
Bromodichloromethane	ND	630	2100	
Bromoform	ND	430	1500	
Bromomethane	ND	520	1800	
n-Butylbenzene	2400	320	1100	
sec-Butylbenzene	< 1800 >	660	2200	not required
tert-Butylbenzene	4100	260	900	not required
Carbon Tetrachloride	ND	480	1700	
Chlorobenzene	ND	250	860	
Chloroethane	ND	400	1400	
Chloroform	ND	570	2000	
Chloromethane	ND	460	1600	
2-Chlorotoluene	ND	360	1200	
4-Chlorotoluene	ND	410	1400	
Dibromochloromethane	ND	470	1600	
1,2-Dibromo-3-Chloropropane	ND	350	1200	
1,2-Dibromoethane	ND	440	1500	
Dibromomethane	ND	460	1600	
1,2-Dichlorobenzene	ND	320	1100	
1,3-Dichlorobenzene	ND	660	2200	
1,4-Dichlorobenzene	ND	290	990	
Dichlorodifluoromethane	ND	590	2000	
1,1-Dichloroethane	ND	550	1900	
1,2-Dichloroethane	ND	540	1800	
1,1-Dichloroethene	ND	250	870	
cis-1,2-Dichloroethene	ND	440	1700	
trans-1,2-Dichloroethene	ND	560	2000	
1,2-Dichloropropane	ND	1100	560	
1,3-Dichloropropane	ND	520	1800	
2,2-Dichloropropane	ND	540	1900	
1,1-Dichloropropene	ND	290	1000	
cis-1,3-Dichloropropene	ND	320	1100	
trans-1,3-Dichloropropene	ND	450	1600	
Ethylbenzene	< 950 >	320	1000	not required
Hexachlorobutadiene	ND	780	2700	
Isopropylbenzene	4300	290	990	not required
p-Isopropyltoluene	3400	390	1300	not required
Methylene chloride	ND	590	2000	
Naphthalene	16000	790	2700	not required
n-Propylbenzene	3900	280	960	not required
Styrene	< 930 >	690	2300	not required
ortho-Xylene	< 440 >	270	930	not required
1,1,1,2-Tetrachloroethane	ND	560	2000	
1,1,2,2-Tetrachloroethane	ND	720	2500	
Tetrachloroethene	ND	300	1000	
Toluene	1200	270	920	not required
1,2,3-Trichlorobenzene	ND	520	1700	
1,2,4-Trichlorobenzene	ND	1100	3700	
1,1,1-Trichloroethane	ND	580	2000	
1,1,2-Trichloroethane	ND	580	2000	
Trichloroethene	ND	320	1100	
Trichlorofluoromethane	ND	620	2200	

ANALYTICAL RESULTS: VOC's by EPA 8021 - Methanol Extract

Page: 8

Customer: Advent Environmental Services

Project Description: Reinders AST/UST Site Project Title: 950227.01

Northern Lake Service Project Number: 32996

Analyte Name	131203 Soil, GP16:S6 ug/kg	LOD ug/kg	LOQ ug/kg	Confirmation Method
1,2,3-Trichloropropane	ND	530	2100	
1,2,4-Trimethylbenzene	3200	290	1000	not required
1,3,5-Trimethylbenzene	2700	390	1300	not required
Vinyl chloride	ND	480	1600	
meta,para-Xylene	< 930 >	750	2500	not required
MTBE	ND	600	2100	
Isopropylether	ND	440	1700	

Surrogate Recovery on 2-Bromochlorobenzene (PID) = 164 %
Surrogate Recovery on 2-Bromochlorobenzene (HECD) = 119 %



NORTHERN LAKE SERVICE, INC.

Analytical Laboratory and Environmental Services

400 North Lake Avenue • Crandon, WI 54520

Tel: (715) 478-2777 • Fax: (715) 478-3060

NO. 25403

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460

RETURN THIS FORM WITH SAMPLES.

CLIENT ADVANT ENVIRONMENTAL			PROJECT TITLE REINDEER AST/UST SITE		
ADDRESS 10845 N. BUNTRUCK AVE.			PROJECT NO. 950227.01		P.O. NO.
CITY MEADON	STATE WI	ZIP 53092	CONTACT JEFF TRACY		PHONE (414) 238-1988

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION		SAMPLE TYPE	GRAB/COMP.	CONTAINER/PRESERVATIVE				COLLECTION REMARKS
			DATE	TIME			202	207	209	402	
1.	131200	GP15:54	3/18/97	9:00	SOIL	GAAS	M	M	NP	NP	GRO, DRO, VOCs
2.	131201	GP15:55	3/18/97	9:15	↓	↓	M	M	NP	NP	GRO, DRO, VOCs
3.	131202	GP16:55	3/18/97	1000	↓	↓	M	M	NP	NP	GRO, DRO, VOCs
4.	131203	GP16:56	3/18/97	10:15	↓	↓	M	M	NP	NP	GRO, DRO, VOCs
5.	131204	MEOH Blank	3/18/97	9:20	MEOH	-	M				GRO
6.		Temp Blank									
7.											
8.											
9.											
10.											
11.											
12.											

SAMPLE TYPE: SW = surface water DW = drinking water PROD = product WW = wastewater TIS = tissue SOIL = soil GW = groundwater AIR = air SED = sediment describe others			CONTAINER P = plastic G = glass V = glass vial B = plastic bag describe others			PRESERVATIVES & PREPARATION NP = nothing added OH = sodium hydroxide S = sulfuric acid HA = hydrochloric & ascorbic acid N = nitric acid H = hydrochloric acid Z = zinc acetate describe others M = Methicillin F = field filtered		
---	--	--	---	--	--	--	--	--

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)		DATE/TIME
RELINQUISHED BY (signature)	RECEIVED BY (signature)	3/19/97	DATE/TIME 12:00
RELINQUISHED BY (signature)	RECEIVED BY (signature)		DATE/TIME
DISPATCHED BY (signature)	METHOD OF TRANSPORT		DATE/TIME

RECEIVED AT NLS BY (signature)	DATE/TIME	CONDITION	TEMP.
Tracy Huber	3/20/97	fine	
SEAL INTACT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	SEAL #	REMARKS & OTHER INFORMATION	

IMPORTANT: 1. TO MEET REGULATORY REQUIREMENTS, THIS FORM **MUST** BE COMPLETED IN DETAIL AND INCLUDED IN THE SHIPPER CONTAINING THE SAMPLES DESCRIBED.
 2. PLEASE USE ONE LINE PER SAMPLE, **NOT** PER BOTTLE.
 3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.

TRP 4/1/97
DUPLICATE COPY

Date: October 24, 1995

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Project: 950227.01, Reinder's

Enclosed are the results from 5 water samples received at Great Lakes Analytical on October 17, 1995. The requested analyses are listed below:

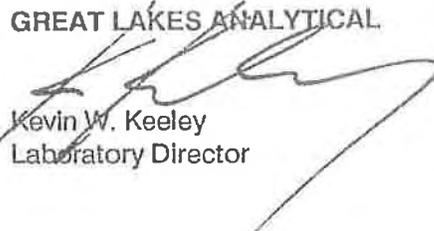
SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
5101132	Water: MW-R3	10/16/95	VOC's, EPA 5030/8021 Lead by EPA 3015/7421 WDNR DRO WDNR GRO
5101133	Water: MW-R4	10/16/95	VOC's, EPA 5030/8021 Lead by EPA 3015/7421 WDNR DRO WDNR GRO
5101134	Water, MW-R4 (Dup)	10/16/95	VOC's, EPA 5030/8021 Lead by EPA 3015/7421 WDNR DRO WDNR GRO
5101135	Water: MW-R5	10/16/95	VOC's, EPA 5030/8021 Lead by EPA 3015/7421 WDNR DRO WDNR GRO
5101136	Water: MW-R6	10/16/95	VOC's, EPA 5030/8021 Lead by EPA 3015/7421 WDNR DRO WDNR GRO
5101137	Water: Blank (Trip)	10/16/95	VOC's, EPA 5030/8021

This report may not be reproduced, except in full, without the written approval of the laboratory.

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

GREAT LAKES ANALYTICAL



Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: 950227.01, Reinder's
Sample Descript: Water
Analysis for: Lead by EPA 3015/7421
First Sample #: 510-1132

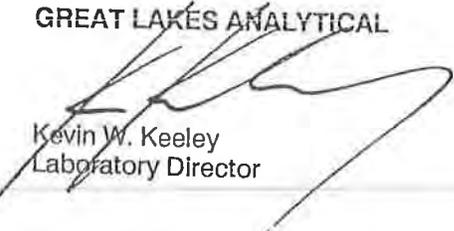
Sampled: Oct 16, 1995
Received: Oct 17, 1995
Analyzed: Oct 18, 1995
Reported: Oct 24, 1995

LABORATORY ANALYSIS FOR: Lead by EPA 3015/7421

Sample Number	Sample Description	Detection Limit mg/L	Sample Result mg/L
510-1132	MW-R3	0.0015	N.D.
510-1133	MW-R4	0.0015	N.D.
510-1134	MW-R4 (Dup)	0.0015	N.D.
510-1135	MW-R5	0.0015	N.D.
510-1136	MW-R6	0.0015	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: 950227.01, Reinder's
Matrix Descript: Water
Analysis Method: WDNR DRO
First Sample #: 510-1132

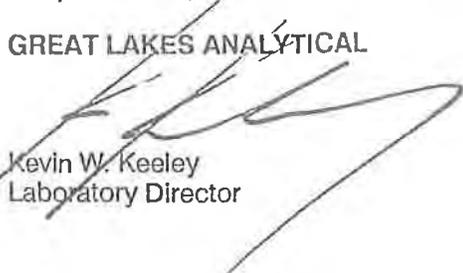
Sampled: Oct 16, 1995
Received: Oct 17, 1995
Extracted: Oct 19, 1995
Analyzed: Oct 20, 1995
Reported: Oct 24, 1995

DIESEL RANGE ORGANICS

Sample Number	Sample Description	Detection Limit mg/L (ppm)	High B.P. Hydrocarbons mg/L (ppm)	Chromatogram Description
510-1132	MW-R3	0.10	0.26	Non diesel pattern, early peaks, late gas and diesel range
510-1133	MW-R4	0.10	4.1	Diesel pattern
510-1134	MW-R4 (Dup)	0.10	3.0	Diesel pattern
510-1135	MW-R5	0.10	N.D.	---
510-1136	MW-R6	0.10	N.D.	---

High Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance, July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

5101132.ADV <2>

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Matrix Descript: Water
 Analysis Method: WDNR GRO
 First Sample #: 510-1132

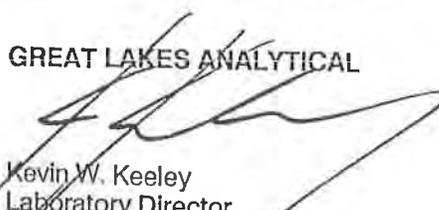
 Sampled: Oct 16, 1995
 Received: Oct 17, 1995
 Analyzed: Oct 20-24, 1995
 Reported: Oct 24, 1995

GASOLINE RANGE ORGANICS

Sample Number	Sample Description	Detection Limit $\mu\text{g/L}$ (ppb)	Low/Medium B.P. Hydrocarbons $\mu\text{g/L}$ (ppb)	Chromatogram Description
510-1132	MW-R3	50	220	Charaterisitc GRO
510-1133	MW-R4	130	950	Late gas range, late peaks elevated baseline
510-1134	MW-R4 (Dup)	130	1,100	Late gas range, late peaks elevated baseline
510-1135	MW-R5	50	N.D.	---
510-1136	MW-R6	50	N.D.	---

Low to Medium Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Sample Descript: Water: MW-R3
 Analysis Method: EPA 5030/8021
 Lab Number: 510-1132

 Sampled: Oct 16, 1995
 Received: Oct 17, 1995
 Analyzed: Oct 20, 1995
 Reported: Oct 24, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	25
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	30
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	5.9
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: 950227.01, Reinder's
Sample Descript: Water: MW-R3
Analysis Method: EPA 5030/8021
Lab Number: 510-1132

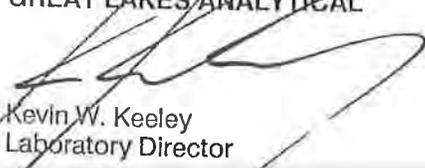
Sampled: Oct 16, 1995
Received: Oct 17, 1995
Analyzed: Oct 20, 1995
Reported: Oct 24, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	10
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	1.6
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	38
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	15

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Sample Descript: Water: MW-R4
 Analysis Method: EPA 5030/8021
 Lab Number: 510-1133

 Sampled: Oct 16, 1995
 Received: Oct 17, 1995
 Analyzed: Oct 20, 1995
 Reported: Oct 24, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	2.8
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	2.5
tert-Butylbenzene.....	0.50	0.98
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	1.6
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	14
p-Isopropyltoluene.....	0.50	1.3
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: 950227.01, Reinder's
Sample Descript: Water: MW-R4
Analysis Method: EPA 5030/8021
Lab Number: 510-1133

Sampled: Oct 16, 1995
Received: Oct 17, 1995
Analyzed: Oct 20, 1995
Reported: Oct 24, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	21
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	32
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	4.2

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Sample Descript: Water: MW-R4 (Dup)
 Analysis Method: EPA 5030/8021
 Lab Number: 510-1134

 Sampled: Oct 16, 1995
 Received: Oct 17, 1995
 Analyzed: Oct 20, 1995
 Reported: Oct 24, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	1.4
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	2.8
tert-Butylbenzene.....	0.50	1.0
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	0.87
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	15
p-Isopropyltoluene.....	0.50	0.95
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: 950227.01, Reinder's
Sample Descript: Water: MW-R4 (Dup)
Analysis Method: EPA 5030/8021
Lab Number: 510-1134

Sampled: Oct 16, 1995
Received: Oct 17, 1995
Analyzed: Oct 20, 1995
Reported: Oct 24, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	14
n-Propylbenzene.....	0.50	21
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	0.71
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	20
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	2.6

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Sample Descript: Water: MW-R5
 Analysis Method: EPA 5030/8021
 Lab Number: 510-1135

 Sampled: Oct 16, 1995
 Received: Oct 17, 1995
 Analyzed: Oct 20, 1995
 Reported: Oct 24, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
6100 W. Executive, Suite E
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: 950227.01, Reinder's
Sample Descript: Water: MW-R5
Analysis Method: EPA 5030/8021
Lab Number: 510-1135

Sampled: Oct 16, 1995
Received: Oct 17, 1995
Analyzed: Oct 20, 1995
Reported: Oct 24, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Sample Descript: Water: MW-R6
 Analysis Method: EPA 5030/8021
 Lab Number: 510-1136

 Sampled: Oct 16, 1995
 Received: Oct 17, 1995
 Analyzed: Oct 20, 1995
 Reported: Oct 24, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Sample Descript: Water: MW-R6
 Analysis Method: EPA 5030/8021
 Lab Number: 510-1136

 Sampled: Oct 16, 1995
 Received: Oct 17, 1995
 Analyzed: Oct 20, 1995
 Reported: Oct 24, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Sample Descript: Water: Blank (Trip)
 Analysis Method: EPA 5030/8021
 Lab Number: 510-1137

 Sampled: Oct 16, 1995
 Received: Oct 17, 1995
 Analyzed: Oct 20, 1995
 Reported: Oct 24, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

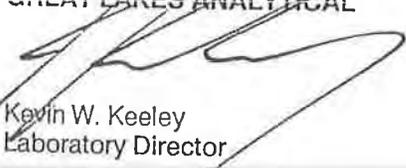
 Client Project ID: 950227.01, Reinder's
 Sample Descript: Water: Blank (Trip)
 Analysis Method: EPA 5030/8021
 Lab Number: 510-1137

 Sampled: Oct 16, 1995
 Received: Oct 17, 1995
 Analyzed: Oct 20, 1995
 Reported: Oct 24, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Matrix: Soil

QC Sample Group: 5101132-1136

Reported: Oct 30, 1995

QUALITY CONTROL DATA REPORT
ANALYTE

Lead

Method: 3015/7421
Analyst: S. Elwood
Concentration: 0.030
Units: mg/L

**LAB. CONTROL
SAMPLE DATA**
Date Analyzed: Oct 18, 1995
Instrument I.D.# 1

LCS%
Recovery: 99

**MATRIX SPIKE
& DUP. DATA**
Date Analyzed: Oct 18, 1995
Instrument I.D.# 1

Matrix Spike
% Recovery: 108

Matrix Spike
Duplicate %
Recovery: 109

Relative %
Difference: 1.2

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

5101132.ADV <16>

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Matrix: Water
 Method: WDNR DRO
 QC Sample Group: 5101132-1136

Reported: Oct 30, 1995

QUALITY CONTROL DATA REPORT

ANALYTE

WDRO

 Method: WDRO
 Analyst: J. Wallace
 Concentration: 1,000
 Units: µg/L

**METHOD SPIKE
& DUP. DATA**

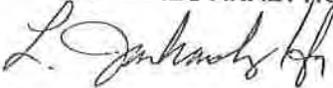
 Date Prepared: Oct 19, 1995
 Date Analyzed: Oct 20, 1995
 Instrument I.D.# GC-10

 Method Spike
 % Recovery: 89

 Method Spike
 Duplicate %
 Recovery: 108

 Relative %
 Difference: 19

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Matrix: Water
 Method: WDNR GRO
 QC Sample Group: 5101132-1136

Reported: Oct 30, 1995

QUALITY CONTROL DATA REPORT

ANALYTE

WGRO

Method: WGRO
Analyst: M. Vang
Concentration: 2,000
Units: ng

MATRIX SPIKE DATA

Date Prepared: Oct 20, 1995
Date Analyzed: Oct 23, 1995
Instrument I.D.# GC-3

Matrix Spike
% Recovery: 101

METHOD SPIKE & DUP. DATA

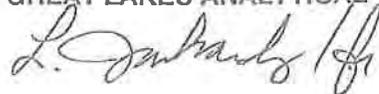
Date Analyzed: Oct 23, 1995
Instrument I.D.# GC-3

Method Spike
% Recovery: 105

Method Spike Duplicate %
Recovery: 104

Relative %
Difference: 0.96

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Matrix: Water
 Method: Wisconsin VOC
 QC Sample Group: 5101132-1137

Reported: Oct 30, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	cis 1,2-Dichloro-ethene	Trans 1,2-Dichloro-ethene	Chloroform	1,1,1-Trichloro-ethane	Trichloro-ethene	Chloro-benzene
---------	-------------------------	---------------------------	------------	------------------------	------------------	----------------

Method:	8021	8021	8021	8021	8021	8021
Analyst:	R. Bora					
Concentration:	50	50	50	50	50	50
Units:	ng	ng	ng	ng	ng	ng

MATRIX SPIKE DATA

Date Analyzed:	Oct 20, 1995					
Instrument I.D.#	GC-6	GC-6	GC-6	GC-6	GC-6	GC-6
Matrix Spike % Recovery:	106	98	116	104	108	104

METHOD SPIKE & DUP. DATA

Date Analyzed:	Oct 20, 1995					
Instrument I.D.#	GC-6	GC-6	GC-6	GC-6	GC-6	GC-6
Method Spike % Recovery:	102	102	106	94	102	98
Method Spike Duplicate % Recovery:	100	114	118	106	114	106
Relative % Difference:	2.0	11	11	12	11	7.8

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 6100 W. Executive, Suite E
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinder's
 Matrix: Water
 Method: Wisconsin VOC
 QC Sample Group: 5101132-1137

Reported: Oct 30, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl benzene	Xylene
---------	---------	---------	---------------	--------

Method:	8021	8021	8021	8021
Analyst:	R. Bora	R. Bora	R. Bora	R. Bora
Concentration:	50	50	50	50
Units:	ng	ng	ng	ng

MATRIX SPIKE DATA

Date Analyzed:	Oct 20, 1995	Oct 20, 1995	Oct 20, 1995	Oct 20, 1995
Instrument I.D.#	GC-6	GC-6	GC-6	GC-6
Matrix Spike % Recovery:	108	110	116	114

METHOD SPIKE & DUP. DATA

Date Analyzed:	Oct 20, 1995	Oct 20, 1995	Oct 20, 1995	Oct 20, 1995
Instrument I.D.#	GC-6	GC-6	GC-6	GC-6
Method Spike % Recovery:	96	102	108	100
Method Spike Duplicate % Recovery:	92	92	96	90
Relative % Difference:	4.3	10	12	11

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Client: RENDER'S INC. Project: 950227.07 TAT: 5 DAY 4 DAY 3 DAY 2 DAY 1 DAY < 24 HRS.

Address: c/o Advent Meguon, WI Sampler: JEFF TRACY DATE RESULTS NEEDED: FIRM 10/24/95

Report to: JEFF TRACY BO#: SEE ATTACHED QUOTE TEMPERATURE UPON RECEIPT: ON ICE

Phone # (414) 238-1998 FAX # (414) 238-1988 AIR BILL NO. GCA P/u

FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE		PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	ANALYSIS TYPE	SAMPLE CONTROL			LABORATORY ID NUMBER
			DEVICE	MATRIX					CRACKED/BROKEN	IMPROPERLY SEALED	GOOD CONDITION	
MW-R3	10/16/95	0950	H ₂ O	7-HCL 1-HALO3		8	1-12 6-40ml 1-100ml	DRO, GRO, VOCs, Pb			✓	5101132
MW-R4	10/16/95	1048	H ₂ O	7-HCL 1-HALO3		8	1-12 6-40ml 1-100ml	DRO, GRO, VOCs, Pb			✓	5101133
MW-R4 (DUP)	10/16/95	1048	H ₂ O	5 HCL 1-HALO3		6	1-12 4-40ml 1-100ml	DRO, GRO, VOCs, Pb			✓	5101134
MW-R5	10/16/95	1200	H ₂ O	7-HCL 1-HALO3		8	1-12 6-40ml 1-100ml	DRO, GRO, VOCs, Pb			✓	5101135
MW-R6	10/16/95	1:06	H ₂ O	7-HCL 1-HALO3		8	1-12 6-40ml 1-100ml	DRO, GRO, VOCs, Pb			✓	5101136
Blank (TRIP)	9/21/95	1600	H ₂ O	1-HCL		1	1-40ml	VOCs			✓	5101137
Temp Blank	10/16/95	-	H ₂ O	-		1	2oz					

RELINQUISHED: [Signature] 10/17/95 5:30 PM RECEIVED: K. Knell 10/17/95 1530 PM

RELINQUISHED: [Signature] 10/17/95 5:30 PM RECEIVED: K. Knell 10/17/95 1530 PM

COMMENTS: DRO - WDNR DRO, GRO - WDNR GRO, VOCs - EPA 8021, Pb - 7421

Date: November 14, 1995

Advent Environmental Services
 10845 N. Buntrock Rd. 64 W.
 Mequon, WI 53092
 Attention: Jeff Tracy

Project: 950227.01, Reinders, Inc. AST/UST

Enclosed are the results from 3 water samples received at Great Lakes Analytical on October 31, 1995. The requested analyses are listed below:

SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
5102364	Water: MW-4 <i>2222</i> MW-R3 <i>J. Tracy</i>	10/30/95	VOC's, EPA 5030/8021 WDNR DRO WDNR GRO
5102365	Water: MW-R1A	10/30/95	VOC's, EPA 5030/8021 WDNR DRO WDNR GRO
5102366	Water, MW-R7A	10/30/95	WDNR DRO WDNR GRO

This report may not be reproduced, except in full, without the written approval of the laboratory.

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

GREAT LAKES ANALYTICAL



Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Rd. 64 W.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders, Inc. AST/UST
 Matrix Descript: Water
 Analysis Method: WDNR DRO
 First Sample #: 510-2364

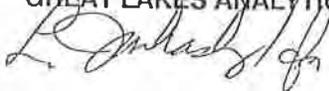
 Sampled: Oct 30, 1995
 Received: Oct 31, 1995
 Extracted: Nov 2, 1995
 Analyzed: Nov 3, 1995
 Reported: Nov 14, 1995

DIESEL RANGE ORGANICS

Sample Number	Sample Description	Detection Limit mg/L (ppm)	High B.P. Hydrocarbons mg/L (ppm)	Chromatogram Description
510-2364	<i>J. Tracy</i> MW-R3 MW4 <i>error</i>	0.10	0.19	Non diesel pattern, elevated baseline, diesel range
510-2365	MW-R1A	0.10	N.D.	---
510-2366	MW-R7A	0.10	N.D.	---

High Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance, July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Rd. 64 W.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders, Inc. AST/UST
 Matrix Descript: Water
 Analysis Method: WDNR GRO
 First Sample #: 510-2364

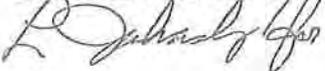
 Sampled: Oct 30, 1995
 Received: Oct 31, 1995
 Analyzed: Nov 9, 1995
 Reported: Nov 14, 1995

GASOLINE RANGE ORGANICS

Sample Number	Sample Description	Detection Limit $\mu\text{g/L}$ (ppb)	Low/Medium B.P. Hydrocarbons $\mu\text{g/L}$ (ppb)	Chromatogram Description
510-2364	<i>MW R3 ADVT J. Tracy</i> MW-R1A	50	290	Gas range
510-2365	MW-R1A	50	N.D.	----
510-2366	MW-R7A	50	N.D.	----

Low to Medium Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Rd. 64 W.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders, Inc. AST/UST
 Sample Descript: Water: ~~MW-1~~ MW-R3
 Analysis Method: EPA 5030/8021 *J. Dwyer*
 Lab Number: 510-2364

 Sampled: Oct 30, 1995
 Received: Oct 31, 1995
 Analyzed: Nov 14, 1995
 Reported: Nov 14, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.50	24
Bromobenzene	0.50	N.D.
Bromodichloromethane	0.50	N.D.
n-Butylbenzene	0.50	N.D.
sec-Butylbenzene	0.50	N.D.
tert-Butylbenzene	0.50	N.D.
Carbon tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	0.50	N.D.
Chloroform	0.50	N.D.
Chloromethane	0.50	N.D.
2-Chlorotoluene	0.50	N.D.
4-Chlorotoluene	0.50	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dibromo-3-chloropropane	1.0	N.D.
1,2-Dibromoethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
Dichlorodifluoromethane	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
1,3-Dichloropropane	0.50	N.D.
2,2-Dichloropropane	0.50	N.D.
Di-Isopropyl-Ether	5.0	N.D.
Ethyl Benzene	0.50	31
Hexachlorobutadiene	5.0	N.D.
Isopropylbenzene	0.50	6.1
p-Isopropyltoluene	0.50	N.D.
Methylene chloride	0.50	N.D.
Methyl-tert-Butylether	5.0	N.D.

Advent Environmental Services
 10845 N. Buntrock Rd. 64 W.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders, Inc. AST/UST
 Sample Descript: Water: ~~MW-4~~ ^{MW-23}
 Analysis Method: EPA 5030/8021 *J.P.M.*
 Lab Number: 510-2364

 Sampled: Oct 30, 1995
 Received: Oct 31, 1995
 Analyzed: Nov 14, 1995
 Reported: Nov 14, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	10
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	1.6
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	39
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	20

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Rd. 64 W.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders, Inc. AST/UST
 Sample Descript: Water: MW-R1A
 Analysis Method: EPA 5030/8021
 Lab Number: 510-2365

 Sampled: Oct 30, 1995
 Received: Oct 31, 1995
 Analyzed: Nov 14, 1995
 Reported: Nov 14, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services
 10845 N. Buntrock Rd. 64 W.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders, Inc. AST/UST
 Sample Descript: Water: MW-R1A
 Analysis Method: EPA 5030/8021
 Lab Number: 510-2365

 Sampled: Oct 30, 1995
 Received: Oct 31, 1995
 Analyzed: Nov 14, 1995
 Reported: Nov 14, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Rd. 64 W.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders, Inc. AST/UST
 Sample Descript: Water: MW-R7A
 Analysis Method: EPA 5030/8021
 Lab Number: 510-2366

 Sampled: Oct 30, 1995
 Received: Oct 31, 1995
 Analyzed: Nov 14, 1995
 Reported: Nov 14, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services
 10845 N. Buntrock Rd. 64 W.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders, Inc. AST/UST
 Sample Descript: Water: MW-R7A
 Analysis Method: EPA 5030/8021
 Lab Number: 510-2366

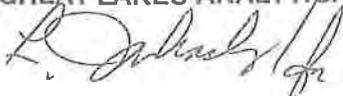
 Sampled: Oct 30, 1995
 Received: Oct 31, 1995
 Analyzed: Nov 14, 1995
 Reported: Nov 14, 1995

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Rd. 64 W.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders, Inc. AST/UST
 Matrix: Water
 Method: WDNR DRO
 QC Sample Group: 5102364-2366

Reported: Nov 21, 1995

QUALITY CONTROL DATA REPORT
ANALYTE

WDRO

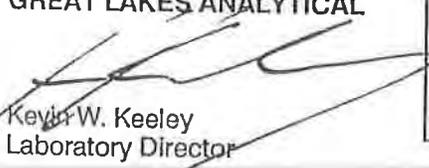
 Method: WDRO
 Analyst: J. Wallace
 Concentration: 1,000
 Units: $\mu\text{g/L}$
**METHOD SPIKE
& DUP. DATA**

 Date Prepared: Nov 2, 1995
 Date Analyzed: Nov 3, 1995
 Instrument I.D.# GC-10

 Method Spike
 % Recovery: 90

 Method Spike
 Duplicate %
 Recovery: 90

 Relative %
 Difference: 0

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Rd. 64 W.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders, Inc. AST/UST
 Matrix: Water
 Method: WDNR GRO
 QC Sample Group: 5102364-2366

Reported: Nov 21, 1995

QUALITY CONTROL DATA REPORT

ANALYTE

WGRO

Method: WGRO
Analyst: K. Falkson
Concentration: 2,000
Units: ng

MATRIX SPIKE DATA
Date Prepared: Nov 2, 1995
Date Analyzed: Nov 9-10, 1995
Instrument I.D.# GC-11

Matrix Spike % Recovery: 104

METHOD SPIKE & DUP. DATA
Date Prepared: Nov 2, 1995
Date Analyzed: Nov 9-10, 1995
Instrument I.D.# GC-11

Method Spike % Recovery: 87

Method Spike Duplicate % Recovery: 81

Relative % Difference: 7.0

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinder's Inc., 950227.01
Sample Descript: Water: MW-R1
Analysis Method: EPA 5030/8021
Lab Number: 602-1997

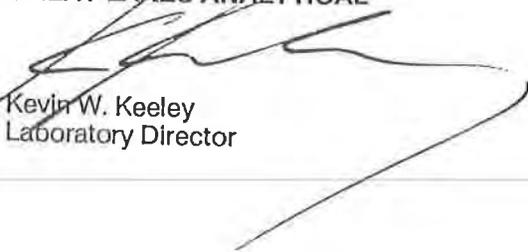
Sampled: Feb 20, 1996
Received: Feb 21, 1996
Analyzed: Feb 22, 1996
Reported: Mar 1, 1996

PETROLEUM VOLATILE ORGANIC COMPOUNDS (EPA 8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Ethyl Benzene.....	0.50	N.D.
Methyl-T-Butyl Ether.....	5.0	N.D.
Toluene.....	0.50	N.D.
124 Trimethylbenzene.....	1.0	N.D.
135 Trimethylbenzene.....	1.0	N.D.
Xylene.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinder's Inc., 950227.01
Sample Descript: Water: MW-R5
Analysis Method: EPA 5030/8021
Lab Number: 602-2001

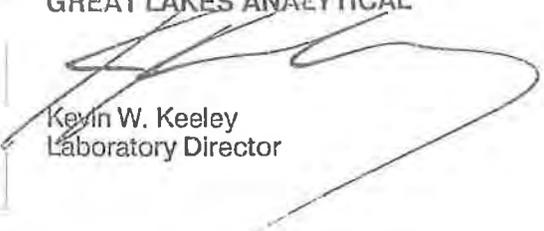
Sampled: Feb 20, 1996
Received: Feb 21, 1996
Analyzed: Feb 22, 1996
Reported: Mar 1, 1996

PETROLEUM VOLATILE ORGANIC COMPOUNDS (EPA 8021)

Analyte	Detection Limit $\mu\text{g/L}$	Sample Results $\mu\text{g/L}$
Benzene.....	0.50	N.D.
Ethyl Benzene.....	0.50	N.D.
Methyl-T-Butyl Ether.....	5.0	N.D.
Toluene.....	0.50	N.D.
124 Trimethylbenzene.....	1.0	N.D.
135 Trimethylbenzene.....	1.0	N.D.
Xylene.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinder's Inc., 950227.01
Sample Descript: Water: MW-R8
Analysis Method: EPA 5030/8021
Lab Number: 602-2002

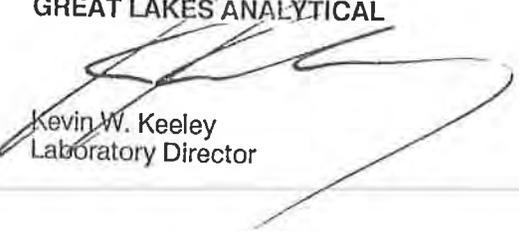
Sampled: Feb 20, 1996
Received: Feb 21, 1996
Analyzed: Feb 22, 1996
Reported: Mar 1, 1996

PETROLEUM VOLATILE ORGANIC COMPOUNDS (EPA 8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Ethyl Benzene.....	0.50	N.D.
Methyl-T-Butyl Ether.....	5.0	N.D.
Toluene.....	0.50	N.D.
124 Trimethylbenzene.....	1.0	N.D.
135 Trimethylbenzene.....	1.0	N.D.
Xylene.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's Inc., 950227.01
 Sample Descript: Water: MW-R3
 Analysis Method: EPA 5030/8021
 Lab Number: 602-1998

 Sampled: Feb 20, 1996
 Received: Feb 21, 1996
 Analyzed: Feb 26-27, 1996
 Reported: Mar 1, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	2.5	10
Bromobenzene	2.5	N.D.
Bromodichloromethane	2.5	N.D.
n-Butylbenzene	2.5	N.D.
sec-Butylbenzene	2.5	N.D.
tert-Butylbenzene	2.5	N.D.
Carbon tetrachloride	2.5	N.D.
Chlorobenzene	2.5	N.D.
Chloroethane	2.5	N.D.
Chloroform	2.5	N.D.
Chloromethane	2.5	N.D.
2-Chlorotoluene	2.5	N.D.
4-Chlorotoluene	2.5	N.D.
Dibromochloromethane	2.5	N.D.
1,2-Dibromo-3-chloropropane	5.0	N.D.
1,2-Dibromoethane	2.5	N.D.
1,2-Dichlorobenzene	2.5	N.D.
1,3-Dichlorobenzene	2.5	N.D.
1,4-Dichlorobenzene	2.5	N.D.
Dichlorodifluoromethane	2.5	N.D.
1,1-Dichloroethane	2.5	N.D.
1,2-Dichloroethane	2.5	N.D.
1,1-Dichloroethene	2.5	N.D.
cis-1,2-Dichloroethene	2.5	N.D.
trans-1,2-Dichloroethene	2.5	N.D.
1,2-Dichloropropane	2.5	N.D.
1,3-Dichloropropane	2.5	N.D.
2,2-Dichloropropane	2.5	N.D.
Di-Isopropyl-Ether	25	N.D.
Ethyl Benzene	2.5	12
Hexachlorobutadiene	25	N.D.
Isopropylbenzene	2.5	9.4
p-Isopropyltoluene	2.5	N.D.
Methylene chloride	2.5	N.D.
Methyl-tert-Butylether	25	N.D.

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

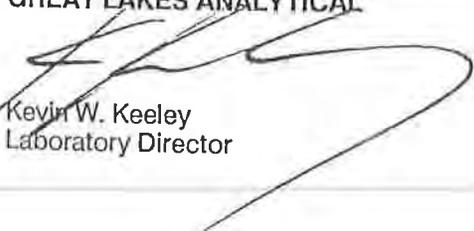
 Client Project ID: Reinder's Inc., 950227.01
 Sample Descript: Water: MW-R3
 Analysis Method: EPA 5030/8021
 Lab Number: 602-1998

 Sampled: Feb 20, 1996
 Received: Feb 21, 1996
 Analyzed: Feb 26-27, 1996
 Reported: Mar 1, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	40	N.D.
n-Propylbenzene.....	2.5	21
1,1,2,2-Tetrachloroethane.....	2.5	N.D.
Tetrachloroethene.....	2.5	N.D.
Toluene.....	2.5	N.D.
1,2,3-Trichlorobenzene.....	10	N.D.
1,2,4-Trichlorobenzene.....	10	N.D.
1,1,1-Trichloroethane.....	2.5	N.D.
1,1,2-Trichloroethane.....	2.5	N.D.
Trichloroethene.....	2.5	N.D.
Trichlorofluoromethane.....	2.5	N.D.
1,2,4-Trimethylbenzene.....	5.0	110
1,3,5-Trimethylbenzene.....	5.0	N.D.
Vinyl chloride.....	1.0	N.D.
Total Xylenes.....	2.5	56

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

Client Project ID: Reinder's Inc., 950227.01
 Sample Descript: Water: MW-R4
 Analysis Method: EPA 5030/8021
 Lab Number: 602-1999

Sampled: Feb 20, 1996
 Received: Feb 21, 1996
 Analyzed: Feb 26-27, 1996
 Reported: Mar 1, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	1.3	1.6
Bromobenzene.....	1.3	N.D.
Bromodichloromethane.....	1.3	N.D.
n-Butylbenzene.....	1.3	6.0
sec-Butylbenzene.....	1.3	6.0
tert-Butylbenzene.....	1.3	2.0
Carbon tetrachloride.....	1.3	N.D.
Chlorobenzene.....	1.3	N.D.
Chloroethane.....	1.3	N.D.
Chloroform.....	1.3	N.D.
Chloromethane.....	1.3	N.D.
2-Chlorotoluene.....	1.3	N.D.
4-Chlorotoluene.....	1.3	N.D.
Dibromochloromethane.....	1.3	N.D.
1,2-Dibromo-3-chloropropane.....	2.5	N.D.
1,2-Dibromoethane.....	1.3	N.D.
1,2-Dichlorobenzene.....	1.3	N.D.
1,3-Dichlorobenzene.....	1.3	N.D.
1,4-Dichlorobenzene.....	1.3	N.D.
Dichlorodifluoromethane.....	1.3	N.D.
1,1-Dichloroethane.....	1.3	N.D.
1,2-Dichloroethane.....	1.3	N.D.
1,1-Dichloroethene.....	1.3	N.D.
cis-1,2-Dichloroethene.....	1.3	N.D.
trans-1,2-Dichloroethene.....	1.3	N.D.
1,2-Dichloropropane.....	1.3	N.D.
1,3-Dichloropropane.....	1.3	N.D.
2,2-Dichloropropane.....	1.3	N.D.
Di-Isopropyl-Ether.....	13	N.D.
Ethyl Benzene.....	1.3	2.1
Hexachlorobutadiene.....	13	N.D.
Isopropylbenzene.....	1.3	12
p-Isopropyltoluene.....	1.3	2.4
Methylene chloride.....	1.3	N.D.
Methyl-tert-Butylether.....	13	N.D.



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinder's Inc., 950227.01
Sample Descript: Water: MW-R4
Analysis Method: EPA 5030/8021
Lab Number: 602-1999

Sampled: Feb 20, 1996
Received: Feb 21, 1996
Analyzed: Feb 26-27, 1996
Reported: Mar 1, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	20	N.D.
n-Propylbenzene.....	1.3	19
1,1,2,2-Tetrachloroethane.....	1.3	N.D.
Tetrachloroethene.....	1.3	N.D.
Toluene.....	1.3	N.D.
1,2,3-Trichlorobenzene.....	5.0	N.D.
1,2,4-Trichlorobenzene.....	5.0	N.D.
1,1,1-Trichloroethane.....	1.3	N.D.
1,1,2-Trichloroethane.....	1.3	N.D.
Trichloroethene.....	1.3	N.D.
Trichlorofluoromethane.....	1.3	N.D.
1,2,4-Trimethylbenzene.....	2.5	28
1,3,5-Trimethylbenzene.....	2.5	N.D.
Vinyl chloride.....	0.50	N.D.
Total Xylenes.....	1.3	4.3

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's Inc., 950227.01
 Sample Descript: Water: MW-R4 Dup
 Analysis Method: EPA 5030/8021
 Lab Number: 602-2000

 Sampled: Feb 20, 1996
 Received: Feb 21, 1996
 Analyzed: Feb 26-27, 1996
 Reported: Mar 1, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	1.3	1.5
Bromobenzene.....	1.3	N.D.
Bromodichloromethane.....	1.3	N.D.
n-Butylbenzene.....	1.3	5.5
sec-Butylbenzene.....	1.3	7.0
tert-Butylbenzene.....	1.3	2.1
Carbon tetrachloride.....	1.3	N.D.
Chlorobenzene.....	1.3	N.D.
Chloroethane.....	1.3	N.D.
Chloroform.....	1.3	N.D.
Chloromethane.....	1.3	N.D.
2-Chlorotoluene.....	1.3	N.D.
4-Chlorotoluene.....	1.3	N.D.
Dibromochloromethane.....	1.3	N.D.
1,2-Dibromo-3-chloropropane.....	2.5	N.D.
1,2-Dibromoethane.....	1.3	N.D.
1,2-Dichlorobenzene.....	1.3	N.D.
1,3-Dichlorobenzene.....	1.3	N.D.
1,4-Dichlorobenzene.....	1.3	N.D.
Dichlorodifluoromethane.....	1.3	N.D.
1,1-Dichloroethane.....	1.3	N.D.
1,2-Dichloroethane.....	1.3	N.D.
1,1-Dichloroethene.....	1.3	N.D.
cis-1,2-Dichloroethene.....	1.3	N.D.
trans-1,2-Dichloroethene.....	1.3	N.D.
1,2-Dichloropropane.....	1.3	N.D.
1,3-Dichloropropane.....	1.3	N.D.
2,2-Dichloropropane.....	1.3	N.D.
Di-Isopropyl-Ether.....	13	N.D.
Ethyl Benzene.....	1.3	1.6
Hexachlorobutadiene.....	13	N.D.
Isopropylbenzene.....	1.3	2.1
p-Isopropyltoluene.....	1.3	1.9
Methylene chloride.....	1.3	N.D.
Methyl-tert-Butylether.....	13	N.D.

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's Inc., 950227.01
 Sample Descript: Water: MW-R4 Dup
 Analysis Method: EPA 5030/8021
 Lab Number: 602-2000

 Sampled: Feb 20, 1996
 Received: Feb 21, 1996

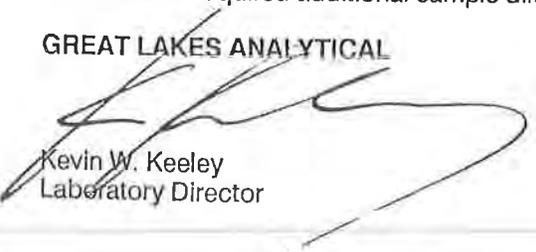
 Analyzed: Feb 26-27, 1996
 Reported: Mar 1, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	20	N.D.
n-Propylbenzene.....	1.3	21
1,1,2,2-Tetrachloroethane.....	1.3	N.D.
Tetrachloroethene.....	1.3	N.D.
Toluene.....	1.3	N.D.
1,2,3-Trichlorobenzene.....	5.0	N.D.
1,2,4-Trichlorobenzene.....	5.0	N.D.
1,1,1-Trichloroethane.....	1.3	N.D.
1,1,2-Trichloroethane.....	1.3	N.D.
Trichloroethene.....	1.3	N.D.
Trichlorofluoromethane.....	1.3	N.D.
1,2,4-Trimethylbenzene.....	2.5	30
1,3,5-Trimethylbenzene.....	2.5	N.D.
Vinyl chloride.....	0.50	N.D.
Total Xylenes.....	1.3	4.3

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinder's Inc., 950227.01
Sample Descript: Water: Field Blank
Analysis Method: EPA 5030/8021
Lab Number: 602-2003

Sampled: Feb 20, 1996
Received: Feb 21, 1996
Analyzed: Feb 26-27, 1996
Reported: Mar 1, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's Inc., 950227.01
 Sample Descript: Water: Field Blank
 Analysis Method: EPA 5030/8021
 Lab Number: 602-2003

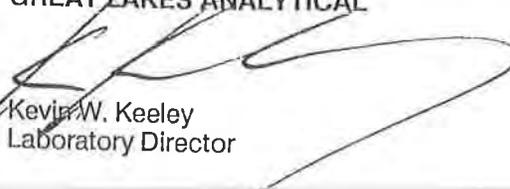
 Sampled: Feb 20, 1996
 Received: Feb 21, 1996
 Analyzed: Feb 26-27, 1996
 Reported: Mar 1, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	0.64

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's Inc., 950227.01
 Sample Descript: Water: Trip Blank
 Analysis Method: EPA 5030/8021
 Lab Number: 602-2004

 Sampled: Feb 20, 1996
 Received: Feb 21, 1996
 Analyzed: Feb 26-27, 1996
 Reported: Mar 1, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
m-Chlorotoluene.....	0.50	N.D.
p-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
i-Isopropyl-Ether.....	5.0	N.D.
t-Butyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.



1380 Busch Parkway • Buffalo Grove, Illinois 60089

(708) 808-7766 FAX (708) 808-7772

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinder's Inc., 950227.01
Sample Descript: Water: Trip Blank
Analysis Method: EPA 5030/8021
Lab Number: 602-2004

Sampled: Feb 20, 1996
Received: Feb 21, 1996
Analyzed: Feb 26-27, 1996
Reported: Mar 1, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's Inc., 950227.01
 Matrix: Water
 Method: WDNR DRO
 QC Sample Group: 6021997-2002

Reported: Mar 1, 1996

QUALITY CONTROL DATA REPORT
ANALYTE

WDRO

Method: WDRO
Analyst: J. Wallace
Concentration: 1,000
Units: µg/L

**METHOD SPIKE
& DUP. DATA**
Date Prepared: Feb 23, 1996
Date Analyzed: Feb 23, 1996
Instrument I.D.# GC-10

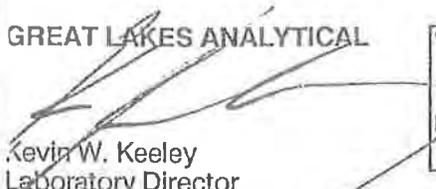
**Method Spike
% Recovery:** 97

**Method Spike
Duplicate %
Recovery:** 97

**Relative %
Difference:** 0

GREAT LAKES ANALYTICAL

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's Inc., 950227.01
 Matrix: Water
 Method: WDNR GRO
 QC Sample Group: 6021997-2002

Reported: Mar 1, 1996

QUALITY CONTROL DATA REPORT
ANALYTE

WGRO

Method: WGRO
Analyst: M. Vang
Concentration: 2,000
Units: ng

**LAB. CONTROL
SAMPLE DATA**
Date Analyzed: Feb 22, 1996
Instrument I.D.# GC-5

LCS
% Recovery: 104

**METHOD SPIKE
& DUP. DATA**
Date Analyzed: Feb 22, 1996
Instrument I.D.# GC-5

Method Spike
% Recovery: 94

Method Spike
Duplicate %
Recovery: 101

Relative %
Difference: 7.2

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's Inc., 950227.01
 Matrix: Water
 Method: Wisconsin PVOG
 QC Sample Group: 6021997, 2001-2002

Reported: Mar 1, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethylbenzene	Xylene
---------	---------	---------	--------------	--------

Method:	8021	8021	8021	8021
Analyst:	M. Vang	M. Vang	M. Vang	M. Vang
Concentration:	50	50	50	50
Units:	ng	ng	ng	ng

**LAB. CONTROL
SAMPLE DATA**

Date Analyzed:	Feb 22, 1996	Feb 22, 1996	Feb 22, 1996	Feb 22, 1996
Instrument I.D.#	GC-5	GC-5	GC-5	GC-5
LCS				
% Recovery:	90	92	96	94

**METHOD SPIKE
& DUPLICATE
DATA**

Date Analyzed:	Feb 22, 1996	Feb 22, 1996	Feb 22, 1996	Feb 22, 1996
Instrument I.D.#	GC-5	GC-5	GC-5	GC-5
Method Spike				
% Recovery:	94	94	96	94
Method Spike Duplicate				
% Recovery:	96	100	102	100
Relative % Difference:	2.1	6.2	4.1	6.2

GREAT LAKES ANALYTICAL

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's Inc., 950227.01
 Matrix: Water
 Method: Wisconsin VOC
 QC Sample Group: 6021998-2000, 2003-2004

Reported: Mar 1, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	cis 1,2-Dichloro-ethene	Trans 1,2-Dichloro-ethene	Chloroform	1,1,1-Trichloro-ethane	Trichloro-ethene	Chloro-benzene
---------	-------------------------	---------------------------	------------	------------------------	------------------	----------------

Method:	8021	8021	8021	8021	8021	8021
Analyst:	D. Parikh					
Concentration:	50	50	50	50	50	50
Units:	ng	ng	ng	ng	ng	ng

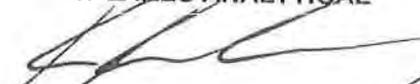
**LAB. CONTROL
SAMPLE DATA**

Date Analyzed:	Feb 26, 1996					
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1	GC-1	GC-1
LCS						
% Recovery:	106	108	100	104	108	100

**METHOD SPIKE
& DUP. DATA**

Date Analyzed:	Feb 26, 1996					
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1	GC-1	GC-1
Method Spike						
% Recovery:	94	106	94	94	110	98
Method Spike Duplicate %						
Recovery:	106	102	98	90	108	104
Relative % Difference:	12	3.9	4.2	4.4	1.8	5.9

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinder's Inc., 950227.01
 Matrix: Water
 Method: Wisconsin VOC
 QC Sample Group: 6021998-2000, 2003-2004

Reported: Mar 1, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl benzene	Xylene
---------	---------	---------	---------------	--------

Method:	8021	8021	8021	8021
Analyst:	D. Parikh	D. Parikh	D. Parikh	D. Parikh
Concentration:	50	50	50	50
Units:	ng	ng	ng	ng

**LAB. CONTROL
SAMPLE DATA**

Date Analyzed:	Feb 26, 1996	Feb 26, 1996	Feb 26, 1996	Feb 26, 1996
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1

LCS % Recovery:	108	100	100	100
----------------------------	-----	-----	-----	-----

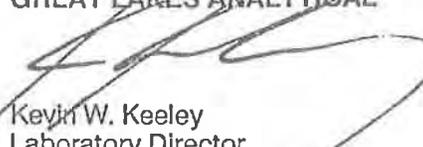
**METHOD SPIKE
& DUP. DATA**

Date Analyzed:	Feb 26, 1996	Feb 26, 1996	Feb 26, 1996	Feb 26, 1996
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1

Method Spike % Recovery:	96	96	96	92
-------------------------------------	----	----	----	----

Method Spike Duplicate % Recovery:	104	104	102	100
---	-----	-----	-----	-----

Relative % Difference:	8.0	8.0	6.1	8.3
-----------------------------------	-----	-----	-----	-----

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

CHAIN OF CUSTODY REPORT

Client: ADVENT ENVIRONMENTAL Bill To: REINDERS, INC TAT: 5 DAY 4 DAY 3 DAY 2 DAY 1 DAY < 24

Address: 10845 N. BUNTRUCK AVENUE Address: c/o ADVENT DATE RESULTS NEEDED: 2/28/96

MEQUON, ILL 53092 State & Program: WI LUST TEMPERATURE UPON RECEIPT: ON ICE

Report to: JEFF TRACY Phone #: (414) 238-1844 Fax #: (414) 238-1928 Phone #: _____ Fax #: _____ AIR BILL NO. GLA PLU

FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	DRO (W/DR D/L)	GLO (W/DR D/L)	VOLS (800L)	PUCCs (800L)	SAMPLE CONTROL				LABORATOR ID NUMBER	
											CRACKED	BROKEN	IMPROPERLY SEALED	GOOD CONDITION		
1 MW-R1	2/20/96	0848	WATER	HCL	6	5.4oz	X	X	X							6021997
2 MW-R3	2/20/96	0956	WATER	HCL	6	5.4oz	X	X	X							6021998
3 MW-R4	2/20/96	1230	WATER	HCL	6	5.4oz	X	X	X							6021999
4 MW-R4 DUP	2/20/96	1230	WATER	HCL	6	5.4oz	X	X	X							6022000
5 MW-R5	2/20/96	1052	WATER	HCL	6	5.4oz	X	X	X							6022001
6 MW-R8	2/20/96	1136	WATER	HCL	6	5.4oz	X	X	X							6022002
7 FIELD BLANK	2/20/96	1200	WATER	HCL	3	3.4oz			X							6022003
8 TRIP BLANK	2/20/96	1200	WATER	HCL	1	4oz			X							6022004

RELINQUISHED	DATE	RECEIVED	DATE	RELINQUISHED	DATE	RECEIVED	DATE
<i>[Signature]</i>		<i>[Signature]</i>	2/21/96	<i>[Signature]</i>	4:30	K. Knell	2/21/96
RELINQUISHED	DATE	RECEIVED	DATE	RELINQUISHED	DATE	RECEIVED	DATE
							1630

COMMENTS: Quote #'s: AD 118 & ATTACHED * 1 VOA Vial Cracked & lost. K.K. 2/21/96

Date: June 11, 1996

 Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

Project: Reinders AST Site, 950227.01

Enclosed are the results from 7 water samples and 2 liquid sample received at Great Lakes Analytical on May 31, 1996. The requested analyses are listed below:

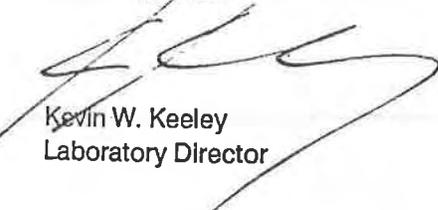
SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
6055235	Water: MW-R1A	5/30/96	VOC , EPA 5030/8021 WDNR DRO WDNR GRO
6055236	Water, MW-R7	5/30/96	VOC , EPA 5030/8021 WDNR DRO WDNR GRO
6055237	Water, MW-R3	5/30/96	VOC , EPA 5030/8021 WDNR DRO WDNR GRO
6055238	Water: MW-R5	5/30/96	VOC , EPA 5030/8021 WDNR DRO WDNR GRO
6055239	Water: MW-R8	5/30/96	VOC , EPA 5030/8021 WDNR DRO WDNR GRO
6055240	Water, Field Blank	5/30/96	VOC , EPA 5030/8021
6055241	Water: MW-R4	5/30/96	VOC , EPA 5030/8021 WDNR DRO WDNR GRO
6055242	Water: MW-R4 (Dup)	5/30/96	VOC , EPA 5030/8021 WDNR DRO WDNR GRO
3055243	Water: Trip Blank	5/30/96	VOC , EPA 5030/8021

This report may not be reproduced, except in full, without the written approval of the laboratory.

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

GREAT LAKES ANALYTICAL



Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

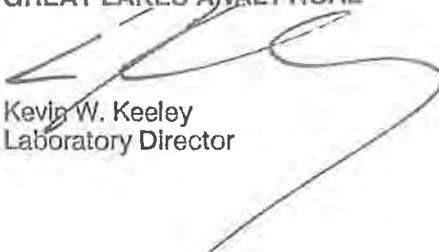
 Client Project ID: Reinders AST Site, 950227.01
 Matrix Descript: Water
 Analysis Method: WDNR DRO
 First Sample #: 605-5235

 Sampled: May 30, 1996
 Received: May 31, 1996
 Extracted: Jun 4, 1996
 Analyzed: 6/5-6/6 1996
 Reported: Jun 11, 1996

DIESEL RANGE ORGANICS

Sample Number	Sample Description	Detection Limit mg/L (ppm)	High B.P. Hydrocarbons mg/L (ppm)	Chromatogram Description
605-5235	MW-R1A	0.10	N.D.	---
605-5236	MW-R7	0.10	N.D.	---
605-5237	MW-R3	0.10	0.16	Non Diesel Pattern, Early Peak, Gas Range
605-5238	MW-R5	0.10	N.D.	---
605-5239	MW-R8	0.10	N.D.	---
605-5241	MW-R4	2.5	37	Diesel Pattern
605-5242	MW-R4 (Dup)	4.0	42	Diesel Pattern

High Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance, July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

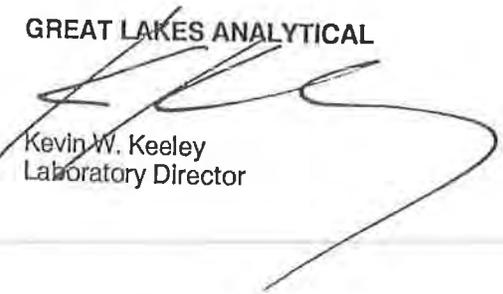
 Client Project ID: Reinders AST Site, 950227.01
 Matrix Descript: Water
 Analysis Method: WDNR GRO
 First Sample #: 605-5235

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: 6/9-6/10 1996
 Reported: Jun 11, 1996

GASOLINE RANGE ORGANICS

Sample Number	Sample Description	Detection Limit $\mu\text{g/L}$ (ppb)	Low/Medium B.P. Hydrocarbons $\mu\text{g/L}$ (ppb)	Chromatogram Description
605-5235	MW-R1A	50	N.D.	---
605-5236	MW-R7	50	N.D.	---
605-5237	MW-R3	50	590	Gas Pattern
605-5238	MW-R5	50	N.D.	---
605-5239	MW-R8	50	N.D.	---
605-5241	MW-R4	250	1500	Late Gas Range, Late Peaks
605-5242	MW-R4 (Dup)	250	1700	Late Gas Range, Late Peaks

Low to Medium Boiling Point Hydrocarbons is performed as described in Leaking Underground Storage Tank Analytical Guidance July 1993 WDNR SW 130 93 REV. Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: MW-R1A
 Analysis Method: EPA 5030/8021
 Lab Number: 605-5235

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

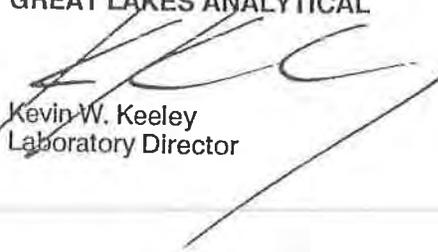
 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: MW-R1A
 Analysis Method: EPA 5030/8021
 Lab Number: 605-5235

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: MW-R7
 Analysis Method: EPA 5030/8021
 Lab Number: 6060-5236

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
o-Chlorotoluene.....	0.50	N.D.
m-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
n-Isopropyltoluene.....	0.50	N.D.
Tetraethylene chloride.....	0.50	N.D.
Methyl tert-Butyl ether.....	5.0	6.2

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinders AST Site, 950227.01
Sample Descript: Water: MW-R7
Analysis Method: EPA 5030/8021
Lab Number: 6060-5236

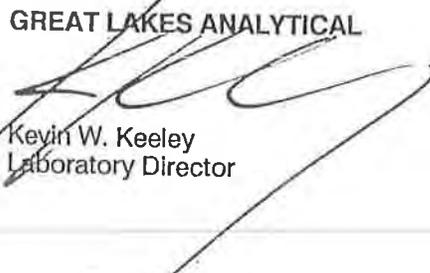
Sampled: May 30, 1996
Received: May 31, 1996
Analyzed: Jun 8, 1996
Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL



Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: MW-R3
 Analysis Method: EPA 5030/8021
 Lab Number: 6060-5237

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	7.6
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	34
sec-Butylbenzene.....	0.50	0.52
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	15
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	9.0
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

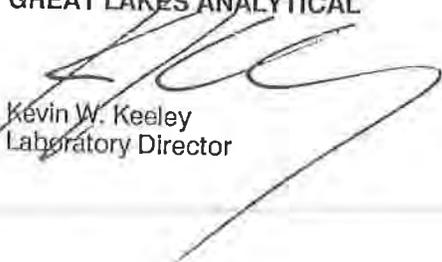
 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: MW-R3
 Analysis Method: EPA 5030/8021
 Lab Number: 6060-5237

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	19
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	1.9
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	97
1,3,5-Trimethylbenzene.....	1.0	5.0
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	54

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: MW-R5
 Analysis Method: EPA 5030/8021
 Lab Number: 605-5238

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
o-Chlorotoluene.....	0.50	N.D.
p-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
o-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinders AST Site, 950227.01
Sample Descript: Water: MW-R5
Analysis Method: EPA 5030/8021
Lab Number: 605-5238

Sampled: May 30, 1996
Received: May 31, 1996
Analyzed: Jun 8, 1996
Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: MW-R8
 Analysis Method: EPA 5030/8021
 Lab Number: 605-5239

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinders AST Site, 950227.01
Sample Descript: Water: MW-R8
Analysis Method: EPA 5030/8021
Lab Number: 605-5239

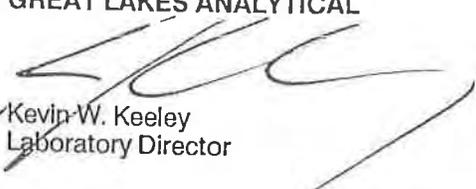
Sampled: May 30, 1996
Received: May 31, 1996
Analyzed: Jun 8, 1996
Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: Field Blank
 Analysis Method: EPA 5030/8021
 Lab Number: 605-5240

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	1.2
Chloromethane.....	0.50	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	N.D.
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Client Project ID: Reinders AST Site, 950227.01
Sample Descript: Water: Field Blank
Analysis Method: EPA 5030/8021
Lab Number: 605-5240

Sampled: May 30, 1996
Received: May 31, 1996
Analyzed: Jun 8, 1996
Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: MW-R4
 Analysis Method: EPA 5030/8021
 Lab Number: 605-5241

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	1.0	2.3
Bromobenzene	1.0	N.D.
Bromodichloromethane	1.0	N.D.
n-Butylbenzene	1.0	7.2
sec-Butylbenzene	1.0	4.4
tert-Butylbenzene	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	1.0	N.D.
Chloroform	1.0	N.D.
Chloromethane	1.0	N.D.
2-Chlorotoluene	1.0	N.D.
4-Chlorotoluene	1.0	N.D.
Dibromochloromethane	1.0	N.D.
1,2-Dibromo-3-chloropropane	2.0	N.D.
1,2-Dibromoethane	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
Dichlorodifluoromethane	1.0	N.D.
1,1-Dichloroethane	1.0	N.D.
1,2-Dichloroethane	1.0	N.D.
1,1-Dichloroethene	1.0	N.D.
cis-1,2-Dichloroethene	1.0	N.D.
trans-1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	1.0	N.D.
1,3-Dichloropropane	1.0	N.D.
2,2-Dichloropropane	1.0	N.D.
Di-Isopropyl-Ether	10	N.D.
Ethyl Benzene	1.0	3.4
Hexachlorobutadiene	10	N.D.
Isopropylbenzene	1.0	10
p-Isopropyltoluene	1.0	4.8
Methylene chloride	1.0	N.D.
Methyl-tert-Butylether	10	N.D.

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: MW-R4
 Analysis Method: EPA 5030/8021
 Lab Number: 605-5241

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	16	310
m-Propylbenzene.....	1.0	19
1,1,2,2-Tetrachloroethane.....	1.0	N.D.
Tetrachloroethene.....	1.0	N.D.
Toluene.....	1.0	N.D.
1,2,3-Trichlorobenzene.....	4.0	N.D.
1,2,4-Trichlorobenzene.....	4.0	N.D.
1,1,1-Trichloroethane.....	1.0	N.D.
1,1,2-Trichloroethane.....	1.0	N.D.
Trichloroethene.....	1.0	N.D.
Trichlorofluoromethane.....	1.0	N.D.
1,2,4-Trimethylbenzene.....	2.0	120
1,3,5-Trimethylbenzene.....	2.0	N.D.
Vinyl chloride.....	0.40	N.D.
Total Xylenes.....	1.0	16

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

 Kevin W. Keeloy
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: MW-R4 (Dup)
 Analysis Method: EPA 5030/8021
 Lab Number: 605-5242

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	1.0	2.8
Bromobenzene.....	1.0	N.D.
Bromodichloromethane.....	1.0	N.D.
n-Butylbenzene.....	1.0	4.6
sec-Butylbenzene.....	1.0	4.4
tert-Butylbenzene.....	1.0	N.D.
Carbon tetrachloride.....	1.0	N.D.
Chlorobenzene.....	1.0	N.D.
Chloroethane.....	1.0	N.D.
Chloroform.....	1.0	N.D.
Chloromethane.....	1.0	N.D.
2-Chlorotoluene.....	1.0	N.D.
4-Chlorotoluene.....	1.0	N.D.
Dibromochloromethane.....	1.0	N.D.
1,2-Dibromo-3-chloropropane.....	2.0	N.D.
1,2-Dibromoethane.....	1.0	N.D.
1,2-Dichlorobenzene.....	1.0	N.D.
1,3-Dichlorobenzene.....	1.0	N.D.
1,4-Dichlorobenzene.....	1.0	N.D.
Dichlorodifluoromethane.....	1.0	N.D.
1,1-Dichloroethane.....	1.0	N.D.
1,2-Dichloroethane.....	1.0	N.D.
1,1-Dichloroethene.....	1.0	N.D.
cis-1,2-Dichloroethene.....	1.0	N.D.
trans-1,2-Dichloroethene.....	1.0	N.D.
1,2-Dichloropropane.....	1.0	N.D.
1,3-Dichloropropane.....	1.0	N.D.
2,2-Dichloropropane.....	1.0	N.D.
Di-Isopropyl-Ether.....	10	N.D.
Ethyl Benzene.....	1.0	2.2
Hexachlorobutadiene.....	10	N.D.
Isopropylbenzene.....	1.0	5.9
p-Isopropyltoluene.....	1.0	5.9
Methylene chloride.....	1.0	N.D.
Methyl-tert-Butylether.....	10	N.D.

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

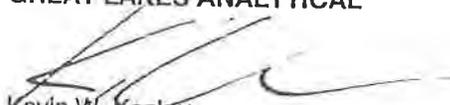
 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: MW-R4 (Dup)
 Analysis Method: EPA 5030/8021
 Lab Number: 605-5242

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	16	150
n-Propylbenzene.....	1.0	17
1,1,2,2-Tetrachloroethane.....	1.0	N.D.
Tetrachloroethene.....	1.0	N.D.
Toluene.....	1.0	N.D.
1,2,3-Trichlorobenzene.....	4.0	N.D.
1,2,4-Trichlorobenzene.....	4.0	N.D.
1,1,1-Trichloroethane.....	1.0	N.D.
1,1,2-Trichloroethane.....	1.0	N.D.
Trichloroethene.....	1.0	N.D.
Trichlorofluoromethane.....	1.0	N.D.
1,2,4-Trimethylbenzene.....	2.0	120
1,3,5-Trimethylbenzene.....	2.0	N.D.
Vinyl chloride.....	0.40	N.D.
Total Xylenes.....	1.0	17

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

 Kevin W. Keckley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Sample Descript: Water: Trip Blank
 Analysis Method: EPA 5030/8021
 Lab Number: 605-5243

 Sampled: May 30, 1996
 Received: May 31, 1996
 Analyzed: Jun 8, 1996
 Reported: Jun 11, 1996

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	0.50	N.D.
p-Chlorotoluene.....	0.50	N.D.
m-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	1.0	N.D.
1,2-Dibromoethane.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Diethyl Benzene.....	0.50	N.D.
1,1,1-Tetrachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	N.D.
m-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.50	N.D.
Methyl-tert-Butylether.....	5.0	N.D.

Advent Environmental Services 10845 N. Buntrock Ave. Mequon, WI 53092 Attention: Jeff Tracy	Client Project ID: Reinders AST Site, 950227.01 Sample Descript: Water: Trip Blank Analysis Method: EPA 5030/8021 Lab Number: 605-5243	Sampled: May 30, 1996 Received: May 31, 1996 Analyzed: Jun 8, 1996 Reported: Jun 11, 1996
--	---	--

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	N.D.
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.20	N.D.
Total Xylenes.....	0.50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

CHAIN OF CUSTODY REPORT

Client: ADVENT ENVIRONMENTAL SERVICES Bill To: ADVENT TAT: 5 DAY 1 DAY 3 DAY 2 DAY 1 DAY < 24 HR.

Address: 10845 N. BUNTRUCK AVENUE Address: _____ DATE RESULTS NEEDED: 5/7/96

MEDICINE WIZ 53092 TEMPERATURE UPON RECEIPT: ON ICE

Report to: JEFF TRACY Phone #: (414) 238-1498 State & WIZ: _____ Phone #: ()
 Fax #: (414) 238-1488 Program: NR140 Fax #: () AIR BILL NO. GCA Plu

PROJECT	SAMPLER	PO/QUOTE #:	FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	ANALYSIS TYPE	SAMPLE CONTROL			LABORATORY ID NUMBER
											CRACKED/BROKEN	IMPROPERLY SEALED	GOOD CONDITION	
1] MW-RIA	JEFF TRACY			5/30/96	0930	H ₂ O	HCL	5	4-40ml / 1-1L	GRD, DRD, VOCs			✓	6055235
2] MW-R7				5/30/96	1026	H ₂ O	HCL	5	4-40ml / 1-1L	GRD, DRD, VOCs			✓	6055236
3] MW-R3				5/30/96	1115	H ₂ O	HCL	5	4-40ml / 1-1L	GRD, DRD, VOCs			✓	6055237
4] MW-R5				5/30/96	1158	H ₂ O	HCL	5	4-40ml / 1-1L	GRD, DRD, VOCs			✓	6055238
5] MW-R8				5/31/96	1237	H ₂ O	HCL	5	4-40ml / 1-1L	GRD, DRD, VOCs			✓	6055239
6] FIELD BLANK				5/30/96	1:10	H ₂ O	HCL	3	40ml	VOCs			✓	6055240
7] MW-R4				5/30/96	1:18	H ₂ O	HCL	5	4-40ml / 1-1L	GRD, DRD, VOCs			✓	6055241
8] MW-R4 (DUP)				5/30/96	1:18	H ₂ O	HCL	5	4-40ml / 1-1L	GRD, DRD, VOCs			✓	6055242
9] TRIP BLANK 1/26 & 2/12				5/30/96		H ₂ O	HCL	2	40ml	VOCs			✓	6055243
10]														

RELINQUISHED	DATE	RECEIVED	DATE	RELINQUISHED	DATE	RECEIVED	DATE
<i>[Signature]</i>		<i>[Signature]</i>	5/31/96	<i>[Signature]</i>	5 PM	K. Kull	5/31/96
RELINQUISHED	TIME	RECEIVED	TIME	RELINQUISHED	TIME	RECEIVED	TIME
							1700
RELINQUISHED	DATE	RECEIVED	DATE	RELINQUISHED	DATE	RECEIVED	DATE
RELINQUISHED	TIME	RECEIVED	TIME	RELINQUISHED	TIME	RECEIVED	TIME

COMMENTS: SEE ATTACHED QUOTE

1 OF

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Matrix: Water
 Method: WDNR DRO
 QC Sample Group: 6055235-5239, 5241-5242

Reported: Jun 13, 1996

QUALITY CONTROL DATA REPORT

ANALYTE

WDRO

Method: WDRO
Analyst: J. Wallace
Concentration: 1,000
Units: µg/L

METHOD SPIKE & DUP. DATA

Date Prepared: Jun 4, 1996
Date Analyzed: Jun 5, 1996
Instrument I.D.# GC-10

Method Spike % Recovery: 98

Method Spike Duplicate % Recovery: 97

Relative % Difference: 1.0

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Matrix: Water
 Method: WDNR GRO
 QC Sample Group: 6055235-5239, 5241-5242

Reported: Jun 13, 1996

QUALITY CONTROL DATA REPORT

ANALYTE

WGRO

Method: WGRO
Analyst: M. Vang
Concentration: 2,000
Units: ng

**LAB. CONTROL
SAMPLE DATA**
Date Prepared: Jun 9, 1996
Date Analyzed: Jun 9, 1996
Instrument I.D.# GC-3

**LCS %
Recovery:** 107

**MATRIX SPIKE
& DUP. DATA**
Date Prepared: Jun 7, 1996
Date Analyzed: Jun 7-9, 1996
Instrument I.D.# GC-3

**Matrix Spike
% Recovery:** 105

**Matrix Spike
Duplicate %
Recovery:** 112

**Relative %
Difference:** 6.5

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Matrix: Water
 Method: Wisconsin VOC
 QC Sample Group: 6055235-5243

Reported: Jun 13, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	cis 1,2-Dichloro-ethene	Trans 1,2-Dichloro-ethene	Chloroform	1,1,1-Trichloro-ethane	Trichloro-ethene	Chloro-benzene
---------	-------------------------	---------------------------	------------	------------------------	------------------	----------------

Method:	8021	8021	8021	8021	8021	8021
Analyst:	D. Parikh					
Concentration:	50	50	50	50	50	50
Units:	ng	ng	ng	ng	ng	ng

LAB. CONTROL SAMPLE DATA

Date Analyzed:	Jun 8, 1996					
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1	GC-1	GC-1
LCS % Recovery:	112	110	100	102	108	102

MATRIX SPIKE & DUP. DATA

Date Analyzed:	Jun 8, 1996					
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1	GC-1	GC-1
Matrix Spike % Recovery:	100	90	90	94	96	96
Matrix Spike Duplicate % Recovery:	106	96	92	92	98	108
Relative % Difference:	5.8	6.5	2.2	2.2	2.1	12

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: Reinders AST Site, 950227.01
 Matrix: Water
 Method: Wisconsin VOC
 QC Sample Group: 6055235-5243

Reported: Jun 13, 1996

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl benzene	Xylene
---------	---------	---------	---------------	--------

Method:	8021	8021	8021	8021
Analyst:	D. Parikh	D. Parikh	D. Parikh	D. Parikh
Concentration:	50	50	50	50
Units:	ng	ng	ng	ng

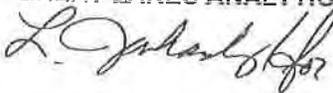
LAB. CONTROL SAMPLE DATA

Date Analyzed:	Jun 8, 1996	Jun 8, 1996	Jun 8, 1996	Jun 8, 1996
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1
LCS % Recovery:	96	94	94	94

MATRIX SPIKE & DUP. DATA

Date Analyzed:	Jun 8, 1996	Jun 8, 1996	Jun 8, 1996	Jun 8, 1996
Instrument I.D.#	GC-1	GC-1	GC-1	GC-1
Matrix Spike % Recovery:	98	102	96	92
Matrix Spike Duplicate % Recovery:	106	108	106	100
Relative % Difference:	7.8	5.7	9.9	8.3

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$



CHAIN OF CUSTODY REPORT

30 | H.F. | VAY
 BUFFALO GROVE, ILLINOIS 60089-4501
 (708) 808-7766 FAX (708) 808-7772

Client: <u>ADVENT ENVIRONMENTAL SERVICES</u>		Bill To: <u>ADVENT</u>		TAT: <u>5 DAY</u> 4 DAY 3 DAY 2 DAY 1 DAY < 24	
Address: <u>10845 N. BUNTROCK AVENUE</u>		Address:		DATE RESULTS NEEDED: <u>5/7/96</u>	
<u>MEDICAN WIZ 53092</u>				TEMPERATURE UPON RECEIPT: <u>ON ICE</u>	
Report to: <u>JEFF TRACT</u>	Phone #: <u>(414) 238-1970</u>	State & Wt: <u>NR140</u>	Phone #: ()	AIR BILL NO. <u>GLA Plu</u>	
	Fax #: <u>(414) 238-1988</u>	Program: <u>NR140</u>	Fax #: ()		

PROJECT	SAMPLER	PO/QUOTE #:	FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	ANALYSIS TYPE	SAMPLE CONTROL			LABORATORY ID NUMBER
											CRACKED/BROKEN	IMPROPERLY SEALED	GOOD CONDITION	
1] MW-R1A				5/30/96	0930	H ₂ O	HCL	5	4-4oz / 1-1L	GRD, DRD, VOCs			✓	6055235
2] MW-R7				5/30/96	1026	H ₂ O	HCL	5	4-4oz / 1-1L	GRD, DRD, VOCs			✓	6055236
3] MW-R23				5/30/96	1115	H ₂ O	HCL	5	4-4oz / 1-1L	GRD, DRD, VOCs			✓	6055237
4] MW-R5				5/30/96	1158	H ₂ O	HCL	5	4-4oz / 1-1L	GRD, DRD, VOCs			✓	6055238
5] MW-R8				5/30/96	1237	H ₂ O	HCL	5	4-4oz / 1-1L	GRD, DRD, VOCs			✓	6055239
6] FIELD BLANK				5/30/96	1:10	H ₂ O	HCL	3	40ml	VOCs			✓	6055240
7] MW-R4				5/30/96	1:18	H ₂ O	HCL	5	4-4oz / 1-1L	GRD, DRD, VOCs			✓	6055241
8] MW-R4 (DUP)				5/30/96	1:18	H ₂ O	HCL	5	4-4oz / 1-1L	GRD, DRD, VOCs			✓	6055242
9] TRIP BLANK 1/26 & 2/12				5/30/96		H ₂ O	HCL	2	4oz	VOCs			✓	6055243
10]														

RELINQUISHED	DATE	RECEIVED	DATE	RELINQUISHED	DATE	RECEIVED	DATE
		<u>A. Chalant</u>	<u>5/31/96</u>	<u>A. Chalant</u>	<u>5/31/96</u>	<u>K. Kull</u>	<u>5/31/96</u>
RELINQUISHED	TIME	RECEIVED	TIME	RELINQUISHED	TIME	RECEIVED	TIME
							<u>1200</u>

COMMENTS: SEE ATTACHED QUOTE

Date: June 5, 1997

Advent Environmental Services
10845 N. Buntrock Ave.
Mequon, WI 53092
Attention: Jeff Tracy

Project: 950227.01, Reinders UST/AST

Enclosed are the results from 2 water samples received at Great Lakes Analytical on May 29, 1997. The requested analyses are listed below:

SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
7054571	Water: MW-3	5/29/97	VOC , EPA 5030/8021
7054572	Water: MW-4	5/29/97	VOC , EPA 5030/8021

This report may not be reproduced, except in full, without the written approval of the laboratory.

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

GREAT LAKES ANALYTICAL

Kevin W. Keeley
Laboratory Director

7054571.ADV <1>

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders UST/AST
 Sample Descript: Water: MW-3
 Analysis Method: EPA 5030/8021
 Lab Number: 705-4571

 Sampled: May 29, 1997
 Received: May 29, 1997

 Analyzed: May 30-Jun 4, 1997
 Reported: Jun 5, 1997

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene.....	0.50	N.D.
Bromobenzene.....	0.50	N.D.
Bromodichloromethane.....	0.50	N.D.
n-Butylbenzene.....	0.50	N.D.
sec-Butylbenzene.....	0.50	N.D.
tert-Butylbenzene.....	0.50	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	0.50	N.D.
Chloroform.....	0.14	N.D.
Chloromethane.....	0.60	N.D.
2-Chlorotoluene.....	0.50	N.D.
4-Chlorotoluene.....	0.50	N.D.
Dibromochloromethane.....	0.50	N.D.
1,2-Dibromo-3-chloropropane.....	0.39	N.D.
1,2-Dibromoethane.....	0.38	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
Dichlorodifluoromethane.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
1,3-Dichloropropane.....	0.50	N.D.
2,2-Dichloropropane.....	0.50	N.D.
Di-Isopropyl-Ether.....	5.0	N.D.
Ethyl Benzene.....	0.50	7.6
Hexachlorobutadiene.....	5.0	N.D.
Isopropylbenzene.....	0.50	5.2
p-Isopropyltoluene.....	0.50	N.D.
Methylene chloride.....	0.53	N.D.
Methyl-tert-Butylether.....	0.20	N.D.

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

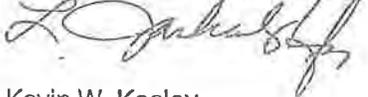
 Client Project ID: 950227.01, Reinders UST/AST
 Sample Descript: Water: MW-3
 Analysis Method: EPA 5030/8021
 Lab Number: 705-4571

 Sampled: May 29, 1997
 Received: May 29, 1997
 Analyzed: May 30-Jun 4, 1997
 Reported: Jun 5, 1997

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit ug/L	Sample Results ug/L
Naphthalene.....	8.0	N.D.
n-Propylbenzene.....	0.50	12
1,1,2,2-Tetrachloroethane.....	0.35	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.16	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	75
1,3,5-Trimethylbenzene.....	1.0	7.8
Vinyl chloride.....	0.17	N.D.
Total Xylenes.....	0.50	24

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders UST/AST
 Sample Descript: Water: MW-4
 Analysis Method: EPA 5030/8021
 Lab Number: 705-4572

 Sampled: May 29, 1997
 Received: May 29, 1997
 Analyzed: May 30-Jun 4, 1997
 Reported: Jun 5, 1997

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Benzene	0.50	1.7
Bromobenzene	0.50	N.D.
Bromodichloromethane	0.50	N.D.
n-Butylbenzene	0.50	5.3
sec-Butylbenzene	0.50	2.8
tert-Butylbenzene	0.50	N.D.
Carbon tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	0.50	N.D.
Chloroform	0.14	N.D.
Chloromethane	0.60	N.D.
2-Chlorotoluene	0.50	N.D.
4-Chlorotoluene	0.50	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dibromo-3-chloropropane	0.39	N.D.
1,2-Dibromoethane	0.38	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
Dichlorodifluoromethane	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
1,3-Dichloropropane	0.50	N.D.
2,2-Dichloropropane	0.50	N.D.
Di-Isopropyl-Ether	5.0	N.D.
Ethyl Benzene	0.50	3.5
Hexachlorobutadiene	5.0	N.D.
Isopropylbenzene	0.50	14
p-Isopropyltoluene	0.50	3.7
Methylene chloride	0.53	N.D.
Methyl-tert-Butylether	0.20	N.D.

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders UST/AST
 Sample Descript: Water: MW-4
 Analysis Method: EPA 5030/8021
 Lab Number: 705-4572

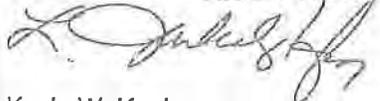
 Sampled: May 29, 1997
 Received: May 29, 1997
 Analyzed: May 30-Jun 4, 1997
 Reported: Jun 5, 1997

VOLATILE ORGANIC COMPOUNDS (5030/8021)

Analyte	Detection Limit µg/L	Sample Results µg/L
Naphthalene.....	8.0	47
n-Propylbenzene.....	0.50	14
1,1,2,2-Tetrachloroethane.....	0.35	N.D.
Tetrachloroethene.....	0.50	N.D.
Toluene.....	0.50	N.D.
1,2,3-Trichlorobenzene.....	2.0	N.D.
1,2,4-Trichlorobenzene.....	2.0	N.D.
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.16	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
1,2,4-Trimethylbenzene.....	1.0	63
1,3,5-Trimethylbenzene.....	1.0	N.D.
Vinyl chloride.....	0.17	N.D.
Total Xylenes.....	0.50	7.9

Analytes reported as N.D. were not present above the stated limit of detection.

GREAT LAKES ANALYTICAL



 Kevin W. Keeley
 Laboratory Director

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders UST/AST
 Matrix: Water
 Method: Wisconsin VOC
 QC Sample Group: 7054571-4572

Reported: Jun 5, 1997

QUALITY CONTROL DATA REPORT

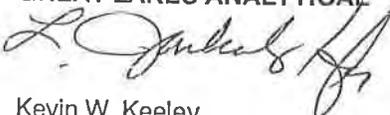
ANALYTE	cis 1,2-Dichloro-ethene	Trans 1,2-Dichloro-ethene	Chloroform	1,1,1-Trichloro-ethane	Trichloro-ethene	Chloro-benzene
---------	-------------------------	---------------------------	------------	------------------------	------------------	----------------

Method:	8021	8021	8021	8021	8021	8021
Analyst:	M. Vang					
Concentration:	50	50	50	50	50	50
Units:	ng	ng	ng	ng	ng	ng

MATRIX SPIKE & DUP. DATA

Date Analyzed:	May 30, 1997					
Instrument I.D.#	GC-6	GC-6	GC-6	GC-6	GC-6	GC-6
Matrix Spike % Recovery:	110	108	90	96	106	100
Matrix Spike Duplicate % Recovery:	104	106	96	100	104	100
Relative % Difference:	5.6	1.9	6.5	4.1	1.9	0

GREAT LAKES ANALYTICAL


 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

7054571.ADV <5>

Advent Environmental Services
 10845 N. Buntrock Ave.
 Mequon, WI 53092
 Attention: Jeff Tracy

 Client Project ID: 950227.01, Reinders UST/AST
 Matrix: Water
 Method: Wisconsin VOC
 QC Sample Group: 7054571-4572

Reported: Jun 5, 1997

QUALITY CONTROL DATA REPORT

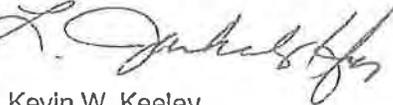
ANALYTE	Benzene	Toluene	Ethyl benzene	Xylene
Method:	8021	8021	8021	8021
Analyst:	R. Bora	R. Bora	R. Bora	R. Bora
Concentration:	50	50	50	50
Units:	ng	ng	ng	ng

LAB. CONTROL SAMPLE DATA

Date Analyzed:	May 30, 1997	May 30, 1997	May 30, 1997	May 30, 1997
Instrument I.D.#	GC-6	GC-6	GC-6	GC-6
LCS % Recovery:	90	90	88	94

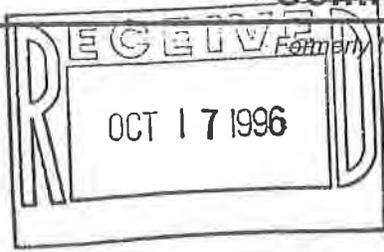
MATRIX SPIKE & DUP. DATA

Date Analyzed:	May 30, 1997	May 30, 1997	May 30, 1997	May 30, 1997
Instrument I.D.#	GC-6	GC-6	GC-6	GC-6
Matrix Spike % Recovery:	96	94	84	88
Matrix Spike Duplicate % Recovery:	98	94	84	88
Relative % Difference:	2.1	0	9.1	2.2

GREAT LAKES ANALYTICAL

 Kevin W. Keeley
 Laboratory Director

% Recovery:	$\frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$
Relative % Difference:	$\frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$

7054571.ADV <6>



Formerly the Laboratory Division of Mid-State Associates, Inc.

ANALYTICAL REPORT

Client I.D. No.: LA0000000015
 Work Order No.: 9610000026
 Report Date: 10/16/96
 Date Received: 10/01/96
 Arrival Temperature: UNKNOWN

ADVENT ENVIRONMENTAL
 10845 N BUNTROCK AVE 64W
 MEQUON, WI 53092

JS

Project Name: **RENDERS AST**

Project Number: **950227.01**

Sample I.D. #: 137744 Sample Description: BIB: 7-9

Date Sampled: 09/30/96

Analyte	Result	Units	LOD	LOQ
Air-filled Porosity / Total Porosity (MOSA 18-2)	42.20	%		
%Air-filled porosity based on total porosity of 0.377				
Soil Permeability (MOSA 28-4)	0.71E-6	cm/s		
Soil Moisture Holding Capacity	12.0	%	11.7	
%moisture/%soil moisture holding capacity = 97.5%				
Bulk Density (MOSA 13-2)	1.65	gTS/cm ³		
# 4 Sieve	88.0	%Passing		
# 10 Sieve	68.9	%Passing		
# 20 Sieve	51.3	%Passing		
# 40 Sieve	41.1	%Passing		
# 60 Sieve	34.6	%Passing		
# 80 Sieve	30.5	%Passing		
#100 Sieve	29.5	%Passing		
#200 Sieve	21.5	%Passing		

Sample I.D. #: 137745 Sample Description: GP14A: 6-8

Date Sampled: 09/30/96

Analyte	Result	Units	LOD	LOQ
Air-filled Porosity / Total Porosity (MOSA 18-2)	5.00	%		
%Air-filled porosity based on total porosity of 0.404				
Soil Permeability (MOSA 28-4)	0.48E-6	cm/s		
Soil Moisture Holding Capacity	26.3	%	19.45	
%moisture/%soil moisture holding capacity = 74.1%				
Bulk Density (MOSA 13-2)	1.58	gTS/cm ³		
# 4 Sieve	94.6	%Passing		
# 10 Sieve	82.5	%Passing		
# 20 Sieve	62.3	%Passing		
# 40 Sieve	47.9	%Passing		
# 60 Sieve	32.6	%Passing		
# 80 Sieve	23.0	%Passing		
#100 Sieve	21.5	%Passing		
#200 Sieve	12.0	%Passing		

Sample I.D. #: 137746 Sample Description: GP14A: 12-14

Date Sampled: 09/30/96

Analyte	Result	Units	LOD	LOQ
Air-filled Porosity / Total Porosity (MOSA 18-2)	40.10	%		
%Air-filled porosity based on total porosity of 0.287				
Soil Permeability (MOSA 28-4)	0.30E-3	cm/s		
Soil Moisture Holding Capacity	6.9	%	0.7	
%moisture/%soil moisture holding capacity = 120.3%				
Bulk Density (MOSA 13-2)	1.89	gTS/cm ³		
# 4 Sieve	98.0	%Passing		
# 10 Sieve	88.9	%Passing		
# 20 Sieve	72.2	%Passing		

Submitted By: *[Signature]*

Commonwealth Technology, Inc.

Formerly the Laboratory Division of Mid-State Associates, Inc.



Page:2

ANALYTICAL REPORT

Client I.D. No.: LA0000000015
Work Order No.: 9610000026
Report Date: 10/16/96
Date Received: 10/01/96
Arrival Temperature: UNKNOWN

ADVENT ENVIRONMENTAL
10845 N BUNTROCK AVE 64W
MEQUON, WI 53092

Project Name: **RENDERS AST**

Project Number: **950227.01**

Sample I.D. #: 137746 Sample Description: GP14A: 12-14

Date Sampled: 09/30/96

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>LOD</u>	<u>LOQ</u>
# 40 Sieve	58.3	%Passing		
# 60 Sieve	41.8	%Passing		
# 80 Sieve	31.9	%Passing		
#100 Sieve	29.5	%Passing		
#200 Sieve	18.6	%Passing		

Comments for entire Work Order:
None

Submitted By: 

APPENDIX F

Health Risk Analysis Spreadsheets

REINDERS, INC. - AST/UST SITE
Cumulative Excess Cancer Risk
Due to Direct Contact with Contaminated Soil
Industrial Classification

Risk_{1,2-Dichloroethane} = 0 [unitless], Excess Cancer Risk due to 1,2-Dichloroethane Contaminated Soil

Risk_{Benzene} = 8.55E-07 [unitless], Excess Cancer Risk due to Benzene Contaminated Soil

Cumulative Excess Cancer Risk = 8.55E-07 [unitless]

The excess cancer risk of each individual compound does not exceed 1E-06

The cumulative excess cancer risk does not exceed 1E-05

REINDERS, INC. - AST/UST SITE
Excess Cancer Risk
Due to Direct Contact with Benzene Contaminated Soil
Industrial Classification

Site Specific Properties

C _{Benzene} =	0.5 [mg/kg], benzene concentration in soil (analytical results)
LS =	79 [m], width of contaminated area (measured)
A =	3,112 [m ²], area of contaminated soil (measured)
OC =	0.0028 [fraction], organic carbon content of soil (analytical results)
p _s =	1.71 [g/cm ³], soil particle density (Analytical results)
E =	0.356 [unitless], soil porosity (analytical results)

Benzene Specific Properties

SF _{o-Benzene} =	0.029 [(mg/kg-day) ⁻¹], oral cancer slope factor (IRIS as reported in ref. 1)
SF _{l-Benzene} =	0.029 [(mg/kg-day) ⁻¹], inhalation cancer slope factor (IRIS as reported in ref. 1)
D _{l-Benzene} =	0.093 [cm ² /sec], molecular diffusivity or air diffusion coefficient
H _{Benzene} =	0.00543 [atm·m ³ /mol], Henry's law constant
K _{oc-Benzene} =	71 [cm ³ /g], organic carbon partition coefficient

DNR default exposure assumptions per NR 720.19(5)(c)2.b.

IR _{soil} =	100 [mg/day], ingestion rate of soil
IR _{air} =	24 [m ³ /day], daily inhalation rate
BW _{adult} =	70 [kg], average adult body weight
ED =	25 [yr], exposure duration
EF =	250 [days/year], exposure frequency
AT =	70 [yr], averaging time

Excess Cancer Risk due to Ingestion of Soil

Calculated Values (equations from reference 2)

IF _{soil/adj} =	35.71 [mg-yr/kg-day], adult soil ingestion factor
	$\frac{IR_{soil} * ED}{BW_{adult}}$
Risk _{ing-Benzene} =	5.07E-09 [unitless], cancer risk from ingestion of contaminated soil
	$\frac{SF_{o-Benzene} * C_{Benzene} * 10^{-6} \text{ kg/mg} * EF * IF_{soil/age}}{AT * 365 \text{ days/yr}}$

Excess Cancer Risk due to Inhalation of Particulates

Assumptions (reference 2)

V =	2.25 [m/sec], wind speed in mixing zone
DH =	2 [m], diffusion height
RF =	0.036 [g/m ² -hr], respirable fraction
G =	0.05 [unitless], fraction of vegetative cover
U _m =	4.5 [m/sec], mean annual wind speed
U _t =	12.8 [m/sec], equivalent threshold value of wind speed at 10m
F(x) =	0.0497 [unitless], function dependent on U _m /U _t

Calculated Values (equations from reference 2)

PEF =	5.568E+09 [m ³ /kg], Particulate Emission Factor
	$\frac{LS * V * DH * 3600 \text{ sec/hr}}{A} * \frac{1000 \text{ g/kg}}{RF * (1-G) * (U_m/U_t)^3 * F(x)}$
Risk _{inhP-Benzene} =	2.18403E-13 [unitless], cancer risk from inhalation of contaminated soil particles
	$\frac{SF_{l-Benzene} * C_{Benzene} * ED * EF * IR_{air} * (1/PEF)}{}$

$$AT * BW_{adult} * 365 \text{ days/yr}$$

Excess Cancer Risk due to Inhalation of Vapors

units conversion

$$A_{cm} = 31,120,000 \text{ [cm}^2\text{], area of contaminated soil}$$

Assumptions (reference 2)

$$T = 7.90E+08 \text{ [sec], exposure interval}$$

Calculated Values (equations from reference 2)

$$K_{d-Benzene} = 0.1988 \text{ [cm}^3\text{/g], soil-water partition coefficient}$$

$$K_{oc-Benzene} * OC$$

$$K_{as-Benzene} = 1.119869215 \text{ [g/cm}^3\text{], soil/air partition coefficient}$$

$$(H_{Benzene}/K_{d-Benzene}) * 41, \text{ where 41 is a units conversion factor}$$

$$D_{ei-Benzene} = 0.066139582 \text{ [cm}^2\text{/g], effective diffusivity}$$

$$D_{l-Benzene} * E^{0.33}$$

$$\alpha_{Benzene} = 0.017579744 \text{ [cm}^2\text{/sec]}$$

$$\frac{D_{ei-Benzene} * E}{E + (p_s)(1-E)/K_{as-Benzene}}$$

$$VF_{Benzene} = 1,430.5 \text{ [m}^3\text{/kg], soil-to-air volatilization factor}$$

$$\frac{LS * V * DH}{A_{cm}} * \frac{(3.14 * \alpha_{Benzene} * T)^{1/2}}{(2 * D_{ei-Benzene} * E * K_{as-Benzene} * 10^{-3} \text{ kg/g})}$$

$$Risk_{InhV-Benzene} = 8.50148E-07 \text{ [unitless], cancer risk from inhalation of contaminated soil particles}$$

$$\frac{SF_{l-Benzene} * C_{Benzene} * ED * EF * IR_{air} * (1/VF_{Benzene})}{AT * BW_{adult} * 365 \text{ days/yr}}$$

Excess Cancer Risk due to Benzene Contaminated Soil

$$Risk_{Benzene} = 8.55215E-07 \text{ [unitless], Excess Cancer Risk due to Benzene Contaminated Soil}$$

$$Risk_{Ingestion \text{ of Soil}} + Risk_{Inhalation \text{ of Particles}} + Risk_{Inhalation \text{ of Vapors}}$$

The excess cancer risk from this individual compound does not exceed 1E-06

References

- 1.) Smith, R.L. 1995. "EPA Region III Risk-Based Concentration Table Background Information."
- 2.) U.S. EPA 1991. *Risk Assessment Guidance for Superfund Volume 1: Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals)*. Publication EPA/540/R-92/003. Office of Emergency and Remedial Response, Washington, DC. NTIS PB92-963333

REINDERS, INC. - AST/UST SITE
Cumulative Hazard Index (non-carcinogens)
Due to Direct Contact with Contaminated Soil
Non-Industrial Classification

HQ_{Ethylbenzene} = 0.005589 [unitless], Hazard Quotient due to Ethylbenzene Contaminated Soil

HQ_{Toluene} = 0.006606 [unitless], Hazard Quotient due to Toluene Contaminated Soil

HQ_{Xylene} = 0.023816 [unitless], Hazard Quotient due to Xylene Contaminated Soil

HQ_{Naphthalene} = 0.115068 [unitless], Hazard Quotient due to Naphthalene Contaminated Soil

Cumulative Hazard Index = 0.151079 [unitless]

The hazard quotient for each individual compound does not exceed one.

The Cumulative Hazard Index does not exceed one

**Hazard Quotient (non-carcinogens)
Due to Direct Contact with Ethylbenzene Contaminated Soil
Non-Industrial Classification**

Site Specific Properties

$C_{\text{Ethylbenzene}}$ =	2.8 [mg/kg], ethylbenzene concentration in soil (analytical results)
LS =	79 [m], width of contaminated area (measured)
A =	3,112 [m ²], area of contaminated soil (measured)
OC =	0.0028 [fraction], organic carbon content of soil (analytical results)
p_s =	1.71 [g/cm ³], soil particle density (Analytical results)
E =	0.356 [unitless], soil porosity (analytical results)

Ethylbenzene Specific Properties

$RfD_o_{\text{Ethylbenzene}}$ =	0.1 [(mg/kg-day)], oral chronic reference dose (IRIS as reported in ref. 1)
$RfD_i_{\text{Ethylbenzene}}$ =	0.286 [(mg/kg-day)], inhalation chronic reference dose (IRIS as reported in ref. 1)
$D_i_{\text{Ethylbenzene}}$ =	0.09234 [cm ² /sec], molecular diffusivity or air diffusion coefficient
$H_{\text{Ethylbenzene}}$ =	8.35E-03 [atm-m ³ /mol], Henry's law constant
$K_{oc-\text{Ethylbenzene}}$ =	257 [cm ³ /g], organic carbon partition coefficient

DNR default exposure assumptions per NR 720.19(5)(c)1.a.

IR_{soil} =	200 [mg/day], ingestion rate of soil
IR_{air} =	20 [m ³ /day], daily inhalation rate
BW =	15 [kg], average body weight - child
ED =	6 [yr], exposure duration for inhalation of particulates
EF =	350 [days/year], exposure frequency
AT =	6 [yr], averaging time

Hazard Quotient due to Ingestion of Soil

Calculated Values (equations from reference 2)

$$IF_{\text{soil}/\text{adj}} = 80.00 \text{ [mg-yr/kg-day], age-adjusted soil ingestion factor}$$

$$\frac{IR_{\text{soil}} \cdot ED}{BW}$$

$$HQ_{\text{ing Ethylbenzene}} = 3.58E-04 \text{ [unitless], hazard quotient from ingestion of contaminated soil}$$

$$\frac{C_{\text{Ethylbenzene}} \cdot 10^{-6} \text{ kg/mg} \cdot EF \cdot IF_{\text{soil}/\text{age}}}{RfD_o_{\text{Ethylbenzene}} \cdot AT \cdot 365 \text{ days/yr}}$$

Hazard Quotient due to Inhalation of Particulates

Assumptions (reference 2)

V =	2.25 [m/sec], wind speed in mixing zone
DH =	2 [m], diffusion height
RF =	0.036 [g/m ² -hr], respirable fraction
G =	0.05 [unitless], fraction of vegetative cover
U_m =	4.5 [m/sec], mean annual wind speed
U_t =	12.8 [m/sec], equivalent threshold value of wind speed at 10m
$F(x)$ =	0.0497 [unitless], function dependent on U_m/U_t

Calculated Values (equations from reference 2)

$$PEF = 5.568E+09 \text{ [m}^3/\text{kg], Particulate Emission Factor}$$

$$\frac{LS \cdot V \cdot DH \cdot 3600 \text{ sec/hr}}{A} \cdot \frac{1000 \text{ g/kg}}{RF \cdot (1-G) \cdot (U_m/U_t)^3 \cdot F(x)}$$

$$HQ_{\text{InhP Ethylbenzene}} = 2.24799E-09 \text{ [unitless], hazard quotient from inhalation of contaminated soil particles}$$

$$\frac{C_{\text{Ethylbenzene}} \cdot ED \cdot EF \cdot IR_{\text{air}} \cdot (1/PEF)}{RfD_i_{\text{Ethylbenzene}} \cdot BW \cdot AT \cdot 365 \text{ days/yr}}$$

Hazard Quotient due to Inhalation of Vapors

units conversion

$$A_{cm} = 31,120,000 \text{ [cm}^2\text{]}, \text{ area of contaminated soil}$$

Assumptions (reference 2)

$$T = 7.90E+08 \text{ [sec]}, \text{ exposure interval}$$

Calculated Values (equations from reference 2)

$$K_{d \text{ Ethylbenzene}} = 0.7196 \text{ [cm}^3\text{/g]}, \text{ soil-water partition coefficient}$$

$$K_{oc \text{ Ethylbenzene}} * OC$$

$$K_{as \text{ Ethylbenzene}} = 0.475750417 \text{ [g/cm}^3\text{]}, \text{ soil/air partition coefficient}$$

$$(H_{\text{Ethylbenzene}}/K_{d \text{ Ethylbenzene}}) * 41, \text{ where 41 is a units conversion factor}$$

$$D_{el \text{ Ethylbenzene}} = 0.065670205 \text{ [cm}^2\text{/g]}, \text{ effective diffusivity}$$

$$D_{i \text{ Ethylbenzene}} * E^{0.33}$$

$$\alpha_{\text{Ethylbenzene}} = 0.008753591 \text{ [cm}^2\text{/sec]}$$

$$\frac{D_{el \text{ Ethylbenzene}} * E}{E + (p_s)(1-E)/K_{as \text{ Ethylbenzene}}}$$

$$V_{F \text{ Ethylbenzene}} = 2,393.0 \text{ [m}^3\text{/kg]}, \text{ soil-to-air volatilization factor}$$

$$\frac{LS * V * DH}{A_{cm}} * \frac{(3.14 * \alpha_{\text{Ethylbenzene}} * T)^{1/2}}{(2 * D_{el \text{ Ethylbenzene}} * E * K_{as \text{ Ethylbenzene}} * 10^{-3} \text{ kg/g})}$$

$$HQ_{inhV \text{ Ethylbenzene}} = 0.005230726 \text{ [unitless]}, \text{ cancer risk from Inhalation of contaminated soil particles}$$

$$\frac{C_{\text{Ethylbenzene}} * ED * EF * IR_{alr} * (1/V_{F \text{ Ethylbenzene}})}{RfD_{i \text{ Ethylbenzene}} * AT * BW * 365 \text{ days/yr}}$$

Hazard Quotient due to Ethylbenzene Contaminated Soil

Hazard Quotient_{Ethylbenzene} = 0.005588719 [unitless], Hazard Quotient due to Ethylbenzene Contaminated Soil

HQ_{Ingestion of Soil} + HQ_{Inhalation of Particles} + HQ_{Inhalation of Vapors}
The hazard quotient from this individual compound does not exceed 1

References

- 1.) Smith, R.L. 1995. "EPA Region III Risk-Based Concentration Table Background Information."
- 2.) U.S. EPA 1991. *Risk Assessment Guidance for Superfund Volume 1: Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals)*. Publication EPA/540/R-92/003. Office of Emergency and Remedial Response, Washington, DC. NTIS PB92-963333

**Hazard Quotient (non-carcinogens)
Due to Direct Contact with Toluene Contaminated Soil
Non-Industrial Classification**

Site Specific Properties

C _{Toluene} =	1.2 [mg/kg], toluene concentration in soil (analytical results)
LS =	79 [m], width of contaminated area (measured)
A =	3112 [m ²], area of contaminated soil (measured)
OC =	0.0028 [fraction], organic carbon content of soil (analytical results)
p _s =	1.71 [g/cm ³], soil particle density (Analytical results)
E =	0.356 [unitless], soil porosity (analytical results)

Toluene Specific Properties

RfD _{o Toluene} =	0.2 [(mg/kg-day)], oral chronic reference dose (IRIS as reported in ref. 1)
RfD _{i Toluene} =	0.114 [(mg/kg-day)], inhalation chronic reference dose (IRIS as reported in ref. 1)
D _{i Toluene} =	0.09912 [cm ² /sec], molecular diffusivity or air diffusion coefficient
H _{Toluene} =	6.42E-03 [atm-m ³ /mol], Henry's law constant
K _{oc-Toluene} =	162 [cm ³ /g], organic carbon partition coefficient

DNR default exposure assumptions per NR 720.19(5)(c)1.a.

IR _{soil} =	200 [mg/day], ingestion rate of soil
IR _{air} =	20 [m ³ /day], daily inhalation rate
BW =	15 [kg], average body weight - child
ED =	6 [yr], exposure duration for inhalation of particulates
EF =	350 [days/year], exposure frequency
AT =	6 [yr], averaging time

Hazard Quotient due to Ingestion of Soil

Calculated Values (equations from reference 2)

IF_{soil/adj} = 80.00 [mg-yr/kg-day], age-adjusted soil ingestion factor

$$\frac{IR_{soil} * ED}{BW}$$

HQ_{ing Toluene} = 7.67E-05 [unitless], hazard quotient from ingestion of contaminated soil

$$\frac{C_{Toluene} * 10^{-6} \text{ kg/mg} * EF * IF_{soil/age}}{RfD_{o Toluene} * AT * 365 \text{ days/yr}}$$

Hazard Quotient due to Inhalation of Particulates

Assumptions (reference 2)

V =	2.25 [m/sec], wind speed in mixing zone
DH =	2 [m], diffusion height
RF =	0.036 [g/m ² -hr], respirable fraction
G =	0.05 [unitless], fraction of vegetative cover
U _m =	4.5 [m/sec], mean annual wind speed
U _t =	12.8 [m/sec], equivalent threshold value of wind speed at 10m
F(x) =	0.0497 [unitless], function dependent on U _m /U _t

Calculated Values (equations from reference 2)

PEF = 5.568E+09 [m³/kg], Particulate Emission Factor

$$\frac{LS * V * DH * 3600 \text{ sec/hr}}{A} * \frac{1000 \text{ g/kg}}{RF * (1-G) * (U_m/U_t)^3 * F(x)}$$

HQ_{inhP Toluene} = 2.41701E-09 [unitless], hazard quotient from inhalation of contaminated soil particles

$$\frac{C * ED * EF * IR_{air} * (1/PEF)}{RfD_i * BW * AT * 365 \text{ days/yr}}$$

Hazard Quotient due to Inhalation of Vapors

units conversion

$$A_{cm} = 31,120,000 \text{ [cm}^2\text{], area of contaminated soil}$$

Assumptions (reference 2)

$$T = 7.90E+08 \text{ [sec], exposure interval}$$

Calculated Values (equations from reference 2)

$$K_{d \text{ Toluene}} = 0.4536 \text{ [cm}^3\text{/g], soil-water partition coefficient}$$
$$K_{oc \text{ Toluene}} * OC$$

$$K_{as \text{ Toluene}} = 0.580291005 \text{ [g/cm}^3\text{], soil/air partition coefficient}$$
$$(H_{\text{Toluene}}/K_{d \text{ Toluene}}) * 41, \text{ where 41 is a units conversion factor}$$

$$D_{el \text{ Toluene}} = 0.070491994 \text{ [cm}^2\text{/g], effective diffusivity}$$
$$D_{l \text{ Toluene}} * E^{0.33}$$

$$\alpha_{\text{Toluene}} = 0.011134904 \text{ [cm}^2\text{/sec]}$$
$$\frac{D_{el \text{ Toluene}} * E}{E + (p_s)(1-E)/K_{as \text{ Toluene}}}$$

$$VF_{\text{Toluene}} = 2,061.4 \text{ [m}^3\text{/kg], soil-to-air volatilization factor}$$
$$\frac{LS * V * DH}{A_{cm}} * \frac{(3.14 * \alpha_{\text{Toluene}} * T)^{1/2}}{(2 * D_{el \text{ Toluene}} * E * K_{as \text{ Toluene}} * 10^{-3} \text{ kg/g})}$$

$$HQ_{inhV \text{ Toluene}} = 0.006528814 \text{ [unitless], cancer risk from inhalation of contaminated soil particles}$$
$$\frac{C_{\text{Toluene}} * ED * EF * IR_{air} * (1/VF_{\text{Toluene}})}{RfD_{l \text{ Toluene}} * AT * BW * 365 \text{ days/yr}}$$

Hazard Quotient due to Toluene Contaminated Soil

Hazard Quotient_{Toluene} = 0.006605529 [unitless], Hazard Quotient due to Toluene Contaminated Soil

HQ_{Ingestion of Soil} + HQ_{Inhalation of Particles} + HQ_{Inhalation of Volatiles}
The hazard quotient from this individual compound does not exceed 1

References

- 1.) Smith, R.L. 1995. "EPA Region III Risk-Based Concentration Table Background Information."
- 2.) U.S. EPA 1991. *Risk Assessment Guidance for Superfund Volume 1: Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals)*. Publication EPA/540/R-92/003. Office of Emergency and Remedial Response, Washington, DC. NTIS PB92-963333

**Hazard Quotient (non-carcinogens)
Due to Direct Contact with Xylene Contaminated Soil
Non-Industrial Classification**

Site Specific Properties

C _{Xylene} =	10.4 [mg/kg], xylene concentration in soil (analytical results)
LS =	79 [m], width of contaminated area (measured)
A =	3112 [m ²], area of contaminated soil (measured)
OC =	0.0028 [fraction], organic carbon content of soil (analytical results)
P _s =	1.71 [g/cm ³], soil particle density (Analytical results)
E =	0.356 [unitless], soil porosity (analytical results)

Xylene Specific Properties

RfD _{o Xylene} =	2 [(mg/kg-day)], oral chronic reference dose (HEAST as reported in ref. 1)
RfD _{i Xylene} =	0.2 [(mg/kg-day)], inhalation chronic reference dose (withdrawn from IRIS or HEAST as reported in ref.1)
D _{i Xylene} =	0.08 [cm ² /sec], molecular diffusivity or air diffusion coefficient
H _{Xylene} =	7.68E-03 [atm-m ³ /mol], Henry's law constant
K _{oc-Xylene} =	275 [cm ³ /g], organic carbon partition coefficient

DNR default exposure assumptions per NR 720.19(5)(c)1.a.

IR _{soil} =	200 [mg/day], ingestion rate of soil
IR _{air} =	20 [m ³ /day], daily inhalation rate
BW =	15 [kg], average body weight - child
ED =	6 [yr], exposure duration for inhalation of particulates
EF =	350 [days/year], exposure frequency
AT =	6 [yr], averaging time

Hazard Quotient due to Ingestion of Soil

Calculated Values (equations from reference 2)

IF_{soil/adj} = 80.00 [mg-yr/kg-day], age-adjusted soil ingestion factor

$$\frac{IR_{soil} * ED}{BW}$$

HQ_{ing Xylene} = 6.65E-05 [unitless], hazard quotient from ingestion of contaminated soil

$$\frac{C_{Xylene} * 10^{-6} \text{ kg/mg} * EF * IF_{soil/adj}}{RfD_{o Xylene} * AT * 365 \text{ days/yr}}$$

Hazard Quotient due to Inhalation of Particulates

Assumptions (reference 2)

V =	2.25 [m/sec], wind speed in mixing zone
DH =	2 [m], diffusion height
RF =	0.036 [g/m ² -hr], respirable fraction
G =	0.05 [unitless], fraction of vegetative cover
U _m =	4.5 [m/sec], mean annual wind speed
U _t =	12.8 [m/sec], equivalent threshold value of wind speed at 10m
F(x) =	0.0497 [unitless], function dependent on U _m /U _t

Calculated Values (equations from reference 2)

PEF = 5.568E+09 [m³/kg], Particulate Emission Factor

$$\frac{LS * V * DH * 3600 \text{ sec/hr}}{A} * \frac{1000 \text{ g/kg}}{RF * (1-G) * (U_m/U_t)^3 * F(x)}$$

HQ_{InhP Xylene} = 1.194E-08 [unitless], hazard quotient from inhalation of contaminated soil particles

$$\frac{C_{Xylene} * ED * EF * IR_{air} * (1/PEF)}{RfD_{i Xylene} * BW * AT * 365 \text{ days/yr}}$$

Hazard Quotient due to Inhalation of Vapors

units conversion

$$A_{cm} = 31,120,000 \text{ [cm}^2\text{], area of contaminated soil}$$

Assumptions (reference 2)

$$T = 7.90E+08 \text{ [sec], exposure interval}$$

Calculated Values (equations from reference 2)

$$K_{d \text{ Xylene}} = 0.77 \text{ [cm}^3\text{/g], soil-water partition coefficient}$$

$$K_{oc \text{ Xylene}} * OC$$

$$K_{as \text{ Xylene}} = 0.408935065 \text{ [g/cm}^3\text{], soil/air partition coefficient}$$

$$(H_{\text{Xylene}}/K_{d \text{ Xylene}}) * 41, \text{ where 41 is a units conversion factor}$$

$$D_{ei \text{ Xylene}} = 0.056894264 \text{ [cm}^2\text{/g], effective diffusivity}$$

$$D_{l \text{ Xylene}} * E^{0.33}$$

$$\alpha_{\text{Xylene}} = 0.006643069 \text{ [cm}^2\text{/sec]}$$

$$\frac{D_{ei \text{ Xylene}} * E}{E + (p_s)(1-E)/K_{as \text{ Xylene}}}$$

$$VF_{\text{Xylene}} = 2,799.4 \text{ [m}^3\text{/kg], soil-to-air volatilization factor}$$

$$\frac{LS * V * DH}{A_{cm}} * \frac{(3.14 * \alpha_{\text{Xylene}} * T)^{1/2}}{(2 * D_{ei \text{ Xylene}} * E * K_{as \text{ Xylene}} * 10^{-3} \text{ kg/g})}$$

$$HQ_{InhV \text{ Xylene}} = 0.023749656 \text{ [unitless], cancer risk from inhalation of contaminated soil particles}$$

$$\frac{C_{\text{Xylene}} * ED * EF * IR_{air} * (1/VF_{\text{Xylene}})}{RfD_{l \text{ Xylene}} * AT * BW * 365 \text{ days/yr}}$$

Hazard Quotient due to Xylene Contaminated Soil

Hazard Quotient_{Xylene} = 0.023816152 [unitless], Hazard Quotient due to Xylene Contaminated Soil

$HQ_{\text{Ingestion of Soil}} + HQ_{\text{Inhalation of Particles}} + HQ_{\text{Inhalation of Vapors}}$
The hazard quotient from this individual compound does not exceed 1

References

- 1.) Smith, R.L. 1995. "EPA Region III Risk-Based Concentration Table Background Information."
- 2.) U.S. EPA 1991. *Risk Assessment Guidance for Superfund Volume 1: Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals)*. Publication EPA/540/R-92/003. Office of Emergency and Remedial Response, Washington, DC. NTIS PB92-963333

**Hazard Quotient (non-carcinogens)
Due to Direct Contact with Naphthalene Contaminated Soil
Non-Industrial Classification**

Site Specific Properties

$C_{\text{Naphthalene}}$ =	36 [mg/kg], naphthalene concentration in soil
LS =	79 [m], width of contaminated area (measured)
A =	3112 [m ²], area of contaminated soil (measured)
OC =	0.0028 [fraction], organic carbon content of soil (analytical results)
p_s =	1.71 [g/cm ³], soil particle density (Analytical results)
E =	0.356 [unitless], soil porosity (analytical results)

Naphthalene Specific Properties

RfD_o Naphthalene =	4.00E-03 [(mg/kg-day)], oral chronic reference dose (HEAST as reported in ref. 1)
RfD_i Naphthalene =	na [(mg/kg-day)], inhalation chronic reference dose (withdrawn from IRIS or HEAST as reported in ref.1)
D_i Naphthalene =	0.097 [cm ² /sec], molecular diffusivity or air diffusion coefficient
$H_{\text{Naphthalene}}$ =	4.80E-04 [atm-m ³ /mol], Henry's law constant
K_{oc} -Naphthalene =	871 [cm ³ /g], organic carbon partition coefficient

DNR default exposure assumptions per NR 720.19(5)(c)1.a.

IR_{soil} =	200 [mg/day], ingestion rate of soil
IR_{air} =	20 [m ³ /day], daily inhalation rate
BW =	15 [kg], average body weight - child
ED =	6 [yr], exposure duration for inhalation of particulates
EF =	350 [days/year], exposure frequency
AT =	6 [yr], averaging time

Hazard Quotient due to Ingestion of Soil

Calculated Values (equations from reference 2)

$IF_{\text{soil/adj}}$ = 80.00 [mg-yr/kg-day], age-adjusted soil ingestion factor

$$\frac{IR_{\text{soil}} * ED}{BW}$$

$HQ_{\text{Ing Naphthalene}}$ = 1.15E-01 [unitless], hazard quotient from ingestion of contaminated soil

$$\frac{C_{\text{Naphthalene}} * 10^{-6} \text{ kg/mg} * EF * IF_{\text{soil/age}}}{RfD_o \text{ Naphthalene} * AT * 365 \text{ days/yr}}$$

Hazard Quotient due to Inhalation of Particulates

Assumptions (reference 2)

V =	2.25 [m/sec], wind speed in mixing zone
DH =	2 [m], diffusion height
RF =	0.036 [g/m ² -hr], respirable fraction
G =	0.05 [unitless], fraction of vegetative cover
U_m =	4.5 [m/sec], mean annual wind speed
U_t =	12.8 [m/sec], equivalent threshold value of wind speed at 10m
$F(x)$ =	0.0497 [unitless], function dependent on U_m/U_t

Calculated Values (equations from reference 2)

PEF = 5.568E+09 [m³/kg], Particulate Emission Factor

$$\frac{LS * V * DH * 3600 \text{ sec/hr}}{A} * \frac{1000 \text{ g/kg}}{RF * (1-G) * (U_m/U_t)^3 * F(x)}$$

$HQ_{\text{InhP Naphthalene}}$ = #VALUEI [unitless], hazard quotient from inhalation of contaminated soil particles

RfD_i Naphthalene value is not available $\frac{C_{\text{Naphthalene}} * ED * EF * IR_{\text{air}} * (1/PEF)}{RfD_i \text{ Naphthalene} * BW * AT * 365 \text{ days/yr}}$

Hazard Quotient due to Inhalation of Vapors

units conversion

A_{cm} = 31,120,000 [cm²], area of contaminated soil

Assumptions (reference 2)

T =	7.90E+08 [sec], exposure interval
-----	-----------------------------------

Calculated Values (equations from reference 2)

$$K_{d \text{ Naphthalene}} = 2.4388 \text{ [cm}^3\text{/g], soil-water partition coefficient}$$

$$K_{oc \text{ Naphthalene}} * OC$$

$$K_{as \text{ Naphthalene}} = 0.008069542 \text{ [g/cm}^3\text{], soil/air partition coefficient}$$

$$(H_{\text{Naphthalene}}/K_{d \text{ Naphthalene}}) * 41, \text{ where 41 is a units conversion factor}$$

$$D_{el \text{ Naphthalene}} = 0.068984296 \text{ [cm}^2\text{/g], effective diffusivity}$$

$$D_{i \text{ Naphthalene}} * E^{0.33}$$

$$\alpha_{\text{Naphthalene}} = 0.000179488 \text{ [cm}^2\text{/sec]}$$

$$\frac{D_{el \text{ Naphthalene}} * E}{E + (p_s)(1-E)/K_{as \text{ Naphthalene}}}$$

$$VF_{\text{Naphthalene}} = 19,231.7 \text{ [m}^3\text{/kg], soil-to-air volatilization factor}$$

$$\frac{LS * V * DH}{A_{cm}} * \frac{(3.14 * \alpha_{\text{Naphthalene}} * T)^{1/2}}{(2 * D_{el \text{ Naphthalene}} * E * K_{as \text{ Naphthalene}} * 10^{-3} \text{ kg/g})}$$

$$HQ_{inhV \text{ Naphthalene}} = \#VALUE! \text{ [unitless], cancer risk from inhalation of contaminated soil particles}$$

$$RfD_{i \text{ Naphthalene}} \text{ value is not available} \frac{C_{\text{Naphthalene}} * ED * EF * IR_{air} * (1/VF_{\text{Naphthalene}})}{RfD_{i \text{ Naphthalene}} * AT * BW * 365 \text{ days/yr}}$$

Hazard Quotient due to Naphthalene Contaminated Soil

Hazard Quotient_{Naphthalene} = 0.115068493 [unitless], Hazard Quotient due to Naphthalene Contaminated Soil

$HQ_{\text{Ingestion of Soil}} + *HQ_{\text{Inhalation of Particles}} + *HQ_{\text{Inhalation of Vapors}}$

*RfD_{i Naphthalene} value is not available, therefore, these values cannot be calculated and are assumed to be zero

The hazard quotient from this individual compound does not exceed 1

References

- 1.) Smith, R.L. 1995. "EPA Region III Risk-Based Concentration Table Background Information."
- 2.) U.S. EPA 1991. *Risk Assessment Guidance for Superfund Volume 1: Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals)*. Publication EPA/540/R-92/003. Office of Emergency and Remedial Response, Washington, DC. NTIS PB92-963333

APPENDIX G

**Groundwater Mixing Zone and
SPLP Testing Analysis Spreadsheets**

Reinders, Inc.
Development of Site-Specific Soil Standards from Leaching Tests

Determine which Relationship Provides the Best Prediction of Partitioning at this Specific Site			
Eq'n Assumed to Reexpress Partitioning Relationship:	$Y_{i,estimated} = b_1 X_i$	$Y_{i,estimated} = b_0 + b_1 X_i$	$Log(Y_{i,estimated}) = b_0 + b_1 Log(X_i)$
$R^2 =$ Coefficient of Determination =	0.508295325	0.527070827	0.608871899

The arrows point to the relationship that provides the best prediction of partitioning

Naphthalene

Logarithmic Plot - Estimate the Site-Specific Soil Standard from the Upper 95% Confidence Limit of a Regression Line on a Logarithmic Plot, $Log(Y_{i,estimated}) = b_0 + b_1 Log(X_i)$

Sample I.D.	X_i LOG of soil concentration	Y_i LOG of splp concentration	$Y_{i,estimated}$ estimated best fit splp value $= b_0 + b_1 X_i$	$Y_i - Y_{i,estimated}$ Residual	$(Y_i - Y_{i,estimated})^2$ Residual Squared	$X_i - X_{i,mean}$	$(X_i - X_{i,mean})^2$	$s(Y_{i,estimated})$ Estimated Standard Deviation of Estimated Best Fit SPLP Value $= [MSE(1/n + (X_i - X_{i,mean})^2 / \sum (X_i - X_{i,mean})^2)]^{0.5}$	Working-Hotelling function $= [2^*F_{1-\alpha, (1-A, 2, n-2)}]^{0.5}$	Upper 95% Confidence Limit of SPLP Estimate $= Y_{i,estimated} + s(Y_{i,estimated}) * W$	Lower 95% Confidence Limit of SPLP Estimate $= Y_{i,estimated} - s(Y_{i,estimated}) * W$
C2A:5-7	3.913813852	1.255272505	0.881474342	0.373798164	0.139725067	0.654996972	0.429021034	0.168730731	3.207257203	1.422637194	0.340311489
C5B:9-11	3.579783597	0	0.736219062	-0.736219062	0.542018508	0.320966717	0.103019533	0.147884798	3.207257203	1.210523647	0.261914478
C5B:11-13	3.866771734	0.770852012	0.913200562	-0.14234855	0.02026311	0.727954854	0.52991827	0.174679137	3.207257203	1.473441481	0.352958643
C6A:9-11	3.568201724	0.908485019	0.731182608	0.177302411	0.031436145	0.309384844	0.095718982	0.147384213	3.207257203	1.203881688	0.258483529
C6A:11-13	2.176091259	-0.167491087	0.125814111	-0.293305198	0.086027939	-1.082725821	1.17229477	0.208610165	3.207257203	0.794880565	-0.543252344
C12A:9-11	1.096910013	-0.107905397	-0.343475034	0.235569637	0.055493054	-2.161806867	4.673841302	0.338244986	3.207257203	0.741363633	-1.428313701
C13A:9-11	3.707570176	1	0.791787907	0.208212093	0.043352276	0.448753296	0.201379521	0.154470982	3.207257203	1.287216076	0.286359738
C13A:11-13	4.041392685	1.113943352	0.936952846	0.176890507	0.031325639	0.782575905	0.612424891	0.179386795	3.207257203	1.512324508	0.361581183
LOG(Site-Specific Soil Standard) =	3.613989823		0.751093781			0.355172743	0.126147677	0.149459554	3.207257203	1.230448913	0.271738548

check: this number should equal the log of the PAL for Naphthalene, $log(PAL_{Naphthalene}) = 1.23045$

Site-Specific Soil Standard = 4111.398971

linear regression output

$b_1 = 0.434856653 =$ slope of best fit line

$b_0 = -0.820473651 =$ intercept of best fit line

$R^2 = 0.608871899 =$ coefficient of determination

$n = 8$

$X_{i,mean} = 3.26$

$\sum (X_i - X_{i,mean})^2 = 7.82$

$\sum (Y_i - Y_{i,estimated}) = 0.000000000 =$ sum of residuals

check: The sum of the residuals will equal 0.0 when the regression is done correctly

$SSE = 0.849841738 = \sum (Y_i - Y_{i,estimated})^2 =$ sum of squared residual

$MSE = 0.158273623 = (\sum (Y_i - Y_{i,estimated})^2) / (n-2) =$ residual mean square

$A = 0.95 =$ desired confidence percentile

$LOG(PAL_{Naphthalene}) = 1.230448921$ ppb

NOTE: Based on the groundwater mixing zone equation, the naphthalene concentration in the leachate cannot exceed 17 ppb. This calculation is based on an assumed PAL of 17 ppb for naphthalene

Confidence Band Calculations for Regression Line are Performed According to Method Described in:

Neter, J., Wasserman, W., and Kutner, M.H. 1985. *Applied Linear Statistics Models: Regression, Analysis of Variance, and Experimental Designs. 2nd Edition.* Richard D. Irwin, Inc.: pp 154-157

i:\splp\Confidence Band for Regression Line.xls

APPENDIX G

**Groundwater Mixing Zone and
SPLP Testing Analysis Spreadsheets**

Site Name: REINDERS, INC.

Groundwater Mixing Zone used to Determine Maximum Allowable Leachate Concentration from Contaminated Vadose Zone Soil

Using "Leachate Transport: Leaching Impact on Groundwater" equation from Table X3.1 of ASTM Standard Guide for Risk-Based Corrective Action Applied at Petroleum Sites, ASTM Designation E 1739 - 95

$$C_{w,eq} = C_{source} \frac{(K_s i M + q_i W)}{q_i W}$$

where:

- $C_{w,eq}$ = maximum allowable leachate from vadose zone soils
- C_{source} = maximum allowable groundwater concentration (NR140 PAL)
- K_s = saturated hydraulic conductivity
- i = groundwater gradient
- M = groundwater mixing zone thickness
- q_i = water infiltration rate
- W = width of impacted soil zone

Site-Specific Information

- K_s = 4.11E-04 cm/sec
- i = 0.035 ft/ft
- W = 80 feet

Default Assumptions [NR720.09 (3)(b)]

- M = 5 feet
- q_i = 10 inches/year

Conversion to Consistent Units

- K_s = 0.000411208 cm/sec
- i = 0.035 cm/cm
- W = 2438.4 cm
- M = 152.4 cm
- q_i = 8.05429E-07 cm/sec

Compound	Max. Allowable Groundwater Concentration C_{source} [NR140 PAL] ($\mu\text{g/liter}$)	Dilution Factor $\frac{(K_s i M + q_i W)}{q_i W}$ (unitless)	Max. Allowable Leachate Concentration $C_{w,eq}$ ($\mu\text{g/liter}$)
Benzene	0.5	2.1168	1.1
1,2 Dichloroethane	0.5	2.1168	1.1
Ethylbenzene	140	2.1168	296
MTBE	12	2.1168	25
Toluene	68.6	2.1168	145.2
Trimethylbenzenes	10 proposed	2.1168	21
Xylenes (Total)	124	2.1168	262
Acenaphthylene	0.5 proposed	2.1168	1.1
Anthracene	600 proposed	2.1168	1270
Benzo(a)pyrene	0.02	2.1168	0.04
Benzo(b)flouranthene	0.02 proposed	2.1168	0.04
Chrysene	0.02 proposed	2.1168	0.04
Flouranthene	80 proposed	2.1168	169
Napthalene	8	2.1168	17
Pyrene	50 proposed	2.1168	106

Reinders, Inc.
Development of Site-Specific Soil Standards from Leaching Tests

Determine which Relationship Provides the Best Prediction of Partitioning at this Specific Site			
Eq'n Assumed to Represent Partitioning Relationship:	$Y_{i,estimated} = b_1 X_i$	$Y_{i,estimated} = b_0 + b_1 X_i$	$\text{Log}(Y_{i,estimated}) = b_0 + b_1 \text{Log}(X_i)$
$R^2 = \text{Coefficient of Determination} =$	0.508295325	0.527070027	0.608671889

The arrows point to the relationship that provides the best prediction of partitioning

Naphthalene

Logarithmic Plot - Estimate the Site-Specific Soil Standard from the Upper 95% Confidence Limit of a Regression Line on a Logarithmic Plot, $\text{Log}(Y_{i,estimated}) = b_0 + b_1 \text{Log}(X_i)$

Sample I.D.	X_i LOG of soil concentration	Y_i LOG of splp concentration	$Y_{i,estimated}$ estimated best fit splp value $= b_0 + b_1 X_i$	$Y_i - Y_{i,estimated}$ Residual	$(Y_i - Y_{i,estimated})^2$ Residual Squared	$X_i - X_{i,mean}$	$(X_i - X_{i,mean})^2$	$s(Y_{i,estimated})$ Estimated Standard Deviation of Estimated Best Fit SPLP Value $= [MSE(1/n + (X_i - X_{i,mean})^2 / \sum (X_i - X_{i,mean})^2)]^{0.5}$	Working-Hotelling function $= [2 * F_{1-\alpha}(1-A, 2, n-2)]^{0.5}$	Upper 95% Confidence Limit of SPLP Estimate $= Y_{i,estimated} + s(Y_{i,estimated}) * W$	Lower 95% Confidence Limit of SPLP Estimate $= Y_{i,estimated} - s(Y_{i,estimated}) * W$
C2A:5-7	3.913613852	1.255272505	0.881474342	0.373798164	0.139725067	0.654996972	0.429021034	0.168730731	3.207257203	1.422637194	0.340311489
C5B:9-11	3.579783597	0	0.736219062	-0.736219062	0.542018508	0.320966717	0.103019633	0.147884798	3.207257203	1.210523647	0.261914476
C5B:11-13	3.986771734	0.770852012	0.913200562	-0.14234855	0.02026311	0.727954854	0.52981827	0.174679137	3.207257203	1.473441481	0.352958643
C6A:9-11	3.568201724	0.908485019	0.731182608	0.177302411	0.031436145	0.309384844	0.095748982	0.147384213	3.207257203	1.203881698	0.258463529
C6A:11-13	2.176091259	-0.167491087	-0.125814111	-0.293305199	0.086027939	-1.082725621	1.17229477	0.208610165	3.207257203	0.794890565	-0.543252344
C12A:9-11	1.096910013	-0.107905397	-0.343475034	0.235569637	0.055493054	-2.161906867	4.673841302	0.338244986	3.207257203	0.741363633	-1.428313701
C13A:9-11	3.707570176	1	0.791787907	0.208212093	0.043352276	0.448753296	0.201379521	0.154470982	3.207257203	1.287216076	0.296359738
C13A:11-13	4.041392685	1.113943352	0.936952846	0.176990507	0.031325639	0.782575805	0.612424891	0.179396795	3.207257203	1.512324508	0.361581183
	LOG(Site-Specific Soil Standard) = 3.813998973		0.751093781			0.355172743	0.126147677	0.149459554	3.207257203	1.230448913	0.271798548

check: this number should equal the log of the PAL for Naphthalene, $\text{log}(PAL_{\text{Naphthalene}}) = 1.23045$

Site-Specific Soil Standard = 4111.389971

linear regression output

$b_1 = 0.434856653 = \text{slope of best fit line}$

$b_0 = -0.820473651 = \text{intercept of best fit line}$

$R^2 = 0.608871889 = \text{coefficient of determination}$

$n = 8$

$X_{i,mean} = 3.26$

$\sum (X_i - X_{i,mean})^2 = 7.82$

$\sum (Y_i - Y_{i,estimated}) = 0.000000000 = \text{sum of residuals}$

check: The sum of the residuals will equal 0.0 when the regression is done correctly

$SSE = 0.949641738 = \sum (Y_i - Y_{i,estimated})^2 = \text{sum of squared residual}$

$MSE = 0.158273623 = (SSE / (n-2)) = \text{residual mean square}$

$A = 0.95 = \text{desired confidence percentile}$

$\text{LOG}(PAL_{\text{Naphthalene}}) = 1.230448921 \text{ ppb}$

NOTE: Based on the groundwater mixing zone equation, the naphthalene concentration in the leachate cannot exceed 17 ppb. This calculation is based on an assumed PAL of 17 ppb for naphthalene

Confidence Band Calculations for Regression Line are Performed According to Method Described in:

Neter, J., Wasserman, W., and Kutner, M.H. 1985. *Applied Linear Statistics Models: Regression, Analysis of Variance, and Experimental Designs. 2nd Edition.* Richard D. Irwin, Inc.: pp 154-157

i:\spls\SPLP-Confidence Band for Regression Line.xls