eder associates
a division of Gannett Fleming

GANNETT FLEMING, INC.
8025 Excelsior Drive
Madison, WI 53717-1900
Office: (608) 836-1500
Fax: (608) 831-3337

April 9, 1999
File #1552-1

Mr. Aubrey Fowler
P.O. Box 5326
Madison, WI 53705

Re: Subsurface Investigation of Dry Cleaning Solvents in Soil
Hi-Way Dry Cleaners, 6617-6619 University Avenue, Middleton, Wisconsin

Dear Mr. Fowler:

This letter summarizes the soil investigation Eder Associates (nka Gannett Fleming) has completed at the Hi-Way Dry Cleaners site at 6617-6619 University Avenue in Middleton, Wisconsin. The letter provides a brief project background, describes the investigation activities and analytical results, and includes conclusions and recommendations. Figure 1 is a location map for the site.

Project Background

On January 15, 1996, Dave Olig met with Ruth and Vern Kath, the current lessees of the property, concerning their historical use of chemicals at the site. According to the Kaths, they began operating Hi-Way Dry Cleaners at this location in about 1952, when the building was constructed. All cleaning solvents were used in a detached, concrete-block building behind 6619 University Avenue. Solvents were originally stored in underground storage tanks (USTs) next to the building and later stored in containers in the detached building.

According to Mr. Kath, they used Stoddard solvent for their cleaning operation from approximately 1952 until the early 1980s. The Stoddard solvent was originally stored in two 300-gallon USTs on the east side of the detached building. When additional storage capacity was required, the original tanks were removed and replaced with one 300- and one 500-gallon tank on the west side of the building. The locations of the tanks are shown on Figure 2. In the early 1980s, the Kaths stopped using Stoddard solvent and switched to tetrachloroethylene (PCE). According to Mrs. Kath, Safety Kleen has always collected and recycled the used PCE. The two remaining USTs on the west side of the building were removed when the switch to PCE was made. Mr. Kath stated that although the two 300-gallon USTs had been removed earlier, he couldn't remember when. According to Mr. Kath, there were no releases from any of the four USTs, nor were there surface spills, at the site.

The Kaths both stated that natural gas was always used in the on-site boiler, meaning there was never a UST for heating oil at the site.

Continued ...

Scope of Investigation

On January 23, 1996, Eder conducted an investigation using a Geoprobe to collect soil samples to determine whether or not past operating practices at the site had resulted in any environmental impacts. The results of the initial investigation documented the presence of PCE-contaminated soils at the site. Because the full extent of PCE-contaminated soils was not determined during the initial investigation, a second Geoprobe investigation was conducted on February 21, 1996, to determine the horizontal and vertical extent of the contaminated soils. The procedures used during the two investigations and the results of those investigations are discussed below.

Geoprobe Investigations

Sixteen probeholes were sampled during the two investigations: GP-1 through GP-8 in the initial investigation and GP-9 through GP-16 in the second investigation. The locations of these probeholes are shown on Figure 3. Locations GP-2, GP-3, GP-5, and GP-6 were selected to verify that the USTs had been removed and to determine whether there had been any releases from the tanks. Locations GP-1, GP-4, GP-7, and GP-8 were selected to identify any surface spills that might have occurred. The locations of the additional borings, GP-9 through GP-16, were selected based on the results of the initial investigation.

Soil samples were collected from borings GP-1 through GP-8 at 4- to 5-foot intervals, starting just below the asphalt pavement and continuing to a depth of 17 feet. Soil samples were collected from borings GP-9 through GP-16 at 5-foot intervals, starting at a depth of 4 feet and continuing to depths ranging from 27 to 51 feet below grade, based on the results of field screening. An attempt was made to collect a groundwater sample from GP-14, but there was no recharge into the probehole, so a water sample could not be collected.

Immediately after the soil samples were recovered, they were split into two portions; one portion was placed in a glass jar and field screened with a Microtip organic vapor analyzer (Microtip), while the other portion was placed in a laboratory-supplied container and stored in an ice-filled cooler for possible laboratory analysis. The Microtip was calibrated to 100 ppm isobutylene gas. At least two unsaturated soil samples from each probehole, the one with the highest field screening reading and the one collected at the bottom of the probehole, were submitted for laboratory analysis. Soil samples from GP-1 through GP-8 were analyzed for gasoline range organics (GRO) and volatile organic compounds (VOCs) using EPA method 8021. The laboratory had originally recommended that GRO be used to determine the presence or absence of Stoddard solvent, but the laboratory was not satisfied

Continued ...

with the results of the GRO analyses. Because Stoddard solvent, once a common dry cleaning agent, is nearly identical in composition to mineral spirits, the laboratory recommended that soil samples collected from GP-9 through GP-16 be analyzed for mineral spirits by the California method. Because PCE, a common dry cleaning agent, was detected in soils collected during the initial investigation, these samples were also analyzed for PCE. Attachment A contains copies of Enviroscan's laboratory reports and the chain of custody records for the soil samples.

The soils encountered during the two investigations consist of three units. The uppermost unit, a fine-to-medium sand, extends from the surface to a depth of approximately 19 feet and was present in all probeholes. The next layer, a very fine silty sand and silt, 6 to 18 inches thick, lies beneath the fine-to-medium sand, and appears to "pinch out" beneath the paved driveway in the southern part of the site. Beneath the sand and silt layer is a fine sand, which extends to a depth of at least 50 feet in probe location GP-11. Figure 4 is a cross section showing the site stratigraphy. Regionally, groundwater is believed to be at a depth of approximately 65 to 70 feet. However, a saturated soil sample was collected from 49 to 51 feet in GP-11. We could not determine with the Geoprobe whether the saturated sample reflects a perched condition or the true water table. Attachment B includes the soil boring logs and borehole abandonment forms.

Results

Table 1 presents the field screening results by depth for the soil samples from the sixteen probeholes. The Microtip head space readings that were greater than 100 ppm equivalent isobutylene are shown in bold for clarity. Microtip readings greater than 100 ppm equivalent concentrations of isobutylene were measured in soils collected from a depth of 5 feet in probe locations GP-6, GP-7, GP-8, and GP-11, all located in an area near the northwest corner of the dry cleaning building, the entrance to the dry cleaning equipment building, and UST #4. Readings above 100 ppm were also measured in soils at depths of 20 feet in probe locations GP-10, GP-11, GP-14, and GP-15, and at depths of 25 feet in probe locations GP-13 and GP-16. The samples collected at depths of 20 feet correspond with the sandy silt layer identified beneath the site.

Table 2 presents the results for laboratory analysis of the soil samples for PCE. Soil samples containing PCE concentrations greater than 0.1 mg/kg (ppm) are shown in bold. PCE concentrations greater than 0.1 ppm were present in samples collected at a depth of 5 feet in probe location GP-2, driven through the former location of UST #1, and GP-6, driven through the former location of UST #4. PCE concentrations greater than 0.1 ppm were also present in soil samples collected at a depth of 20 feet in probe locations GP-10, GP-11, GP-13, GP-14, and GP-15. The concentration in GP-13

Continued ...

at 25 feet was 22.4 ppm of PCE. Although there are no NR 720 soil cleanup standards for PCE, the groundwater preventive action limit and enforcement standard are 0.5 and 5 parts per billion (ppb), respectively.

Concentrations of mineral spirits (Stoddard solvent) were measured in soils collected from probe locations GP-9 through GP-16. Table 3 presents the laboratory results. Stoddard solvent was detected at depths of 20 and 25 feet at probe locations GP-10 through GP-16 in concentrations ranging from 39.7 ppm in GP-16 at 25 feet to 39,220 ppm in GP-13 at 25 feet. Stoddard solvent was not detected at a depth of 5 feet in GP-10 and GP-11 or at depths of 35 or 50 feet at probe locations GP-11 through GP-16.

Figure 4 is a cross section showing soil concentrations of both PCE and Stoddard solvent with depth. This cross section shows that high concentrations of both contaminants are found lying on and in the fine sand and silt layer and are found at depths below 20 feet only in GP-13 and GP-16 where this layer has "pinched out." High concentrations of PCE were also found in and directly beneath the fill in the former UST basins on both sides of the building.

The results of the two subsurface investigations can be summarized as follows:

- Microtip field screening concentrations greater than 100 ppm were measured in soil samples collected from a depth of 5 feet at the northwest corner of the dry cleaning equipment building.

- PCE concentrations greater than 1 ppm are present in and directly beneath the fill in the both former tank basins.

- PCE concentrations greater than 1 ppm and Stoddard solvent concentrations greater than 10 ppm are present beneath much of the enlarged area shown on Figure 1 at a depth of 20 feet. This depth corresponds to the fine sand and silt layer.

- PCE concentrations greater than 1 ppm, and Stoddard solvent concentrations greater than 10 ppm, are present south of the dry cleaning equipment building at a depth of 25 feet, where the sand and silt layer is not present.

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Conclusions

Based on the investigative results and the soil stratigraphy at the site, conclusions can be drawn about both the contaminant sources and the contaminant fate and transport.

Contaminant Sources

The results of the investigation confirm that contamination from both PCE and Stoddard solvent is present at the site, as summarized below.

- The high OVA readings and PCE concentrations in soil samples collected at a depth of 5 feet in probe locations at the northwest corner of the dry cleaning equipment building indicate there was likely a release of PCE in that area.

- The PCE detected at concentrations greater than 1 ppm at a depth of 5 feet beneath the former locations of UST #1 and UST #4 indicate that either the tanks were used to store PCE and leaked, or the PCE has resulted from surface spills at those locations.

- The Stoddard solvent detected at concentrations greater than 100 ppm beneath the former UST locations on both sides of the building indicates that UST #1 and UST #4 probably both leaked or that there were surface spills of Stoddard solvent at those locations.

Contaminant Transport and Fate

The results of the investigation suggest the following conclusions about the movement of the contaminants through the soil.

- Both the PCE and the Stoddard solvent migrated downward from the former UST locations and possibly the northwest corner of the dry cleaning equipment building, until they encountered the fine silty sand and silt layer. Although low concentrations of PCE have migrated to the base of the fine silty sand and silt layer, no high concentrations of PCE or Stoddard solvent were found directly beneath this layer.

Continued ...

- Both PCE and Stoddard solvent have migrated laterally on the fine silty sand and silt layer and, upon encountering the southern edge of that layer, have migrated downward to a depth of at least 25 feet, as shown by the PCE and Stoddard solvent concentrations in GP-13 and GP-16. However, neither PCE nor Stoddard solvent was detected in GP-13 at a depth of 35 feet.

- Because there were no headspace readings greater than 100 ppm, no PCE concentrations greater than 0.1 ppm, and no detectable concentrations of Stoddard solvent in probe locations GP-9 or GP-12, these two locations set the eastern and western limits, respectively, of the higher concentrations of contaminants found in probe locations GP-14 and GP-15.

- The detection of PCE, albeit at a low concentration (0.005 ppm), in the soil at a depth of 50 feet in GP-11, indicates it is likely that PCE has reached groundwater, estimated to be at a depth of at least 50 feet.

Recommendations

Before a plan to remediate this site can be proposed, additional investigation is needed to define as clearly as possible the horizontal extent of the high concentrations of contaminants found at a depth of 20 feet and to determine the impact to groundwater from contaminants originating at this site. Therefore, we recommend additional limited soil investigation and installation of groundwater monitoring wells.

Soil Investigation

The horizontal extent of the contaminants in the soil will be determined by collecting soil samples with a Geoprobe. The Geoprobe is more appropriate than a conventional drill rig because it is less expensive, does not generate soil cuttings that have to be drummed and disposed of, and can work in tight spaces with limited clearances.

We recommend collecting soil samples from the five locations shown on Figure 5. The location of GP-18 corresponds to the northernmost location possible for a probehole. Because there is a steep grade that dips from the residential area south of the site, to the southern edge of the paved driveway, the location of GP-21 corresponds to the southwesternmost possible location for a probehole. The locations of GP-17, GP-19, and GP-20 were selected to determine the eastern and western extent of

Continued ...

the contaminants. Soil samples will be collected at 5-foot intervals from probe locations GP-19, GP-20, and GP-21, starting just below the pavement and continuing to a depth of 30 feet. Because soil samples from probe locations GP-4 and GP-8 have already been collected to a depth of 15 feet and analyzed, soil samples will be collected from GP-17 and GP-18 only from depths of 20, 25, and 30 feet. Deeper samples will be collected if field-screening results indicate that contamination extends beyond a depth of 30 feet.

The soil samples will be split into two portions; one portion will be placed in a glass jar and field screened with a Microtip, while the other portion will be placed in a laboratory-supplied container, properly preserved, and stored in an ice-filled container for possible laboratory analysis. At least two unsaturated soil samples from each probehole, the one with the highest field-screening reading and the one collected for the bottom of the probehole, will be submitted for laboratory analysis. The samples will be analyzed for mineral spirits (Stoddard solvent) by the California method and for PCE.

Groundwater Investigation

Groundwater is estimated to be located at a depth of between 50 and 65 feet and likely flows to the northeast toward Lake Mendota. The assumed direction of groundwater flow is shown on Figure 6.

Groundwater quality will be determined by installing four groundwater monitoring wells, MW-1 through MW-4. The proposed monitoring well locations are shown on Figure 6. MW-1 will serve as a background monitoring well. The location of MW-2 was selected to correspond to a source area, the edge of the silty sand and silt layer and the high soil concentrations of Stoddard solvent and PCE found at a depth of 25 feet. The locations of MW-3 and MW-4 were selected to determine concentrations of PCE and Stoddard solvent in groundwater downgradient from the source area and to establish the actual direction of groundwater flow. The four wells will be installed and developed according to the Wisconsin Department of Natural Resources Chapter NR 141 code requirements.

Groundwater samples will be collected from the four wells after they have been developed, and the samples will be submitted for analysis of mineral spirits by the California method and for a full VOC analysis by EPA Method 8021. Soil samples will be collected from the four well boreholes using a split-spoon sampler at 10-foot intervals, beginning just below the ground surface and continuing until groundwater is encountered. The soil samples will be split into two portions; one portion will be placed in a glass jar and field screened with a Microtip, while the other portion will be placed in a laboratory-supplied container and stored in an ice-filled container for possible laboratory analysis. At least one unsaturated soil sample from each boring, the one collected from just above the water

Continued ...

table, will be submitted for analysis for mineral spirits by the California method and for PCE. Additional soil samples will be submitted for analysis if the field screening results indicate high concentrations of VOCs in the soils. One soil sample will be collected from each of the three soil types present at the site for grain size analysis. This information will be used to design the remedial system.

A proposal, including a budget, for implementing the above recommendations can be prepared and submitted to you at your request. Because the scope of the investigation has expanded from a limited soil investigation to a larger investigation that includes both soil and groundwater, we would appreciate the opportunity to meet with you at your convenience to discuss our recommendations and the broader issues associated with this site.

If you have any questions or need further information, please call me.

Sincerely,

Eder Associates, a Division of Gannett Fleming

David J. Olig, P.G.
Senior Project Manager

DJO/reb
Enc.

HI-WAY DRY CLEANERS
MIDDLETON, WISCONSIN

TABLE 1

HEAD SPACE READINGS OF SOIL SAMPLES
(MICROTIP™ CALIBRATED TO 100 PPM ISOBUTYLENE)

Boring ID	Depth (ft)						
	5	10	15	20	25	35	50
GP-1	27.9	49.8	3.3	--	--	--	--
GP-2	22.4	6.4	12.6	--	--	--	--
GP-3	--	9.9	12.1	--	--	--	--
GP-4	23.7	72.2	33.8	--	--	--	--
GP-5	11.0	94.2	13.6	--	--	--	--
GP-6	**141**	10.2	32.8	--	--	--	--
GP-7	**701**	72.6	**121**	--	--	--	--
GP-8	**135**	68.8	93.5	--	--	--	--
GP-9	11.2	11.6	11.7	32.9	30.3	--	--
GP-10	5.0	17.7	29.7	**1,880**	**714**	--	--
GP-11	**270**	**220**	**156**	**1,154**	55.1	1.2	1.0
GP-12	10.7	12.6	11.6	35.1	89.5	10.6	--
GP-13	10.5	9.4	4.8	**361**	**1,342**	8.6	--
GP-14	--	7.5	--	**1,344**	12.8	10.8	--
GP-15	--	--	--	**1,391**	13.7	33.2	--
GP-16	--	--	--	13.2	**1,585**	--	--

NOTES:
-- = Not sampled.
Screening values greater than 100 ppm are shown in bold for clarity.

HI-WAY DRY CLEANERS
MIDDLETON, WISCONSIN

TABLE 2

SOIL SAMPLING RESULTS
TETRACHLOROETHYLENE (PCE) BY EPA METHOD 8021 (PCE) mg/kg

Boring ID	Depth (ft)						
	5	10	15	20	25	35	50
GP-1	--	0.005	0.023	--	--	--	--
GP-2	**5.66**	--	0.024	--	--	--	--
GP-3	--	0.011	0.024	--	--	--	--
GP-4	--	0.014	0.040	--	--	--	--
GP-5	--	0.010	<0.004	--	--	--	--
GP-6	**50.1**	0.027	--	--	--	--	--
GP-7	0.007	--	0.028	--	--	--	--
GP-8	0.028	--	**0.111**	--	--	--	--
GP-9	--	--	--	0.036	0.010	--	--
GP-10	--	0.017	--	**0.932**	0.012	--	--
GP-11	--	<0.025	--	**239**	<0.025	--	0.005
GP-12	--	--	--	--	0.007	0.005	--
GP-13	--	--	--	**0.866**	**22.4**	<0.002	--
GP-14	--	--	--	**17.3**	--	<0.025	--
GP-15	--	--	--	**13.5**	--	0.003	--
GP-16	--	--	--	0.007	<0.025	--	--

NOTES:
-- = Not sampled.
Concentrations greater than 0.1 mg/kg are shown in bold for clarity.

HI-WAY DRY CLEANERS
MIDDLETON, WISCONSIN

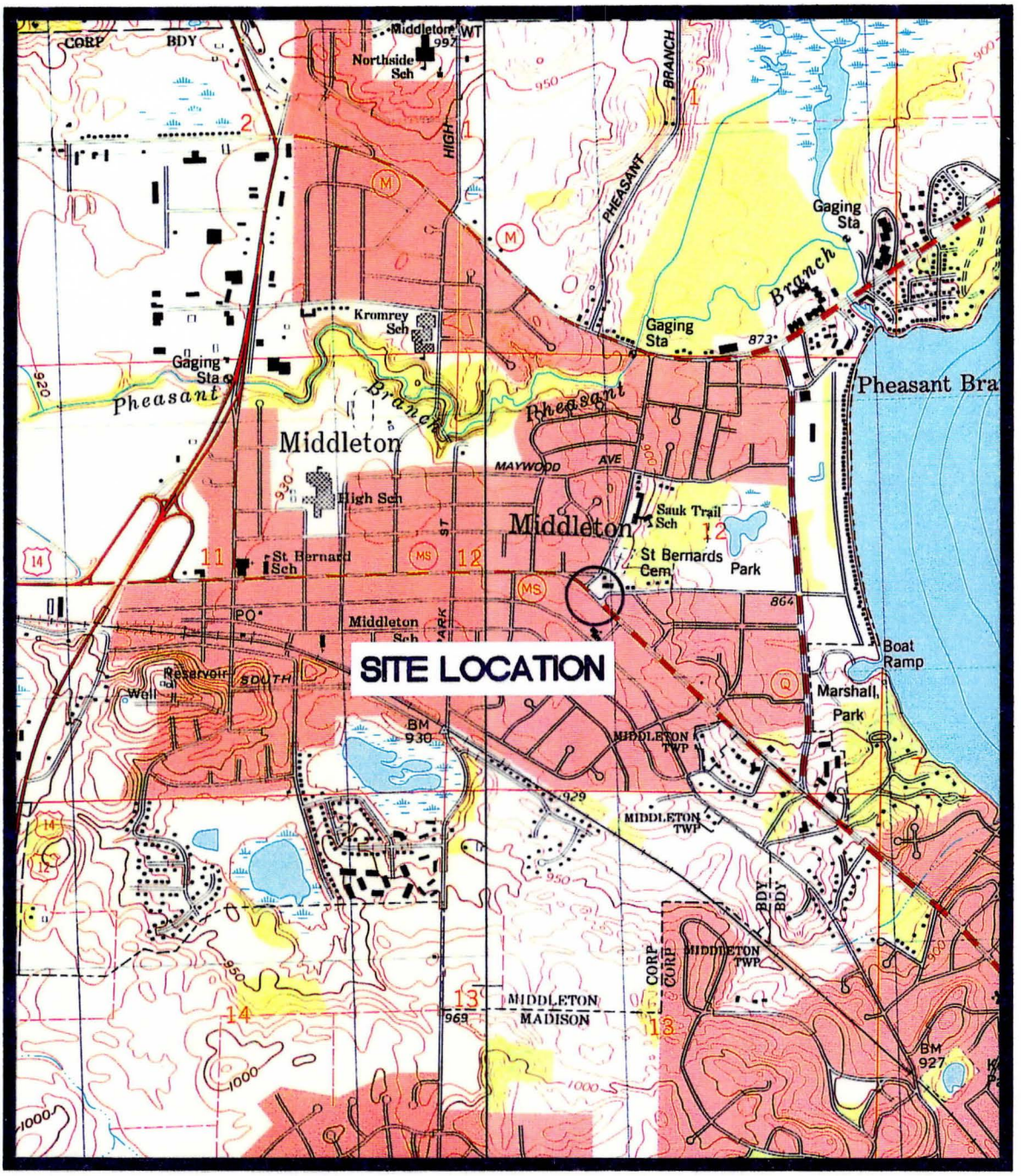
TABLE 3

SOIL SAMPLING RESULTS
MINERAL SPIRITS (STODDARD SOLVENT) BY THE
CALIFORNIA METHOD (mg/kg)

Boring ID	Depth (ft)						
	5	10	15	20	25	35	50
GP-9	--	--	--	<5.0	<5.0	--	--
GP-10	--	<5.0	--	90.1	<5.0	--	--
GP-11	--	<5.0	--	147	<5.0	--	<5.0
GP-12	--	--	--	--	<5.0	<5.0	--
GP-13	--	--	--	226	39,220	<5.0	--
GP-14	--	--	--	72.1	--	<5.0	--
GP-15	--	--	--	767	--	<5.0	--
GP-16	--	--	--	7.86	39.7	--	--

NOTE:

-- = Not sampled.



SCALE: 1 INCH = 2000 FEET

7.5 MIN TOPOGRAPHIC MAPS
MADISON WEST, WISCONSIN
MIDDLETON, WISCONSIN
1983

LOCATION MAP

HI-WAY DRY CLEANERS

MIDDLETON, WISCONSIN

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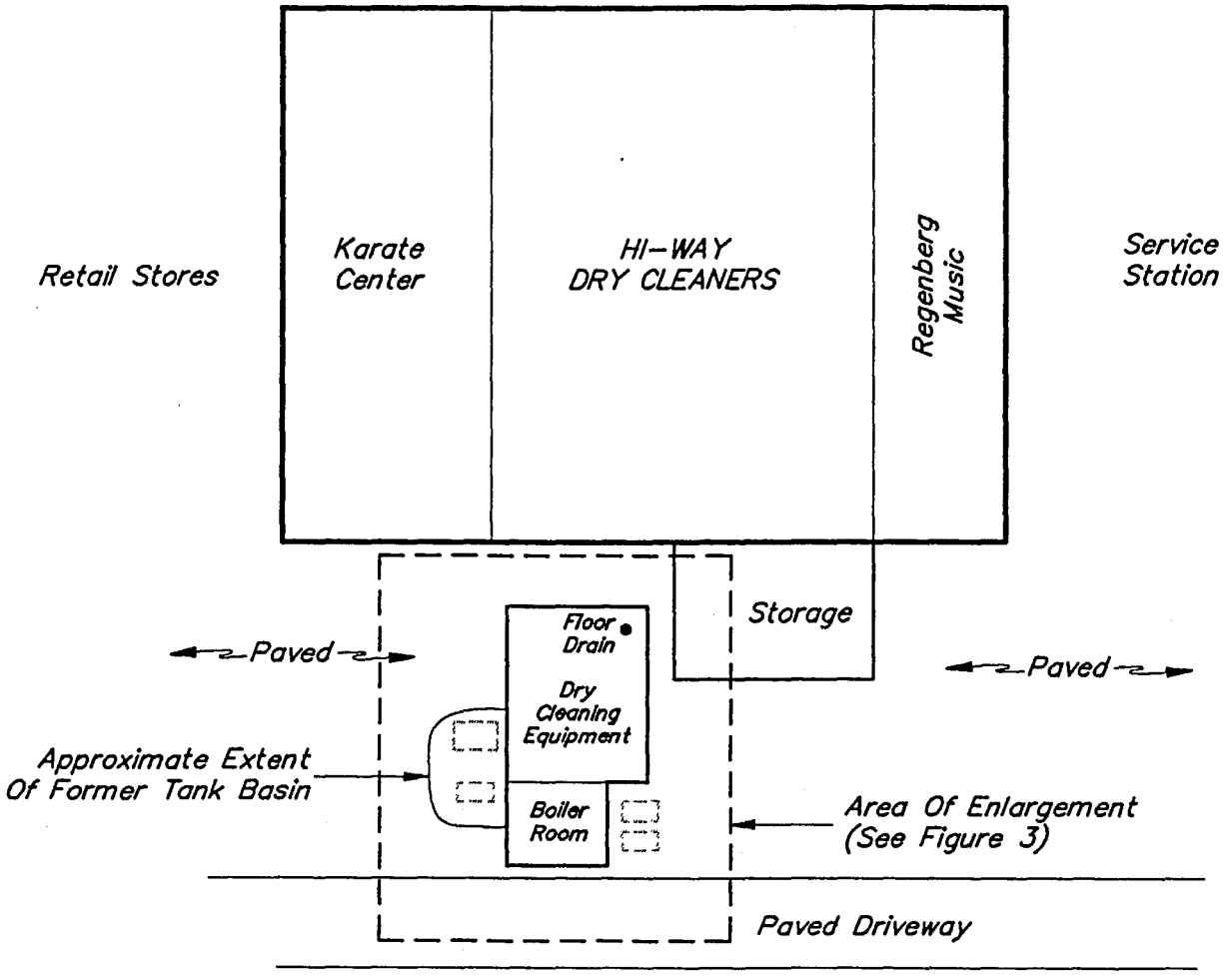
UNIVERSITY AVENUE



LEGEND

Former Location Of 300 And 500gal USTs

0 30

Scale In Feet

SITE PLAN

HI-WAY DRY CLEANERS
MIDDLETON, WISCONSIN

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SW15521A

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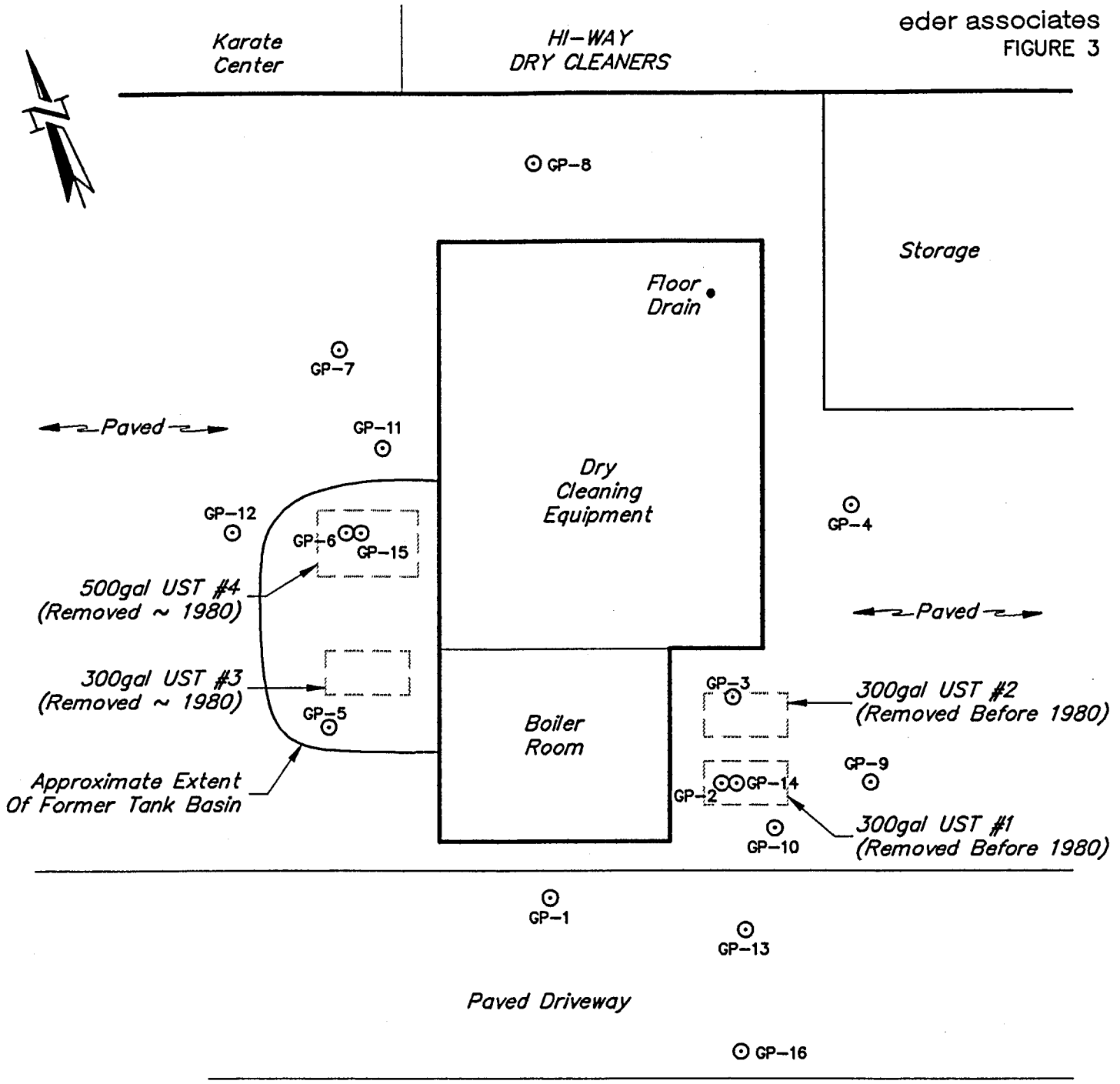
FIGURE 3



LEGEND

⊙ *Geoprobe Sampling Location (1/23/96 & 2/21/96)*

0 10

Scale In Feet

GEOPROBE SAMPLING LOCATIONS

HI-WAY DRY CLEANERS
MIDDLETON, WISCONSIN

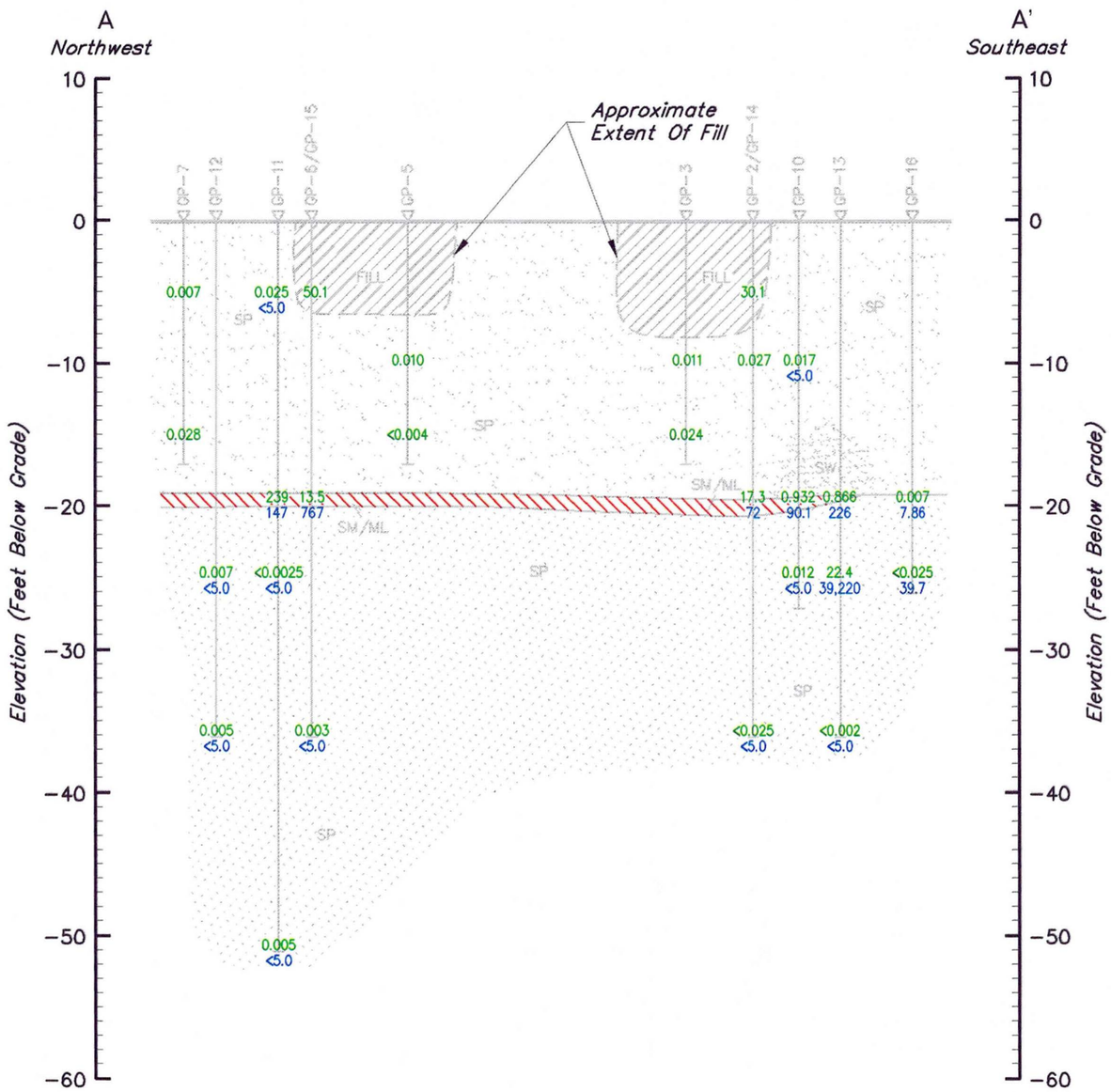
040296
SW15521B

LEGEND

Geologic Units

- *Fine Silty Sand And Silt (SM/ML)*
- *Fine Sand (SP)*
- *Fill (Sand, Gravel, And Clay)*
- *Fine–Medium Sand (SP) Grading To Fine–Coarse Sand With Gravel In Some Borings (SW)*
- *Geologic Contact (Dashed Where Inferred)*
- 147 *Mineral Spirits (Stoddard Solvent) Concentrations By California Method (mg/kg)*
- 239 *Tetrachloroethylene (PCE) Concentrations (mg/kg)*

SITE LAYOUT



Horizontal Scale: 1" = 10'
Vertical Scale: 1" = 10'
Vertical Exaggeration: 1x

CROSS SECTION A–A' WITH SOIL SAMPLING RESULTS

HY–WAY DRY CLEANERS
MIDDLETON, WISCONSIN

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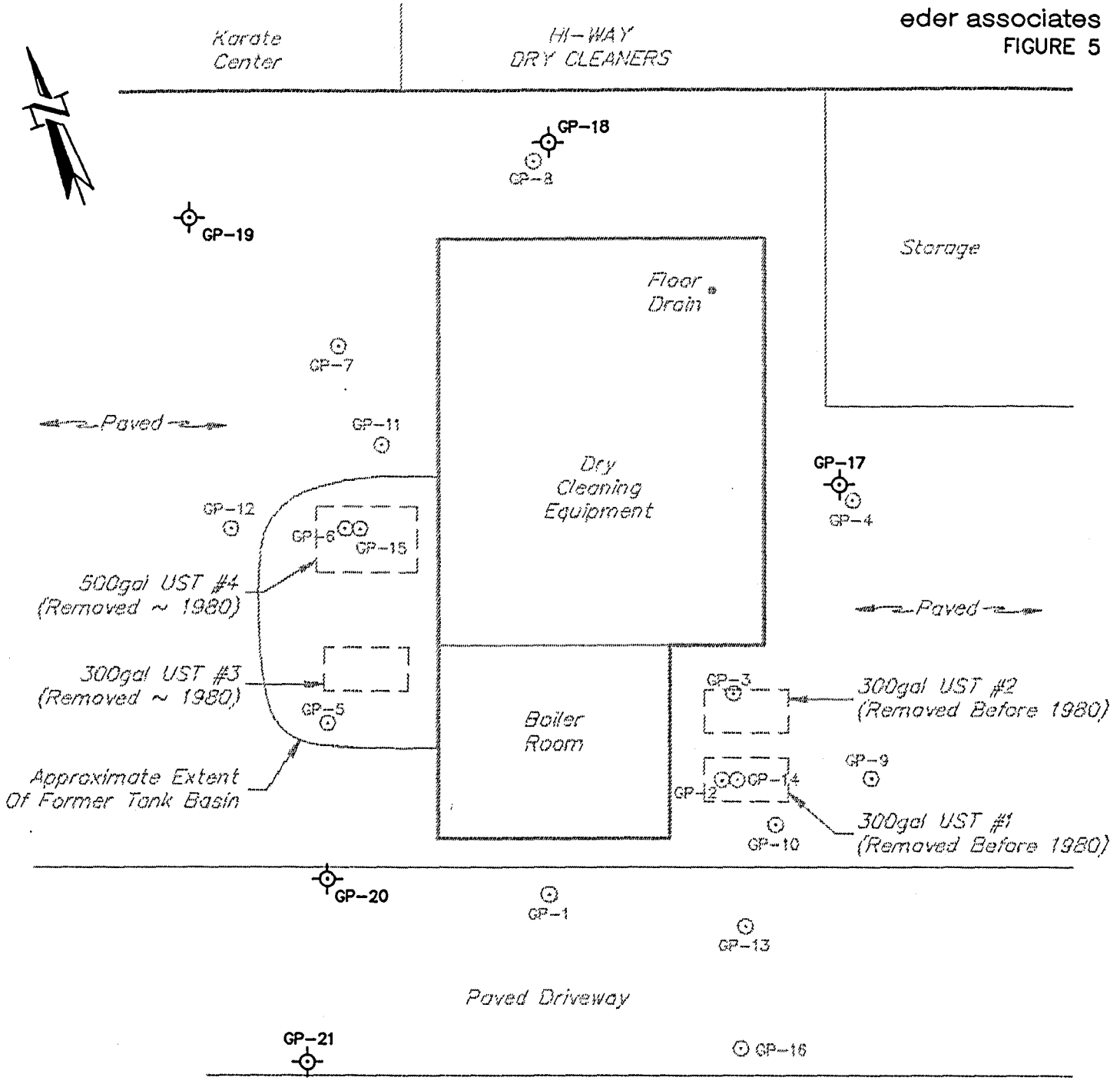
FIGURE 5



LEGEND

- Proposed Geoprobe Sampling Location
- Geoprobe Sampling Location (1/23/96 & 2/21/96)

0 10
Scale In Feet

PROPOSED GEOPROBE SAMPLING LOCATIONS

HI-WAY DRY CLEANERS

MIDDLETON, WISCONSIN

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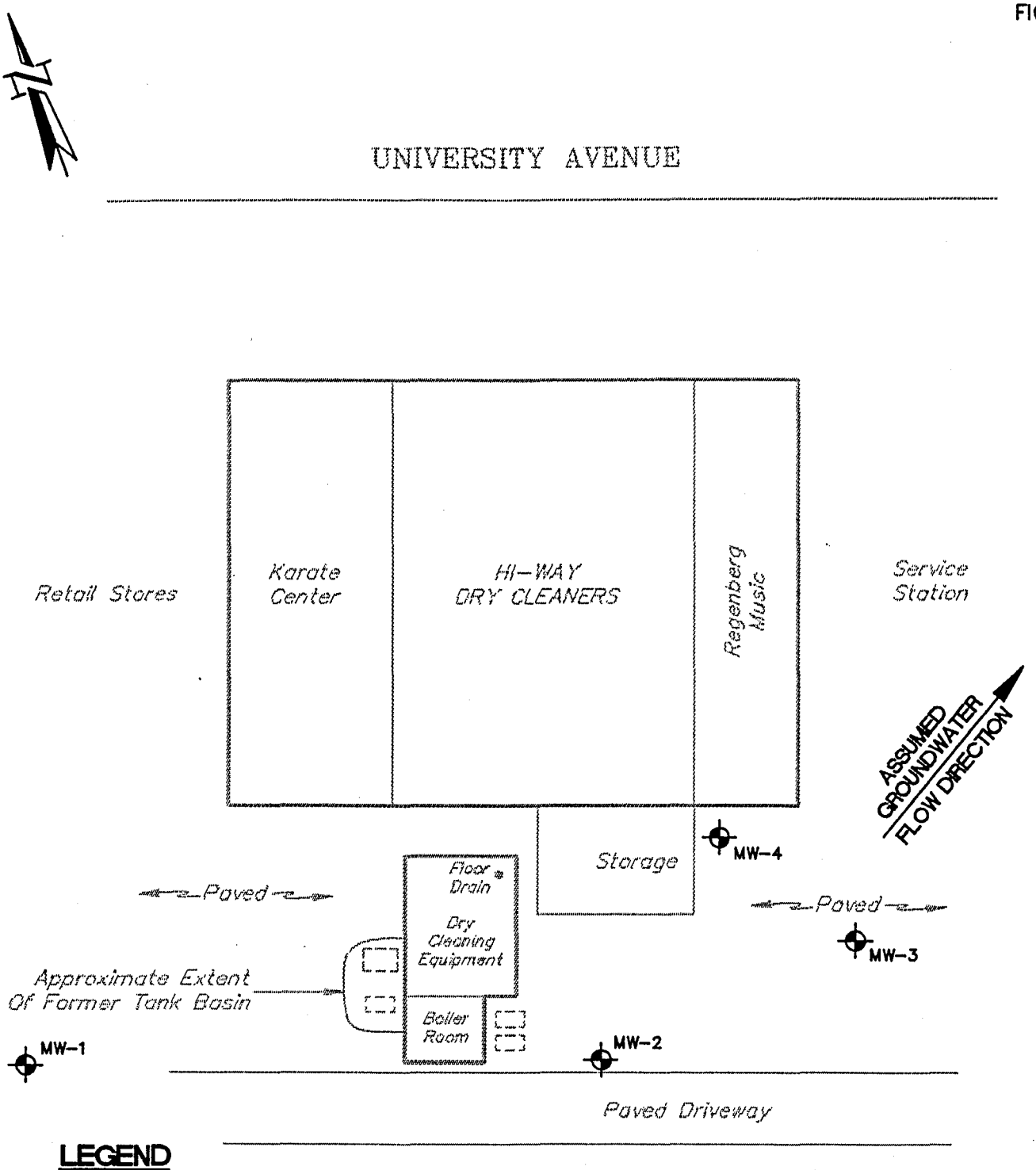
SW15521D



LEGEND

- Proposed Groundwater Monitoring Well Location
- Former Location Of 300 And 500gal USTs

0 30

Scale In Feet

PROPOSED GROUNDWATER MONITORING WELL LOCATIONS

HI-WAY DRY CLEANERS

MIDDLETON, WISCONSIN

040296
SW15521E

ATTACHMENT A

LABORATORY REPORTS AND THE CHAIN OF CUSTODY FOR THE SOIL SAMPLES

ENVIROSCAN

ENVIRONMENTAL AND
ANALYTICAL SERVICES

February 8, 1996

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

Attn: Dave Hart/ Aubrey Fowler

Re: 1552-1

Please find enclosed the analytical results for the samples received January 25, 1996.

All analyses were completed in accordance with appropriate EPA and Wisconsin methodologies. Methods and dates of analysis are included in the report tables.

The chain of custody document is enclosed. If you have any questions about the results, please call. Thank you for using Enviroscan Corp. for your analytical needs.

Sincerely,

Enviroscan Corp.

Laurie M. Pietrowski

Laurie M. Pietrowski
Analytical Chemist

303 West Military Road Rothschild, WI 54474 (715) 359-7226
An Affiliate of the Black Clawson Co.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP1-10 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	97.85		01/26/96
EPA 8021					
Benzene	mg/kg	0.0009	X		01/26/96
Bromobenzene	mg/kg	0.0024	X		01/26/96
Bromodichloromethane	mg/kg	0.0024	X		01/26/96
n-Butylbenzene	mg/kg	0.0046	X		01/26/96
sec-Butylbenzene	mg/kg	0.0046	X		01/26/96
tert-Butylbenzene	mg/kg	0.0046	0.00470		01/26/96
Carbon Tetrachloride	mg/kg	0.0024	X		01/26/96
Chlorobenzene	mg/kg	0.009	X		01/26/96
Chlorodibromomethane	mg/kg	0.0024	X		01/26/96
Chloroethane	mg/kg	0.009	X		01/26/96
Chloroform	mg/kg	0.0024	X		01/26/96
Chloromethane	mg/kg	0.009	X	CSL	01/26/96
o-Chlorotoluene	mg/kg	0.0046	X		01/26/96
p-Chlorotoluene	mg/kg	0.0046	X		01/26/96
1,2-Dibromo-3-chloropropane	mg/kg	0.061	X		01/26/96
1,2-Dibromoethane	mg/kg	0.0046	X		01/26/96
1,2-Dichlorobenzene	mg/kg	0.0046	X		01/26/96
1,3-Dichlorobenzene	mg/kg	0.0046	X		01/26/96
1,4-Dichlorobenzene	mg/kg	0.0024	X	CSH	01/26/96
Dichlorodifluoromethane	mg/kg	0.009	X	CSL	01/26/96
1,1-Dichloroethane	mg/kg	0.0024	X		01/26/96
1,2-Dichloroethane	mg/kg	0.0024	X		01/26/96
1,1-Dichloroethylene	mg/kg	0.0018	X		01/26/96
cis-1,2-Dichloroethylene	mg/kg	0.0024	X		01/26/96
trans-1,2-Dichloroethylene	mg/kg	0.0024	X		01/26/96
1,2-Dichloropropane	mg/kg	0.0024	X		01/26/96
1,3-Dichloropropane	mg/kg	0.0024	X		01/26/96
2,2-Dichloropropane	mg/kg	0.009	X		01/26/96
Ethylbenzene	mg/kg	0.0046	X		01/26/96
Hexachlorobutadiene	mg/kg	0.0046	X		01/26/96
Isopropylbenzene	mg/kg	0.0046	X	CSH	01/26/96
Isopropyl Ether	mg/kg	0.0046	X		01/26/96
p-Isopropyltoluene	mg/kg	0.0046	X		01/26/96
Methyl tert Butyl Ether	mg/kg	0.009	X		01/26/96
Methylene Chloride	mg/kg	0.011	X		01/26/96
Naphthalene	mg/kg	0.0046	X		01/26/96
n-Propylbenzene	mg/kg	0.0046	X		01/26/96
Tetrachloroethylene	mg/kg	0.0024	0.00531		01/26/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0046	X		01/26/96
Toluene	mg/kg	0.009	X		01/26/96
1,2,3-Trichlorobenzene	mg/kg	0.0046	X		01/26/96
1,2,4-Trichlorobenzene	mg/kg	0.0046	X		01/26/96
Analytical No.:			59290		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP1-10 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.0024	X		01/26/96
1,1,2-Trichloroethane	mg/kg	0.0024	X		01/26/96
Trichloroethylene	mg/kg	0.0009	X		01/26/96
Trichlorofluoromethane	mg/kg	0.0046	X		01/26/96
1,2,4-Trimethylbenzene	mg/kg	0.0046	X		01/26/96
1,3,5-Trimethylbenzene	mg/kg	0.0046	X		01/26/96
Vinyl Chloride	mg/kg	0.0009	X		01/26/96
m- & p-Xylene	mg/kg	0.0046	X		01/26/96
o-Xylene & Styrene	mg/kg	0.0046	0.00531		01/26/96

Analytical No.: 59290

X = Analyzed but not detected.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP1-15 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	98.04		01/26/96
EPA 8021					
Benzene	mg/kg	0.0007	X		01/26/96
Bromobenzene	mg/kg	0.0018	X		01/26/96
Bromodichloromethane	mg/kg	0.0018	X		01/26/96
n-Butylbenzene	mg/kg	0.0036	X		01/26/96
sec-Butylbenzene	mg/kg	0.0036	X		01/26/96
tert-Butylbenzene	mg/kg	0.0036	X		01/26/96
Carbon Tetrachloride	mg/kg	0.0018	X		01/26/96
Chlorobenzene	mg/kg	0.0071	X		01/26/96
Chlorodibromomethane	mg/kg	0.0018	X		01/26/96
Chloroethane	mg/kg	0.0071	X		01/26/96
Chloroform	mg/kg	0.0018	X		01/26/96
Chloromethane	mg/kg	0.0071	X	CSL	01/26/96
o-Chlorotoluene	mg/kg	0.0036	X		01/26/96
p-Chlorotoluene	mg/kg	0.0036	X		01/26/96
1,2-Dibromo-3-chloropropane	mg/kg	0.048	X		01/26/96
1,2-Dibromoethane	mg/kg	0.0036	X		01/26/96
1,2-Dichlorobenzene	mg/kg	0.0036	X		01/26/96
1,3-Dichlorobenzene	mg/kg	0.0036	X		01/26/96
1,4-Dichlorobenzene	mg/kg	0.0018	X	CSH	01/26/96
Dichlorodifluoromethane	mg/kg	0.0071	X	CSL	01/26/96
1,1-Dichloroethane	mg/kg	0.0018	X		01/26/96
1,2-Dichloroethane	mg/kg	0.0018	X		01/26/96
1,1-Dichloroethylene	mg/kg	0.0014	X		01/26/96
cis-1,2-Dichloroethylene	mg/kg	0.0018	X		01/26/96
trans-1,2-Dichloroethylene	mg/kg	0.0018	X		01/26/96
1,2-Dichloropropane	mg/kg	0.0018	X		01/26/96
1,3-Dichloropropane	mg/kg	0.0018	X		01/26/96
2,2-Dichloropropane	mg/kg	0.0071	X		01/26/96
Ethylbenzene	mg/kg	0.0036	X		01/26/96
Hexachlorobutadiene	mg/kg	0.0036	X		01/26/96
Isopropylbenzene	mg/kg	0.0036	X	CSH	01/26/96
Isopropyl Ether	mg/kg	0.0036	X		01/26/96
p-Isopropyltoluene	mg/kg	0.0036	X		01/26/96
Methyl tert Butyl Ether	mg/kg	0.0071	X		01/26/96
Methylene Chloride	mg/kg	0.009	X		01/26/96
Naphthalene	mg/kg	0.0036	X		01/26/96
n-Propylbenzene	mg/kg	0.0036	X		01/26/96
Tetrachloroethylene	mg/kg	0.0018	0.0227		01/26/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0036	X		01/26/96
Toluene	mg/kg	0.0071	0.0118		01/26/96
1,2,3-Trichlorobenzene	mg/kg	0.0036	X		01/26/96
1,2,4-Trichlorobenzene	mg/kg	0.0036	X		01/26/96
Analytical No.:			59291		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP1-15 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.0018	X		01/26/96
1,1,2-Trichloroethane	mg/kg	0.0018	X		01/26/96
Trichloroethylene	mg/kg	0.0007	X		01/26/96
Trichlorofluoromethane	mg/kg	0.0036	X		01/26/96
1,2,4-Trimethylbenzene	mg/kg	0.0036	X		01/26/96
1,3,5-Trimethylbenzene	mg/kg	0.0036	X		01/26/96
Vinyl Chloride	mg/kg	0.0007	X		01/26/96
m- & p-Xylene	mg/kg	0.0036	X		01/26/96
o-Xylene & Styrene	mg/kg	0.0036	0.00734		01/26/96

Analytical No.: 59291

X = Analyzed but not detected.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP2-5 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	91.87		01/26/96
EPA 8021					
Benzene	mg/kg	0.11	X		01/30/96
Bromobenzene	mg/kg	0.11	X		01/30/96
Bromodichloromethane	mg/kg	0.11	X		01/30/96
n-Butylbenzene	mg/kg	0.11	X		01/30/96
sec-Butylbenzene	mg/kg	0.11	X		01/30/96
tert-Butylbenzene	mg/kg	0.11	X		01/30/96
Carbon Tetrachloride	mg/kg	0.11	X	SPL	01/30/96
Chlorobenzene	mg/kg	0.11	X		01/30/96
Chlorodibromomethane	mg/kg	0.11	X		01/30/96
Chloroethane	mg/kg	0.11	X	SPL	01/30/96
Chloroform	mg/kg	0.11	X		01/30/96
Chloromethane	mg/kg	0.11	0.174	CSH SPL DUP	01/30/96
o-Chlorotoluene	mg/kg	0.11	X		01/30/96
p-Chlorotoluene	mg/kg	0.11	X		01/30/96
1,2-Dibromo-3-chloropropane	mg/kg	0.11	X		01/30/96
1,2-Dibromoethane	mg/kg	0.11	X		01/30/96
1,2-Dichlorobenzene	mg/kg	0.11	X		01/30/96
1,3-Dichlorobenzene	mg/kg	0.11	X		01/30/96
1,4-Dichlorobenzene	mg/kg	0.11	X		01/30/96
Dichlorodifluoromethane	mg/kg	0.11	X	CSL SPL	01/30/96
1,1-Dichloroethane	mg/kg	0.11	X		01/30/96
1,2-Dichloroethane	mg/kg	0.11	X		01/30/96
1,1-Dichloroethylene	mg/kg	0.11	X		01/30/96
cis-1,2-Dichloroethylene	mg/kg	0.11	X		01/30/96
trans-1,2-Dichloroethylene	mg/kg	0.11	X	SPL	01/30/96
1,2-Dichloropropane	mg/kg	0.11	X		01/30/96
1,3-Dichloropropane	mg/kg	0.11	X		01/30/96
2,2-Dichloropropane	mg/kg	0.11	X		01/30/96
Ethylbenzene	mg/kg	0.11	X		01/30/96
Hexachlorobutadiene	mg/kg	0.11	X		01/30/96
Isopropylbenzene	mg/kg	0.11	X		01/30/96
Isopropyl Ether	mg/kg	0.11	X		01/30/96
p-Isopropyltoluene	mg/kg	0.11	X		01/30/96
Methyl tert Butyl Ether	mg/kg	0.11	X	CSL SPL DUP	01/30/96
Methylene Chloride	mg/kg	0.11	X		01/30/96
Naphthalene	mg/kg	0.11	X		01/30/96
n-Propylbenzene	mg/kg	0.11	X		01/30/96
Tetrachloroethylene	mg/kg	0.11	5.66		01/30/96
1,1,2,2-Tetrachloroethane	mg/kg	0.11	X		01/30/96
Toluene	mg/kg	0.11	X		01/30/96
1,2,3-Trichlorobenzene	mg/kg	0.11	X		01/30/96
1,2,4-Trichlorobenzene	mg/kg	0.11	X		01/30/96
Analytical No.:			59292		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP2-5 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.11	X	SPL DUP	01/30/96
1,1,2-Trichloroethane	mg/kg	0.11	X		01/30/96
Trichloroethylene	mg/kg	0.11	X		01/30/96
Trichlorofluoromethane	mg/kg	0.11	X	SPL	01/30/96
1,2,4-Trimethylbenzene	mg/kg	0.11	X		01/30/96
1,3,5-Trimethylbenzene	mg/kg	0.11	X		01/30/96
Vinyl Chloride	mg/kg	0.11	X	SPL	01/30/96
m- & p-Xylene	mg/kg	0.11	X		01/30/96
o-Xylene & Styrene	mg/kg	0.11	0.152	CSL MB	01/30/96

Analytical No.: 59292

X = Analyzed but not detected.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP2-15 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	98.84		01/30/96
EPA 8021					
Benzene	mg/kg	0.0007	X	SPL DUP	01/29/96
Bromobenzene	mg/kg	0.0018	X		01/29/96
Bromodichloromethane	mg/kg	0.0018	X	SPH	01/29/96
n-Butylbenzene	mg/kg	0.0036	X		01/29/96
sec-Butylbenzene	mg/kg	0.0036	X		01/29/96
tert-Butylbenzene	mg/kg	0.0036	X		01/29/96
Carbon Tetrachloride	mg/kg	0.0018	X		01/29/96
Chlorobenzene	mg/kg	0.0073	X	DUP	01/29/96
Chlorodibromomethane	mg/kg	0.0018	X	SPH DUP	01/29/96
Chloroethane	mg/kg	0.0073	X		01/29/96
Chloroform	mg/kg	0.0018	X		01/29/96
Chloromethane	mg/kg	0.0073	X	CSL	01/29/96
o-Chlorotoluene	mg/kg	0.0036	X	SPH	01/29/96
p-Chlorotoluene	mg/kg	0.0036	X	SPH DUP	01/29/96
1,2-Dibromo-3-chloropropane	mg/kg	0.049	X		01/29/96
1,2-Dibromoethane	mg/kg	0.0036	X	SPH DUP	01/29/96
1,2-Dichlorobenzene	mg/kg	0.0036	X	SPH DUP	01/29/96
1,3-Dichlorobenzene	mg/kg	0.0036	X	SPH DUP	01/29/96
1,4-Dichlorobenzene	mg/kg	0.0018	X	SPH	01/29/96
Dichlorodifluoromethane	mg/kg	0.0073	X	CSL	01/29/96
1,1-Dichloroethane	mg/kg	0.0018	X		01/29/96
1,2-Dichloroethane	mg/kg	0.0018	X		01/29/96
1,1-Dichloroethylene	mg/kg	0.0014	X		01/29/96
cis-1,2-Dichloroethylene	mg/kg	0.0018	X		01/29/96
trans-1,2-Dichloroethylene	mg/kg	0.0018	X		01/29/96
1,2-Dichloropropane	mg/kg	0.0018	X		01/29/96
1,3-Dichloropropane	mg/kg	0.0018	X	SPL DUP	01/29/96
2,2-Dichloropropane	mg/kg	0.0073	X		01/29/96
Ethylbenzene	mg/kg	0.0036	X		01/29/96
Hexachlorobutadiene	mg/kg	0.0036	X		01/29/96
Isopropylbenzene	mg/kg	0.0036	X		01/29/96
Isopropyl Ether	mg/kg	0.0036	X	SPL DUP	01/29/96
p-Isopropyltoluene	mg/kg	0.0036	X		01/29/96
Methyl tert Butyl Ether	mg/kg	0.0073	X	SPL DUP	01/29/96
Methylene Chloride	mg/kg	0.009	X		01/29/96
Naphthalene	mg/kg	0.0036	X		01/29/96
n-Propylbenzene	mg/kg	0.0036	X		01/29/96
Tetrachloroethylene	mg/kg	0.0018	0.0245	SPH	01/29/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0036	X	SPL	01/29/96
Toluene	mg/kg	0.0073	X	DUP	01/29/96
1,2,3-Trichlorobenzene	mg/kg	0.0036	X	SPH DUP	01/29/96
1,2,4-Trichlorobenzene	mg/kg	0.0036	X	SPH DUP	01/29/96
Analytical No.:			59293		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP2-15 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.0018	X		01/29/96
1,1,2-Trichloroethane	mg/kg	0.0018	X		01/29/96
Trichloroethylene	mg/kg	0.0007	X	SPH	01/29/96
Trichlorofluoromethane	mg/kg	0.0036	X		01/29/96
1,2,4-Trimethylbenzene	mg/kg	0.0036	X		01/29/96
1,3,5-Trimethylbenzene	mg/kg	0.0036	X		01/29/96
Vinyl Chloride	mg/kg	0.0007	X		01/29/96
m- & p-Xylene	mg/kg	0.0036	X		01/29/96
o-Xylene & Styrene	mg/kg	0.0036	X		01/29/96

Analytical No.: 59293

X = Analyzed but not detected.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP3-10 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	99.19		01/30/96
EPA 8021					
Benzene	mg/kg	0.0007	X	SPL DUP	01/29/96
Bromobenzene	mg/kg	0.0017	X		01/29/96
Bromodichloromethane	mg/kg	0.0017	X	SPH	01/29/96
n-Butylbenzene	mg/kg	0.0034	X		01/29/96
sec-Butylbenzene	mg/kg	0.0034	X		01/29/96
tert-Butylbenzene	mg/kg	0.0034	X		01/29/96
Carbon Tetrachloride	mg/kg	0.0017	X		01/29/96
Chlorobenzene	mg/kg	0.0069	X	DUP	01/29/96
Chlorodibromomethane	mg/kg	0.0017	X	SPH DUP	01/29/96
Chloroethane	mg/kg	0.0069	X		01/29/96
Chloroform	mg/kg	0.0017	X		01/29/96
Chloromethane	mg/kg	0.0069	X	CSL	01/29/96
o-Chlorotoluene	mg/kg	0.0034	X	SPH	01/29/96
p-Chlorotoluene	mg/kg	0.0034	X	SPH DUP	01/29/96
1,2-Dibromo-3-chloropropane	mg/kg	0.045	X		01/29/96
1,2-Dibromoethane	mg/kg	0.0034	X	SPH DUP	01/29/96
1,2-Dichlorobenzene	mg/kg	0.0034	X	SPH DUP	01/29/96
1,3-Dichlorobenzene	mg/kg	0.0034	X	SPH DUP	01/29/96
1,4-Dichlorobenzene	mg/kg	0.0017	X	SPH	01/29/96
Dichlorodifluoromethane	mg/kg	0.0069	X	CSL	01/29/96
1,1-Dichloroethane	mg/kg	0.0017	X		01/29/96
1,2-Dichloroethane	mg/kg	0.0017	X		01/29/96
1,1-Dichloroethylene	mg/kg	0.0014	X		01/29/96
cis-1,2-Dichloroethylene	mg/kg	0.0017	X		01/29/96
trans-1,2-Dichloroethylene	mg/kg	0.0017	X		01/29/96
1,2-Dichloropropane	mg/kg	0.0017	X		01/29/96
1,3-Dichloropropane	mg/kg	0.0017	X	SPL DUP	01/29/96
2,2-Dichloropropane	mg/kg	0.0069	X		01/29/96
Ethylbenzene	mg/kg	0.0034	X		01/29/96
Hexachlorobutadiene	mg/kg	0.0034	X		01/29/96
Isopropylbenzene	mg/kg	0.0034	X		01/29/96
Isopropyl Ether	mg/kg	0.0034	X	SPL DUP	01/29/96
p-Isopropyltoluene	mg/kg	0.0034	X		01/29/96
Methyl tert Butyl Ether	mg/kg	0.0069	X	SPL DUP	01/29/96
Methylene Chloride	mg/kg	0.0086	X		01/29/96
Naphthalene	mg/kg	0.0034	X		01/29/96
n-Propylbenzene	mg/kg	0.0034	X		01/29/96
Tetrachloroethylene	mg/kg	0.0017	0.0105	SPH	01/29/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0034	X	SPL	01/29/96
Toluene	mg/kg	0.0069	X	DUP	01/29/96
1,2,3-Trichlorobenzene	mg/kg	0.0034	X	SPH DUP	01/29/96
1,2,4-Trichlorobenzene	mg/kg	0.0034	X	SPH DUP	01/29/96
Analytical No.:			59294		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP3-10 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.0017	X		01/29/96
1,1,2-Trichloroethane	mg/kg	0.0017	X		01/29/96
Trichloroethylene	mg/kg	0.0007	X	SPH	01/29/96
Trichlorofluoromethane	mg/kg	0.0034	X		01/29/96
1,2,4-Trimethylbenzene	mg/kg	0.0034	X		01/29/96
1,3,5-Trimethylbenzene	mg/kg	0.0034	X		01/29/96
Vinyl Chloride	mg/kg	0.0007	X		01/29/96
m- & p-Xylene	mg/kg	0.0034	X		01/29/96
o-Xylene & Styrene	mg/kg	0.0034	X		01/29/96

Analytical No.: 59294

X = Analyzed but not detected.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP3-15 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	98.51		01/30/96
EPA 8021					
Benzene	mg/kg	0.0007	X	SPL DUP	01/29/96
Bromobenzene	mg/kg	0.0018	X		01/29/96
Bromodichloromethane	mg/kg	0.0018	X	SPH	01/29/96
n-Butylbenzene	mg/kg	0.0036	X		01/29/96
sec-Butylbenzene	mg/kg	0.0036	X		01/29/96
tert-Butylbenzene	mg/kg	0.0036	X		01/29/96
Carbon Tetrachloride	mg/kg	0.0018	X		01/29/96
Chlorobenzene	mg/kg	0.0071	X	DUP	01/29/96
Chlorodibromomethane	mg/kg	0.0018	X	SPH DUP	01/29/96
Chloroethane	mg/kg	0.0071	X		01/29/96
Chloroform	mg/kg	0.0018	X		01/29/96
Chloromethane	mg/kg	0.0071	X	CSL	01/29/96
o-Chlorotoluene	mg/kg	0.0036	X	SPH	01/29/96
p-Chlorotoluene	mg/kg	0.0036	X	SPH DUP	01/29/96
1,2-Dibromo-3-chloropropane	mg/kg	0.048	X		01/29/96
1,2-Dibromoethane	mg/kg	0.0036	X	SPH DUP	01/29/96
1,2-Dichlorobenzene	mg/kg	0.0036	X	SPH DUP	01/29/96
1,3-Dichlorobenzene	mg/kg	0.0036	X	SPH DUP	01/29/96
1,4-Dichlorobenzene	mg/kg	0.0018	X	SPH	01/29/96
Dichlorodifluoromethane	mg/kg	0.0071	X	CSL	01/29/96
1,1-Dichloroethane	mg/kg	0.0018	X		01/29/96
1,2-Dichloroethane	mg/kg	0.0018	X		01/29/96
1,1-Dichloroethylene	mg/kg	0.0014	X		01/29/96
cis-1,2-Dichloroethylene	mg/kg	0.0018	X		01/29/96
trans-1,2-Dichloroethylene	mg/kg	0.0018	X		01/29/96
1,2-Dichloropropane	mg/kg	0.0018	X		01/29/96
1,3-Dichloropropane	mg/kg	0.0018	X	SPL DUP	01/29/96
2,2-Dichloropropane	mg/kg	0.0071	X		01/29/96
Ethylbenzene	mg/kg	0.0036	X		01/29/96
Hexachlorobutadiene	mg/kg	0.0036	X		01/29/96
Isopropylbenzene	mg/kg	0.0036	X		01/29/96
Isopropyl Ether	mg/kg	0.0036	X	SPL DUP	01/29/96
p-Isopropyltoluene	mg/kg	0.0036	X		01/29/96
Methyl tert Butyl Ether	mg/kg	0.0071	X	SPL DUP	01/29/96
Methylene Chloride	mg/kg	0.0089	X		01/29/96
Naphthalene	mg/kg	0.0036	X		01/29/96
n-Propylbenzene	mg/kg	0.0036	X		01/29/96
Tetrachloroethylene	mg/kg	0.0018	0.0239	SPH	01/29/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0036	X	SPL	01/29/96
Toluene	mg/kg	0.0071	X	DUP	01/29/96
1,2,3-Trichlorobenzene	mg/kg	0.0036	X	SPH DUP	01/29/96
1,2,4-Trichlorobenzene	mg/kg	0.0036	X	SPH DUP	01/29/96
Analytical No.:			59295		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

ll analyses conducted in accordance with Enviroscan Quality Assurance Program.

ANALYTICAL REPORT

ENVIROSCAN

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP3-15 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.0018	X		01/29/96
1,1,2-Trichloroethane	mg/kg	0.0018	X		01/29/96
Trichloroethylene	mg/kg	0.0007	X	SPH	01/29/96
Trichlorofluoromethane	mg/kg	0.0036	X		01/29/96
1,2,4-Trimethylbenzene	mg/kg	0.0036	X		01/29/96
1,3,5-Trimethylbenzene	mg/kg	0.0036	X		01/29/96
Vinyl Chloride	mg/kg	0.0007	X		01/29/96
m- & p-Xylene	mg/kg	0.0036	X		01/29/96
o-Xylene & Styrene	mg/kg	0.0036	X		01/29/96

Analytical No.: 59295

X = Analyzed but not detected.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP4-9 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	96.48		01/30/96
EPA 8021					
Benzene	mg/kg	0.0007	X	SPL DUP	01/29/96
Bromobenzene	mg/kg	0.0018	X		01/29/96
Bromodichloromethane	mg/kg	0.0018	X	SPH	01/29/96
n-Butylbenzene	mg/kg	0.0035	X		01/29/96
sec-Butylbenzene	mg/kg	0.0035	X		01/29/96
tert-Butylbenzene	mg/kg	0.0035	X		01/29/96
Carbon Tetrachloride	mg/kg	0.0018	X		01/29/96
Chlorobenzene	mg/kg	0.007	X	DUP	01/29/96
Chlorodibromomethane	mg/kg	0.0018	X	SPH DUP	01/29/96
Chloroethane	mg/kg	0.007	X		01/29/96
Chloroform	mg/kg	0.0018	X		01/29/96
Chloromethane	mg/kg	0.007	X	CSL	01/29/96
o-Chlorotoluene	mg/kg	0.0035	X	SPH	01/29/96
p-Chlorotoluene	mg/kg	0.0035	X	SPH DUP	01/29/96
1,2-Dibromo-3-chloropropane	mg/kg	0.047	X		01/29/96
1,2-Dibromoethane	mg/kg	0.0035	X	SPH DUP	01/29/96
1,2-Dichlorobenzene	mg/kg	0.0035	X	SPH DUP	01/29/96
1,3-Dichlorobenzene	mg/kg	0.0035	X	SPH DUP	01/29/96
1,4-Dichlorobenzene	mg/kg	0.0018	X	SPH	01/29/96
Dichlorodifluoromethane	mg/kg	0.007	X	CSL	01/29/96
1,1-Dichloroethane	mg/kg	0.0018	X		01/29/96
1,2-Dichloroethane	mg/kg	0.0018	X		01/29/96
1,1-Dichloroethylene	mg/kg	0.0015	X		01/29/96
cis-1,2-Dichloroethylene	mg/kg	0.0018	X		01/29/96
trans-1,2-Dichloroethylene	mg/kg	0.0018	X		01/29/96
1,2-Dichloropropane	mg/kg	0.0018	X		01/29/96
1,3-Dichloropropane	mg/kg	0.0018	X	SPL DUP	01/29/96
2,2-Dichloropropane	mg/kg	0.007	X		01/29/96
Ethylbenzene	mg/kg	0.0035	X		01/29/96
Hexachlorobutadiene	mg/kg	0.0035	X		01/29/96
Isopropylbenzene	mg/kg	0.0035	X		01/29/96
Isopropyl Ether	mg/kg	0.0035	X	SPL DUP	01/29/96
p-Isopropyltoluene	mg/kg	0.0035	X		01/29/96
Methyl tert Butyl Ether	mg/kg	0.007	X	SPL DUP	01/29/96
Methylene Chloride	mg/kg	0.0088	X		01/29/96
Naphthalene	mg/kg	0.0035	X		01/29/96
n-Propylbenzene	mg/kg	0.0035	X		01/29/96
Tetrachloroethylene	mg/kg	0.0018	0.0145	SPH	01/29/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0035	X	SPL	01/29/96
Toluene	mg/kg	0.007	X	DUP	01/29/96
1,2,3-Trichlorobenzene	mg/kg	0.0035	X	SPH DUP	01/29/96
1,2,4-Trichlorobenzene	mg/kg	0.0035	X	SPH DUP	01/29/96
Analytical No.:			59296		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

All analyses conducted in accordance with Enviroscan Quality Assurance Program.

ANALYTICAL REPORT

ENVIROSCAN

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP4-9 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.0018	X		01/29/96
1,1,2-Trichloroethane	mg/kg	0.0018	X		01/29/96
Trichloroethylene	mg/kg	0.0007	X	SPH	01/29/96
Trichlorofluoromethane	mg/kg	0.0035	X		01/29/96
1,2,4-Trimethylbenzene	mg/kg	0.0035	X		01/29/96
1,3,5-Trimethylbenzene	mg/kg	0.0035	X		01/29/96
Vinyl Chloride	mg/kg	0.0007	X		01/29/96
m- & p-Xylene	mg/kg	0.0035	X		01/29/96
o-Xylene & Styrene	mg/kg	0.0035	X		01/29/96

Analytical No.: 59296

X = Analyzed but not detected.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP4-13 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	95.07		01/30/96
EPA 8021					
Benzene	mg/kg	0.0007	X	SPL DUP	01/29/96
Bromobenzene	mg/kg	0.002	X		01/29/96
Bromodichloromethane	mg/kg	0.002	X	SPH	01/29/96
n-Butylbenzene	mg/kg	0.0039	X		01/29/96
sec-Butylbenzene	mg/kg	0.0039	X		01/29/96
tert-Butylbenzene	mg/kg	0.0039	X		01/29/96
Carbon Tetrachloride	mg/kg	0.002	X		01/29/96
Chlorobenzene	mg/kg	0.0078	X	DUP	01/29/96
Chlorodibromomethane	mg/kg	0.002	X	SPH DUP	01/29/96
Chloroethane	mg/kg	0.0078	X		01/29/96
Chloroform	mg/kg	0.002	X		01/29/96
Chloromethane	mg/kg	0.0078	X	CSL	01/29/96
o-Chlorotoluene	mg/kg	0.0039	X	SPH	01/29/96
p-Chlorotoluene	mg/kg	0.0039	X	SPH DUP	01/29/96
1,2-Dibromo-3-chloropropane	mg/kg	0.052	X		01/29/96
1,2-Dibromoethane	mg/kg	0.0039	X	SPH DUP	01/29/96
1,2-Dichlorobenzene	mg/kg	0.0039	X	SPH DUP	01/29/96
1,3-Dichlorobenzene	mg/kg	0.0039	X	SPH DUP	01/29/96
1,4-Dichlorobenzene	mg/kg	0.002	X	SPH	01/29/96
Dichlorodifluoromethane	mg/kg	0.0078	X	CSL	01/29/96
1,1-Dichloroethane	mg/kg	0.002	X		01/29/96
1,2-Dichloroethane	mg/kg	0.002	X		01/29/96
1,1-Dichloroethylene	mg/kg	0.0016	X		01/29/96
cis-1,2-Dichloroethylene	mg/kg	0.002	X		01/29/96
trans-1,2-Dichloroethylene	mg/kg	0.002	X		01/29/96
1,2-Dichloropropane	mg/kg	0.002	X		01/29/96
1,3-Dichloropropane	mg/kg	0.002	X	SPL DUP	01/29/96
2,2-Dichloropropane	mg/kg	0.0078	X		01/29/96
Ethylbenzene	mg/kg	0.0039	X		01/29/96
Hexachlorobutadiene	mg/kg	0.0039	X		01/29/96
Isopropylbenzene	mg/kg	0.0039	X		01/29/96
Isopropyl Ether	mg/kg	0.0039	X	SPL DUP	01/29/96
p-Isopropyltoluene	mg/kg	0.0039	X		01/29/96
Methyl tert Butyl Ether	mg/kg	0.0078	X	SPL DUP	01/29/96
Methylene Chloride	mg/kg	0.009	X		01/29/96
Naphthalene	mg/kg	0.0039	X		01/29/96
n-Propylbenzene	mg/kg	0.0039	X		01/29/96
Tetrachloroethylene	mg/kg	0.0020	0.0398	SPH	01/29/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0039	X	SPL	01/29/96
Toluene	mg/kg	0.0078	X	DUP	01/29/96
1,2,3-Trichlorobenzene	mg/kg	0.0039	X	SPH DUP	01/29/96
1,2,4-Trichlorobenzene	mg/kg	0.0039	X	SPH DUP	01/29/96
Analytical No.:			59297		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

ANALYTICAL REPORT

ENVIROSCAN

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP4-13 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.002	X		01/29/96
1,1,2-Trichloroethane	mg/kg	0.002	X		01/29/96
Trichloroethylene	mg/kg	0.0007	X	SPH	01/29/96
Trichlorofluoromethane	mg/kg	0.0039	X		01/29/96
1,2,4-Trimethylbenzene	mg/kg	0.0039	X		01/29/96
1,3,5-Trimethylbenzene	mg/kg	0.0039	X		01/29/96
Vinyl Chloride	mg/kg	0.0007	X		01/29/96
m- & p-Xylene	mg/kg	0.0039	X		01/29/96
o-Xylene & Styrene	mg/kg	0.0039	X		01/29/96

Analytical No.: 59297

X = Analyzed but not detected.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP5-10 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	96.44		01/30/96
EPA 8021					
Benzene	mg/kg	0.0008	X	SPL DUP	01/29/96
Bromobenzene	mg/kg	0.0022	X		01/29/96
Bromodichloromethane	mg/kg	0.0022	X	SPH	01/29/96
n-Butylbenzene	mg/kg	0.0044	X		01/29/96
sec-Butylbenzene	mg/kg	0.0044	X		01/29/96
tert-Butylbenzene	mg/kg	0.0044	X		01/29/96
Carbon Tetrachloride	mg/kg	0.0022	X		01/29/96
Chlorobenzene	mg/kg	0.0087	X	DUP	01/29/96
Chlorodibromomethane	mg/kg	0.0022	X	SPH DUP	01/29/96
Chloroethane	mg/kg	0.0087	X		01/29/96
Chloroform	mg/kg	0.0022	X		01/29/96
Chloromethane	mg/kg	0.0087	X	CSL	01/29/96
o-Chlorotoluene	mg/kg	0.0044	X	SPH	01/29/96
p-Chlorotoluene	mg/kg	0.0044	X	SPH DUP	01/29/96
1,2-Dibromo-3-chloropropane	mg/kg	0.058	X		01/29/96
1,2-Dibromoethane	mg/kg	0.0044	X	SPH DUP	01/29/96
1,2-Dichlorobenzene	mg/kg	0.0044	X	SPH DUP	01/29/96
1,3-Dichlorobenzene	mg/kg	0.0044	X	SPH DUP	01/29/96
1,4-Dichlorobenzene	mg/kg	0.0022	X	SPH	01/29/96
Dichlorodifluoromethane	mg/kg	0.0087	X	CSL	01/29/96
1,1-Dichloroethane	mg/kg	0.0022	X		01/29/96
1,2-Dichloroethane	mg/kg	0.0022	X		01/29/96
1,1-Dichloroethylene	mg/kg	0.0018	X		01/29/96
cis-1,2-Dichloroethylene	mg/kg	0.0022	X		01/29/96
trans-1,2-Dichloroethylene	mg/kg	0.0022	X		01/29/96
1,2-Dichloropropane	mg/kg	0.0022	X		01/29/96
1,3-Dichloropropane	mg/kg	0.0022	X	SPL DUP	01/29/96
2,2-Dichloropropane	mg/kg	0.0087	X		01/29/96
Ethylbenzene	mg/kg	0.0044	X		01/29/96
Hexachlorobutadiene	mg/kg	0.0044	X		01/29/96
Isopropylbenzene	mg/kg	0.0044	X		01/29/96
Isopropyl Ether	mg/kg	0.0044	X	SPL DUP	01/29/96
p-Isopropyltoluene	mg/kg	0.0044	X		01/29/96
Methyl tert Butyl Ether	mg/kg	0.0087	X	SPL DUP	01/29/96
Methylene Chloride	mg/kg	0.011	X		01/29/96
Naphthalene	mg/kg	0.0044	X		01/29/96
n-Propylbenzene	mg/kg	0.0044	X		01/29/96
Tetrachloroethylene	mg/kg	0.0022	0.0098	SPH	01/29/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0044	X	SPL	01/29/96
Toluene	mg/kg	0.0087	X	DUP	01/29/96
1,2,3-Trichlorobenzene	mg/kg	0.0044	X	SPH DUP	01/29/96
Analytical No.:			59298		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

ANALYTICAL REPORT

ENVIROSCAN

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP5-10 01/23/96	Qualifiers	Date Analyzed
1,2,4-Trichlorobenzene	mg/kg	0.0044	X	SPH DUP	01/29/96
1,1,1-Trichloroethane	mg/kg	0.0022	X		01/29/96
1,1,2-Trichloroethane	mg/kg	0.0022	X		01/29/96
Trichloroethylene	mg/kg	0.0008	X	SPH	01/29/96
Trichlorofluoromethane	mg/kg	0.0044	X		01/29/96
1,2,4-Trimethylbenzene	mg/kg	0.0044	X		01/29/96
1,3,5-Trimethylbenzene	mg/kg	0.0044	X		01/29/96
Vinyl Chloride	mg/kg	0.0008	X		01/29/96
m- & p-Xylene	mg/kg	0.0044	X		01/29/96
o-Xylene & Styrene	mg/kg	0.0044	X		01/29/96

Analytical No.: 59298

X = Analyzed but not detected.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP5-15 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	98.20		01/30/96
EPA 8021					
Benzene	mg/kg	0.0008	X	S1L DUP	01/30/96
Bromobenzene	mg/kg	0.0019	X		01/30/96
Bromodichloromethane	mg/kg	0.0019	X	SPH	01/30/96
n-Butylbenzene	mg/kg	0.0039	X		01/30/96
sec-Butylbenzene	mg/kg	0.0039	X		01/30/96
tert-Butylbenzene	mg/kg	0.0039	X		01/30/96
Carbon Tetrachloride	mg/kg	0.0019	X		01/30/96
Chlorobenzene	mg/kg	0.0077	X	DUP	01/30/96
Chlorodibromomethane	mg/kg	0.0019	X	SPH DUP	01/30/96
Chloroethane	mg/kg	0.0077	X		01/30/96
Chloroform	mg/kg	0.0019	X		01/30/96
Chloromethane	mg/kg	0.0077	X	CSL	01/30/96
o-Chlorotoluene	mg/kg	0.0039	X	S1H	01/30/96
p-Chlorotoluene	mg/kg	0.0039	X	S1H DUP	01/30/96
1,2-Dibromo-3-chloropropane	mg/kg	0.052	X		01/30/96
1,2-Dibromoethane	mg/kg	0.0039	X	SPH DUP	01/30/96
1,2-Dichlorobenzene	mg/kg	0.0039	X	S1H DUP	01/30/96
1,3-Dichlorobenzene	mg/kg	0.0039	X	S1H DUP	01/30/96
1,4-Dichlorobenzene	mg/kg	0.0019	X	S1H	01/30/96
Dichlorodifluoromethane	mg/kg	0.0077	X	CSL	01/30/96
1,1-Dichloroethane	mg/kg	0.0019	X		01/30/96
1,2-Dichloroethane	mg/kg	0.0019	X		01/30/96
1,1-Dichloroethylene	mg/kg	0.0015	X		01/30/96
cis-1,2-Dichloroethylene	mg/kg	0.0019	X		01/30/96
trans-1,2-Dichloroethylene	mg/kg	0.0019	X		01/30/96
1,2-Dichloropropane	mg/kg	0.0019	X		01/30/96
1,3-Dichloropropane	mg/kg	0.0019	X	SPL DUP	01/30/96
2,2-Dichloropropane	mg/kg	0.0077	X		01/30/96
Ethylbenzene	mg/kg	0.0039	X		01/30/96
Hexachlorobutadiene	mg/kg	0.0039	X		01/30/96
Isopropylbenzene	mg/kg	0.0039	X		01/30/96
Isopropyl Ether	mg/kg	0.0039	X	S1L DUP	01/30/96
p-Isopropyltoluene	mg/kg	0.0039	X		01/30/96
Methyl tert Butyl Ether	mg/kg	0.0077	X	S1L DUP	01/30/96
Methylene Chloride	mg/kg	0.01	X		01/30/96
Naphthalene	mg/kg	0.0039	X		01/30/96
n-Propylbenzene	mg/kg	0.0039	X		01/30/96
Tetrachloroethylene	mg/kg	0.0019	X	SPH	01/30/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0039	X	SPL	01/30/96
Toluene	mg/kg	0.0077	X	DUP	01/30/96
1,2,3-Trichlorobenzene	mg/kg	0.0039	X	S1H DUP	01/30/96
1,2,4-Trichlorobenzene	mg/kg	0.0039	X	S1H DUP	01/30/96
Analytical No.:			59299		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP5-15 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.0019	X		01/30/96
1,1,2-Trichloroethane	mg/kg	0.0019	X		01/30/96
Trichloroethylene	mg/kg	0.0008	X	SPH	01/30/96
Trichlorofluoromethane	mg/kg	0.0039	X		01/30/96
1,2,4-Trimethylbenzene	mg/kg	0.0039	X		01/30/96
1,3,5-Trimethylbenzene	mg/kg	0.0039	X		01/30/96
Vinyl Chloride	mg/kg	0.0008	X		01/30/96
m- & p-Xylene	mg/kg	0.0039	X		01/30/96
o-Xylene & Styrene	mg/kg	0.0039	X		01/30/96

Analytical No.: 59299

X = Analyzed but not detected.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP6-5 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	94.90		01/30/96
EPA 8021					
Benzene	mg/kg	5.3	X		02/06/96
Bromobenzene	mg/kg	5.3	X		02/06/96
Bromodichloromethane	mg/kg	5.3	X		02/06/96
n-Butylbenzene	mg/kg	5.3	X		02/06/96
sec-Butylbenzene	mg/kg	5.3	X		02/06/96
tert-Butylbenzene	mg/kg	5.3	X		02/06/96
Carbon Tetrachloride	mg/kg	5.3	X	CSL SPL	02/06/96
Chlorobenzene	mg/kg	5.3	X		02/06/96
Chlorodibromomethane	mg/kg	5.3	X		02/06/96
Chloroethane	mg/kg	5.3	X	CSL SPL	02/06/96
Chloroform	mg/kg	5.3	X		02/06/96
Chloromethane	mg/kg	5.3	X	SPL	02/06/96
o-Chlorotoluene	mg/kg	5.3	X		02/06/96
p-Chlorotoluene	mg/kg	5.3	X		02/06/96
1,2-Dibromo-3-chloropropane	mg/kg	5.3	X		02/06/96
1,2-Dibromoethane	mg/kg	5.3	X		02/06/96
1,2-Dichlorobenzene	mg/kg	5.3	X		02/06/96
1,3-Dichlorobenzene	mg/kg	5.3	X		02/06/96
1,4-Dichlorobenzene	mg/kg	5.3	X		02/06/96
Dichlorodifluoromethane	mg/kg	5.3	X	CSL SPL	02/06/96
1,1-Dichloroethane	mg/kg	5.3	X		02/06/96
1,2-Dichloroethane	mg/kg	5.3	X		02/06/96
1,1-Dichloroethylene	mg/kg	5.3	X	SPL	02/06/96
cis-1,2-Dichloroethylene	mg/kg	5.3	X		02/06/96
trans-1,2-Dichloroethylene	mg/kg	5.3	X		02/06/96
1,2-Dichloropropane	mg/kg	5.3	X		02/06/96
1,3-Dichloropropane	mg/kg	5.3	X		02/06/96
2,2-Dichloropropane	mg/kg	5.3	X		02/06/96
Ethylbenzene	mg/kg	5.3	X		02/06/96
Hexachlorobutadiene	mg/kg	5.3	X		02/06/96
Isopropylbenzene	mg/kg	5.3	X		02/06/96
Isopropyl Ether	mg/kg	5.3	X		02/06/96
p-Isopropyltoluene	mg/kg	5.3	X		02/06/96
Methyl tert Butyl Ether	mg/kg	5.3	X	CSL SPL DUP	02/06/96
Methylene Chloride	mg/kg	5.3	X	SPL	02/06/96
Naphthalene	mg/kg	5.3	X		02/06/96
n-Propylbenzene	mg/kg	5.3	X		02/06/96
Tetrachloroethylene	mg/kg	5.3	50.1		02/06/96
1,1,2,2-Tetrachloroethane	mg/kg	5.3	X		02/06/96
Toluene	mg/kg	5.3	X		02/06/96
1,2,3-Trichlorobenzene	mg/kg	5.3	X		02/06/96
1,2,4-Trichlorobenzene	mg/kg	5.3	X		02/06/96
Analytical No.:			59300		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

ANALYTICAL REPORT

ENVIROSCAN

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	Units	Reporting Limit	GP6-5 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	5.3	X	CSL SPL	02/06/96
1,1,2-Trichloroethane	mg/kg	5.3	X		02/06/96
Trichloroethylene	mg/kg	5.3	X		02/06/96
Trichlorofluoromethane	mg/kg	5.3	X	SPL DUP	02/06/96
1,2,4-Trimethylbenzene	mg/kg	5.3	X		02/06/96
1,3,5-Trimethylbenzene	mg/kg	5.3	X		02/06/96
Vinyl Chloride	mg/kg	5.3	X	SPL	02/06/96
m- & p-Xylene	mg/kg	5.3	X		02/06/96
o-Xylene & Styrene	mg/kg	5.3	X	CSL	02/06/96

Analytical No.: 59300

X = Analyzed but not detected.

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REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP6-15 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	91.24		01/30/96
EPA 8021					
Benzene	mg/kg	0.0008	X	SPL DUP	01/29/96
Bromobenzene	mg/kg	0.002	X		01/29/96
Bromodichloromethane	mg/kg	0.002	X	SPH	01/29/96
n-Butylbenzene	mg/kg	0.0038	X		01/29/96
sec-Butylbenzene	mg/kg	0.0038	X		01/29/96
tert-Butylbenzene	mg/kg	0.0038	X		01/29/96
Carbon Tetrachloride	mg/kg	0.002	X		01/29/96
Chlorobenzene	mg/kg	0.0077	X	DUP	01/29/96
Chlorodibromomethane	mg/kg	0.002	X	SPH DUP	01/29/96
Chloroethane	mg/kg	0.0077	X		01/29/96
Chloroform	mg/kg	0.002	X		01/29/96
Chloromethane	mg/kg	0.0077	X	CSL	01/29/96
o-Chlorotoluene	mg/kg	0.0038	X	SPH	01/29/96
p-Chlorotoluene	mg/kg	0.0038	X	SPH DUP	01/29/96
1,2-Dibromo-3-chloropropane	mg/kg	0.052	X		01/29/96
1,2-Dibromoethane	mg/kg	0.0038	X	SPH DUP	01/29/96
1,2-Dichlorobenzene	mg/kg	0.0038	X	SPH DUP	01/29/96
1,3-Dichlorobenzene	mg/kg	0.0038	X	SPH DUP	01/29/96
1,4-Dichlorobenzene	mg/kg	0.002	X	SPH	01/29/96
Dichlorodifluoromethane	mg/kg	0.0077	X	CSL	01/29/96
1,1-Dichloroethane	mg/kg	0.002	X		01/29/96
1,2-Dichloroethane	mg/kg	0.002	X		01/29/96
1,1-Dichloroethylene	mg/kg	0.0015	X		01/29/96
cis-1,2-Dichloroethylene	mg/kg	0.002	X		01/29/96
trans-1,2-Dichloroethylene	mg/kg	0.002	X		01/29/96
1,2-Dichloropropane	mg/kg	0.002	X		01/29/96
1,3-Dichloropropane	mg/kg	0.002	X	SPL DUP	01/29/96
2,2-Dichloropropane	mg/kg	0.0077	X		01/29/96
Ethylbenzene	mg/kg	0.0038	X		01/29/96
Hexachlorobutadiene	mg/kg	0.0038	X		01/29/96
Isopropylbenzene	mg/kg	0.0038	X		01/29/96
Isopropyl Ether	mg/kg	0.0038	X	SPL DUP	01/29/96
p-Isopropyltoluene	mg/kg	0.0038	X		01/29/96
Methyl tert Butyl Ether	mg/kg	0.0077	X	SPL DUP	01/29/96
Methylene Chloride	mg/kg	0.01	X		01/29/96
Naphthalene	mg/kg	0.0038	X		01/29/96
n-Propylbenzene	mg/kg	0.0038	X		01/29/96
Tetrachloroethylene	mg/kg	0.0020	0.0271	SPH	01/29/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0038	X	SPL	01/29/96
Toluene	mg/kg	0.0077	X	DUP	01/29/96
1,2,3-Trichlorobenzene	mg/kg	0.0038	X	SPH DUP	01/29/96
1,2,4-Trichlorobenzene	mg/kg	0.0038	X	SPH DUP	01/29/96
Analytical No.:			59301		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

All analyses conducted in accordance with Enviroscan Quality Assurance Program.

ANALYTICAL REPORT

ENVIROSCAN

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REVIEWED BY:

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	Units	Reporting Limit	GP6-15 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.002	X		01/29/96
1,1,2-Trichloroethane	mg/kg	0.002	X		01/29/96
Trichloroethylene	mg/kg	0.0008	X	SPH	01/29/96
Trichlorofluoromethane	mg/kg	0.0038	X		01/29/96
1,2,4-Trimethylbenzene	mg/kg	0.0038	X		01/29/96
1,3,5-Trimethylbenzene	mg/kg	0.0038	X		01/29/96
Vinyl Chloride	mg/kg	0.0008	X		01/29/96
m- & p-Xylene	mg/kg	0.0038	X		01/29/96
o-Xylene & Styrene	mg/kg	0.0038	0.00537		01/29/96

Analytical No.: 59301

X = Analyzed but not detected.

ANALYTICAL REPORT

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CUST NUMBER: 1552-1
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DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP7-5 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	98.97		01/30/96
EPA 8021					
Benzene	mg/kg	0.0006	X	SPL DUP	01/29/96
Bromobenzene	mg/kg	0.0016	X		01/29/96
Bromodichloromethane	mg/kg	0.0016	X	S2H	01/29/96
n-Butylbenzene	mg/kg	0.0032	X		01/29/96
sec-Butylbenzene	mg/kg	0.0032	X		01/29/96
tert-Butylbenzene	mg/kg	0.0032	X		01/29/96
Carbon Tetrachloride	mg/kg	0.0016	X		01/29/96
Chlorobenzene	mg/kg	0.0065	X	DUP	01/29/96
Chlorodibromomethane	mg/kg	0.0016	X	S2H DUP	01/29/96
Chloroethane	mg/kg	0.0065	X		01/29/96
Chloroform	mg/kg	0.0016	X		01/29/96
Chloromethane	mg/kg	0.0065	X	CSL	01/29/96
o-Chlorotoluene	mg/kg	0.0032	X	SPH	01/29/96
p-Chlorotoluene	mg/kg	0.0032	X	SPH DUP	01/29/96
1,2-Dibromo-3-chloropropane	mg/kg	0.043	X		01/29/96
1,2-Dibromoethane	mg/kg	0.0032	X	S2H DUP	01/29/96
1,2-Dichlorobenzene	mg/kg	0.0032	X	SPH DUP	01/29/96
1,3-Dichlorobenzene	mg/kg	0.0032	X	SPH DUP	01/29/96
1,4-Dichlorobenzene	mg/kg	0.0016	X	SPH	01/29/96
Dichlorodifluoromethane	mg/kg	0.0065	X	CSL	01/29/96
1,1-Dichloroethane	mg/kg	0.0016	X		01/29/96
1,2-Dichloroethane	mg/kg	0.0016	X		01/29/96
1,1-Dichloroethylene	mg/kg	0.0013	X		01/29/96
cis-1,2-Dichloroethylene	mg/kg	0.0016	X		01/29/96
trans-1,2-Dichloroethylene	mg/kg	0.0016	X		01/29/96
1,2-Dichloropropane	mg/kg	0.0016	X		01/29/96
1,3-Dichloropropane	mg/kg	0.0016	X	S1L DUP	01/29/96
2,2-Dichloropropane	mg/kg	0.0065	X		01/29/96
Ethylbenzene	mg/kg	0.0032	X		01/29/96
Hexachlorobutadiene	mg/kg	0.0032	X		01/29/96
Isopropylbenzene	mg/kg	0.0032	X		01/29/96
Isopropyl Ether	mg/kg	0.0032	X	SPL DUP	01/29/96
p-Isopropyltoluene	mg/kg	0.0032	X		01/29/96
Methyl tert Butyl Ether	mg/kg	0.0065	X	SPL DUP	01/29/96
Methylene Chloride	mg/kg	0.0081	X		01/29/96
Naphthalene	mg/kg	0.0032	X		01/29/96
n-Propylbenzene	mg/kg	0.0032	X		01/29/96
Tetrachloroethylene	mg/kg	0.0016	0.00741	S1H S2H	01/29/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0032	X	S1L	01/29/96
Toluene	mg/kg	0.0065	X	DUP	01/29/96
1,2,3-Trichlorobenzene	mg/kg	0.0032	X	SPH DUP	01/29/96
1,2,4-Trichlorobenzene	mg/kg	0.0032	X	SPH DUP	01/29/96

Analytical No.: 59302

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Results calculated on a dry weight basis.

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ENVIROSCAN

Eder Associates
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REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP7-5 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.0016	X		01/29/96
1,1,2-Trichloroethane	mg/kg	0.0016	X		01/29/96
Trichloroethylene	mg/kg	0.0006	X	S1H S2H	01/29/96
Trichlorofluoromethane	mg/kg	0.0032	X		01/29/96
1,2,4-Trimethylbenzene	mg/kg	0.0032	X		01/29/96
1,3,5-Trimethylbenzene	mg/kg	0.0032	X		01/29/96
Vinyl Chloride	mg/kg	0.0006	X		01/29/96
m- & p-Xylene	mg/kg	0.0032	X		01/29/96
o-Xylene & Styrene	mg/kg	0.0032	0.00667		01/29/96

Analytical No.: 59302

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REVIEWED BY:

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	Units	Reporting Limit	GP7-13 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	98.58		01/30/96
EPA 8021					
Benzene	mg/kg	0.0007	X	SPL DUP	01/30/96
Bromobenzene	mg/kg	0.0017	X		01/30/96
Bromodichloromethane	mg/kg	0.0017	X	SPH	01/30/96
n-Butylbenzene	mg/kg	0.0034	X		01/30/96
sec-Butylbenzene	mg/kg	0.0034	X		01/30/96
tert-Butylbenzene	mg/kg	0.0034	X		01/30/96
Carbon Tetrachloride	mg/kg	0.0017	X		01/30/96
Chlorobenzene	mg/kg	0.0069	X	DUP	01/30/96
Chlorodibromomethane	mg/kg	0.0017	X	SPH DUP	01/30/96
Chloroethane	mg/kg	0.0069	X		01/30/96
Chloroform	mg/kg	0.0017	X		01/30/96
Chloromethane	mg/kg	0.0069	X	CSL	01/30/96
o-Chlorotoluene	mg/kg	0.0034	X	SPH	01/30/96
p-Chlorotoluene	mg/kg	0.0034	X	SPH DUP	01/30/96
1,2-Dibromo-3-chloropropane	mg/kg	0.046	X		01/30/96
1,2-Dibromoethane	mg/kg	0.0034	X	SPH DUP	01/30/96
1,2-Dichlorobenzene	mg/kg	0.0034	X	SPH DUP	01/30/96
1,3-Dichlorobenzene	mg/kg	0.0034	X	SPH DUP	01/30/96
1,4-Dichlorobenzene	mg/kg	0.0017	X	SPH	01/30/96
Dichlorodifluoromethane	mg/kg	0.0069	X	CSL	01/30/96
1,1-Dichloroethane	mg/kg	0.0017	X		01/30/96
1,2-Dichloroethane	mg/kg	0.0017	X		01/30/96
1,1-Dichloroethylene	mg/kg	0.0014	X		01/30/96
cis-1,2-Dichloroethylene	mg/kg	0.0017	X		01/30/96
trans-1,2-Dichloroethylene	mg/kg	0.0017	X		01/30/96
1,2-Dichloropropane	mg/kg	0.0017	X		01/30/96
1,3-Dichloropropane	mg/kg	0.0017	X	SPL DUP	01/30/96
2,2-Dichloropropane	mg/kg	0.0069	X		01/30/96
Ethylbenzene	mg/kg	0.0034	X		01/30/96
Hexachlorobutadiene	mg/kg	0.0034	X		01/30/96
Isopropylbenzene	mg/kg	0.0034	X		01/30/96
Isopropyl Ether	mg/kg	0.0034	X	SPL DUP	01/30/96
p-Isopropyltoluene	mg/kg	0.0034	X		01/30/96
Methyl tert Butyl Ether	mg/kg	0.0069	X	SPL DUP	01/30/96
Methylene Chloride	mg/kg	0.0086	X		01/30/96
Naphthalene	mg/kg	0.0034	X		01/30/96
n-Propylbenzene	mg/kg	0.0034	X		01/30/96
Tetrachloroethylene	mg/kg	0.0017	0.0276	SPH	01/30/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0034	X	SPL	01/30/96
Toluene	mg/kg	0.0069	X	DUP	01/30/96
1,2,3-Trichlorobenzene	mg/kg	0.0034	X	SPH DUP	01/30/96
1,2,4-Trichlorobenzene	mg/kg	0.0034	X	SPH DUP	01/30/96
Analytical No.:			59303		

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REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP7-13 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.0017	X		01/30/96
1,1,2-Trichloroethane	mg/kg	0.0017	X		01/30/96
Trichloroethylene	mg/kg	0.0007	X	SPH	01/30/96
Trichlorofluoromethane	mg/kg	0.0034	X		01/30/96
1,2,4-Trimethylbenzene	mg/kg	0.0034	X		01/30/96
1,3,5-Trimethylbenzene	mg/kg	0.0034	X		01/30/96
Vinyl Chloride	mg/kg	0.0007	X		01/30/96
m- & p-Xylene	mg/kg	0.0034	X		01/30/96
o-Xylene & Styrene	mg/kg	0.0034	0.00396		01/30/96

Analytical No.: 59303

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REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP8-5 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	91.33		01/30/96
EPA 8021					
Benzene	mg/kg	0.0009	X	SPL DUP	01/30/96
Bromobenzene	mg/kg	0.0023	X		01/30/96
Bromodichloromethane	mg/kg	0.0023	X	SPH	01/30/96
n-Butylbenzene	mg/kg	0.0045	X		01/30/96
sec-Butylbenzene	mg/kg	0.0045	X		01/30/96
tert-Butylbenzene	mg/kg	0.0045	X		01/30/96
Carbon Tetrachloride	mg/kg	0.0023	X		01/30/96
Chlorobenzene	mg/kg	0.009	X	DUP	01/30/96
Chlorodibromomethane	mg/kg	0.0023	X	SPH DUP	01/30/96
Chloroethane	mg/kg	0.009	X		01/30/96
Chloroform	mg/kg	0.0023	X		01/30/96
Chloromethane	mg/kg	0.009	X	CSL	01/30/96
o-Chlorotoluene	mg/kg	0.0045	X	SPH	01/30/96
p-Chlorotoluene	mg/kg	0.0045	X	SPH DUP	01/30/96
1,2-Dibromo-3-chloropropane	mg/kg	0.06	X		01/30/96
1,2-Dibromoethane	mg/kg	0.0045	X	SPH DUP	01/30/96
1,2-Dichlorobenzene	mg/kg	0.0045	X	SPH DUP	01/30/96
1,3-Dichlorobenzene	mg/kg	0.0045	X	SPH DUP	01/30/96
1,4-Dichlorobenzene	mg/kg	0.0023	X	SPH	01/30/96
Dichlorodifluoromethane	mg/kg	0.009	X	CSL	01/30/96
1,1-Dichloroethane	mg/kg	0.0023	X		01/30/96
1,2-Dichloroethane	mg/kg	0.0023	X		01/30/96
1,1-Dichloroethylene	mg/kg	0.0018	X		01/30/96
cis-1,2-Dichloroethylene	mg/kg	0.0023	X		01/30/96
trans-1,2-Dichloroethylene	mg/kg	0.0023	X		01/30/96
1,2-Dichloropropane	mg/kg	0.0023	X		01/30/96
1,3-Dichloropropane	mg/kg	0.0023	X	SPL DUP	01/30/96
2,2-Dichloropropane	mg/kg	0.009	X		01/30/96
Ethylbenzene	mg/kg	0.0045	X		01/30/96
Hexachlorobutadiene	mg/kg	0.0045	X		01/30/96
Isopropylbenzene	mg/kg	0.0045	X		01/30/96
Isopropyl Ether	mg/kg	0.0045	X	SPL DUP	01/30/96
p-Isopropyltoluene	mg/kg	0.0045	X		01/30/96
Methyl tert Butyl Ether	mg/kg	0.009	X	SPL DUP	01/30/96
Methylene Chloride	mg/kg	0.011	X		01/30/96
Naphthalene	mg/kg	0.0045	X		01/30/96
n-Propylbenzene	mg/kg	0.0045	X		01/30/96
Tetrachloroethylene	mg/kg	0.0023	0.0275	SPH	01/30/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0045	X	SPL	01/30/96
Toluene	mg/kg	0.009	X	DUP	01/30/96
1,2,3-Trichlorobenzene	mg/kg	0.0045	X	SPH DUP	01/30/96
1,2,4-Trichlorobenzene	mg/kg	0.0045	X	SPH DUP	01/30/96
Analytical No.:			59304		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

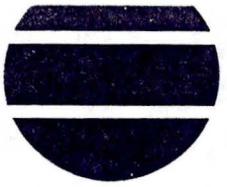
Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP8-5 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.0023	X		01/30/96
1,1,2-Trichloroethane	mg/kg	0.0023	X		01/30/96
Trichloroethylene	mg/kg	0.0009	X	SPH	01/30/96
Trichlorofluoromethane	mg/kg	0.0045	X		01/30/96
1,2,4-Trimethylbenzene	mg/kg	0.0045	X		01/30/96
1,3,5-Trimethylbenzene	mg/kg	0.0045	X		01/30/96
Vinyl Chloride	mg/kg	0.0009	X		01/30/96
m- & p-Xylene	mg/kg	0.0045	X		01/30/96
o-Xylene & Styrene	mg/kg	0.0045	0.00679		01/30/96

Analytical No.: 59304

X = Analyzed but not detected.

NALYTICAL REPORT



Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP8-13 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	%	-	97.02		01/30/96
EPA 8021					
Benzene	mg/kg	0.0007	X	SPL DUP	01/30/96
Bromobenzene	mg/kg	0.0019	X		01/30/96
Bromodichloromethane	mg/kg	0.0019	X	SPH	01/30/96
n-Butylbenzene	mg/kg	0.0037	X		01/30/96
sec-Butylbenzene	mg/kg	0.0037	X		01/30/96
tert-Butylbenzene	mg/kg	0.0037	X		01/30/96
Carbon Tetrachloride	mg/kg	0.0019	X		01/30/96
Chlorobenzene	mg/kg	0.0074	X	DUP	01/30/96
Chlorodibromomethane	mg/kg	0.0019	X	SPH DUP	01/30/96
Chloroethane	mg/kg	0.0074	X		01/30/96
Chloroform	mg/kg	0.0019	X		01/30/96
Chloromethane	mg/kg	0.0074	X	CSL	01/30/96
o-Chlorotoluene	mg/kg	0.0037	X	SPH	01/30/96
p-Chlorotoluene	mg/kg	0.0037	X	SPH DUP	01/30/96
1,2-Dibromo-3-chloropropane	mg/kg	0.049	X		01/30/96
1,2-Dibromoethane	mg/kg	0.0037	X	SPH DUP	01/30/96
1,2-Dichlorobenzene	mg/kg	0.0037	X	SPH DUP	01/30/96
1,3-Dichlorobenzene	mg/kg	0.0037	X	SPH DUP	01/30/96
1,4-Dichlorobenzene	mg/kg	0.0019	X	SPH	01/30/96
Dichlorodifluoromethane	mg/kg	0.0074	X	CSL	01/30/96
1,1-Dichloroethane	mg/kg	0.0019	X		01/30/96
1,2-Dichloroethane	mg/kg	0.0019	X		01/30/96
1,1-Dichloroethylene	mg/kg	0.0014	X		01/30/96
cis-1,2-Dichloroethylene	mg/kg	0.0019	X		01/30/96
trans-1,2-Dichloroethylene	mg/kg	0.0019	X		01/30/96
1,2-Dichloropropane	mg/kg	0.0019	X		01/30/96
1,3-Dichloropropane	mg/kg	0.0019	X	SPL DUP	01/30/96
2,2-Dichloropropane	mg/kg	0.0074	X		01/30/96
Ethylbenzene	mg/kg	0.0037	X		01/30/96
Hexachlorobutadiene	mg/kg	0.0037	X		01/30/96
Isopropylbenzene	mg/kg	0.0037	X		01/30/96
Isopropyl Ether	mg/kg	0.0037	X	SPL DUP	01/30/96
p-Isopropyltoluene	mg/kg	0.0037	X		01/30/96
Methyl tert Butyl Ether	mg/kg	0.0074	X	SPL DUP	01/30/96
Methylene Chloride	mg/kg	0.009	X		01/30/96
Naphthalene	mg/kg	0.0037	X		01/30/96
n-Propylbenzene	mg/kg	0.0037	X		01/30/96
Tetrachloroethylene	mg/kg	0.0019	0.111	SPH	01/30/96
1,1,2,2-Tetrachloroethane	mg/kg	0.0037	X	SPL	01/30/96
Toluene	mg/kg	0.0074	X	DUP	01/30/96
1,2,3-Trichlorobenzene	mg/kg	0.0037	X	SPH DUP	01/30/96
1,2,4-Trichlorobenzene	mg/kg	0.0037	X	SPH DUP	01/30/96
Analytical No.:			59305		

X = Analyzed but not detected.
Results calculated on a dry weight basis.

ANALYTICAL REPORT

ENVIROSCAN

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP8-13 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.0019	X		01/30/96
1,1,2-Trichloroethane	mg/kg	0.0019	X		01/30/96
Trichloroethylene	mg/kg	0.0007	X	SPH	01/30/96
Trichlorofluoromethane	mg/kg	0.0037	X		01/30/96
1,2,4-Trimethylbenzene	mg/kg	0.0037	X		01/30/96
1,3,5-Trimethylbenzene	mg/kg	0.0037	X		01/30/96
Vinyl Chloride	mg/kg	0.0007	X		01/30/96
m- & p-Xylene	mg/kg	0.0037	X		01/30/96
o-Xylene & Styrene	mg/kg	0.0037	0.00392		01/30/96

Analytical No.: 59305

X = Analyzed but not detected.

ANALYTICAL REPORT

ENVIROSCAN

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

Qualifier Descriptions

CSL	Check standard for this analyte exhibited a low bias. Sample results may also be biased low. Non-detects were verified by comparison with a low standard.
CSH	Check standard for this analyte exhibited a high bias. Sample results may also be biased high. Non-detects were verified by comparison with a low standard.
DUP	Result of duplicate analysis in this quality assurance batch exceeds the limits for precision. Sample results may also show a degree of variability.
SPL	The matrix spike included with this analytical batch had a low recovery. Since that sample matrix appears similar to your sample, your result may also be low.
MB	Analyte was observed in the method blank. Sample results may be biased high.
SPH	The matrix spike included with this analytical batch had a high recovery. Since that sample matrix appears similar to your sample, your result may also be high.
S1L	Matrix spike recovery of this sample was low. Result for sample may also be biased low.
S1H	Matrix spike recovery of this sample was high. Result for sample may also be biased high.
S2H	Matrix spike duplicate recovery of this sample was high. Result for sample may also be biased high.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

Modified Gasoline Range Organics (GRO)
Parameter # 78920

	GRO	Qualifiers	Date Analyzed	Analytical No.
GP1-10	X	DUP	01/29/96	59290
GP1-15	X	DUP	01/29/96	59291
GP2-5	5.53	DUP G3	01/29/96	59292
GP2-15	X	DUP	01/29/96	59293
GP3-10	X	DUP	01/29/96	59294
GP3-15	X	DUP	01/29/96	59295
GP4-9	X	DUP	01/29/96	59296
GP4-13	X	DUP	01/29/96	59297
GP5-10	X	DUP	01/29/96	59298
GP5-15	X	DUP	01/29/96	59299
GP6-5	47.6	DUP G3	01/29/96	59300

Reporting Limit 5.0
Units mg/kg

X = Analyzed but not detected.
Results calculated on a dry weight basis.

Qualifiers: Only above indicated qualifiers apply.

(G1) The chromatogram is characteristic for gasoline.
(G2) The chromatogram has characteristics of an aged gasoline sample.
(G3) The chromatogram is not characteristic for either gasoline or aged gasoline. However, it has a reportable concentration of peaks/area within the GRO window.
(G4) The chromatogram contains a single compound which accounts for most of the GRO result.
(G5) The chromatogram contains a significant number of peaks outside the GRO window.
(G6) The chromatogram contains a significant number of peaks and a raised baseline outside the GRO window.
(G7) The chromatogram is characteristic for gasoline, however either additional peaks are present or PVOC peaks are not proportional to gasoline, indicating the presence of additional compounds.
(G8) The chromatogram is characteristic for aged gasoline, however either additional peaks are present or PVOC peaks are not proportional to aged gasoline indicating the presence of additional compounds.
(DUP) Result of duplicate analysis in this quality assurance batch exceeds the limits for precision of 20%. Sample results may also show a degree of variability. DUP = 25%.

The entire area within the GRO window was quantitated.

The replicate spike recovery of this batch of samples was found to be 117% and 91.1%.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

Modified Gasoline Range Organics (GRO)
Parameter # 78920

	GRO	Qualifiers	Date Analyzed	Analytical No.
GP6-15	X	DUP	01/29/96	59301
GP7-5	X	DUP	01/29/96	59302
GP7-13	X	DUP	01/29/96	59303
GP8-5	X	DUP	01/30/96	59304
GP8-13	X	DUP	01/30/96	59305
Reporting Limit	5.0			
Units	mg/kg			

X = Analyzed but not detected.
Results calculated on a dry weight basis.

Qualifiers: Only above indicated qualifiers apply.

(G1) The chromatogram is characteristic for gasoline.
(G2) The chromatogram has characteristics of an aged gasoline sample.
(G3) The chromatogram is not characteristic for either gasoline or aged gasoline. However, it has a reportable concentration of peaks/area within the GRO window.
(G4) The chromatogram contains a single compound which accounts for most of the GRO result.
(G5) The chromatogram contains a significant number of peaks outside the GRO window.
(G6) The chromatogram contains a significant number of peaks and a raised baseline outside the GRO window.
(G7) The chromatogram is characteristic for gasoline, however either additional peaks are present or PVOC peaks are not proportional to gasoline, indicating the presence of additional compounds.
(G8) The chromatogram is characteristic for aged gasoline, however either additional peaks are present or PVOC peaks are not proportional to aged gasoline indicating the presence of additional compounds.
(DUP) Result of duplicate analysis in this quality assurance batch exceeds the limits for precision of 25%. Sample results may also show a degree of variability. DUP = 25%

The entire area within the GRO window was quantitated.

The replicate spike recovery of this batch of samples was found to be 117% and 91.1%.

REQUEST FOR SERVICES

303 W. MILITARY RD. ROTHSCHILD, WI 54474 1-800-338-SCAN

REPORT TO:
Name: Dave Hart
Company: Eder Associates
Address: 6025 Excelsior Dr.
Madison WI 53717
Phone: (608) 836 - 1500
P.O. #
Project # 1552-1 Quote #

BILL TO: (if different from Report To info):
Name: Aubrey Fowler
Company: Highway Dry Cleaners
Address: P.O. Box 5326
Madison, WI 53705
Phone: ( )

Sample Type *(Check all that apply)*
- ☐ Groundwater
- ☐ Wastewater
- ☒ Soil/Solid
- ☐ Drinking Water
- ☐ Oil
- ☐ Vapor
- ☐ Other

Turnaround Time
- ☒ Normal
- ☐ Rush (Pre-approved by Lab)

Date Needed 1.5.96
Approved By

ANALYTICAL REQUESTS
(use separate sheet if necessary)

LAB USE ONLY	DATE	TIME	No. of Containers COMP	No. of Containers GRAB	SAMPLE ID	GRO	VOCs				REMARKS
15059290	1/22/96	9:50		2	GP1-10	x	x				
15059291		10:05		2	GP1-15						
15059292		10:45		2	GP2-5						
15059293		10:50		2	GP2-15						
15059294		11:40		2	GP3-10						
15059295		11:50		2	GP3-15						
15059296		12:50		2	GP4-9						
15059297		12:55		2	GP4-13						
15059298		1:35		2	GP5-10						
15059299		1:45		2	GP5-15						
EDERAS	HIGHWAY										

Del'v: Hand (Comm.)
Ship. Cont. OK? (Y) N N/A
Samples leaking? Y (N) N/A
Seals OK? (Y) N N/A
Rec'd on ice? (Y) N N/A __ °C

Comments:

CHAIN OF CUSTODY RECORD

SAMPLERS: *(Signature)* David Hart

RELINQUISHED BY: *(Signature)*	DATE/TIME	RECEIVED BY: *(Signature)*
David Hart	1/24/96 2:00	
RELINQUISHED BY: *(Signature)*	DATE/TIME	RECEIVED BY: *(Signature)*
RELINQUISHED BY: *(Signature)*	DATE/TIME	RECEIVED FOR LABORATORY BY: *(Signature)* / DATE/TIME 1/25/96 11:15

REQUEST FOR SERVICES

303 W. MILITARY RD. ROTHSCHILD, WI 54474 1-800-338-SCAN

REPORT TO:
Name: Dave Hart
Company:
Address:
Phone: ( )
P.O. #
Project # 1552-1 Quote #

BILL TO: (if different from Report To info):
Name: Aubrey Fowler
Company:
Address: P.O. Box 5326
Madison, WI 53705
Phone: ( )

Sample Type
(Check all that apply)
- [ ] Groundwater
- [ ] Wastewater
- [x] Soil/Solid
- [ ] Drinking Water
- [ ] Oil
- [ ] Vapor
- [ ] Other

Turnaround Time
- [x] Normal
- [ ] Rush (Pre-approved by Lab)

Date Needed
Approved By

ANALYTICAL REQUESTS
(use separate sheet if necessary)

LAB USE ONLY	DATE	TIME	No. of Containers COMP	No. of Containers GRAB	SAMPLE ID	GRO	VOCs				REMARKS
15059300	1/23/96	2:10		2	GP6-5	X	X				
15059301		2:25		2	GP6-15						
15059302		2:50		2	GP7-5						
15059303		3:00		2	GP7-13						
15059304		3:25		2	GP8-5						
15059305		3:40		2	GP8-13						
EDERAS											

Del'v: Hand (Comm)
Ship. Cont. OK? (Y) N N/A
Samples leaking? Y (N) N/A
Seals OK? (Y) N N/A
Rec'd on ice? (Y) N N/A __°C

Comments:

CHAIN OF CUSTODY RECORD

SAMPLERS: *(Signature)* David Hart

RELINQUISHED BY: *(Signature)*	DATE/TIME	RECEIVED BY: *(Signature)*
David Hart	1/24/96 2:00	
RELINQUISHED BY: *(Signature)*	DATE/TIME	RECEIVED BY: *(Signature)*
RELINQUISHED BY: *(Signature)*	DATE/TIME	RECEIVED FOR LABORATORY BY: *(Signature)* [signature]

DATE/TIME 1/25/96 11:15

ENVIROSCAN

ENVIRONMENTAL AND
ANALYTICAL SERVICES

March 6, 1996

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

Attn: David Hart/ Aubrey Fowler

Re: 1552-1

Please find enclosed the analytical results for the samples received February 23, 1996.

All analyses were completed in accordance with appropriate EPA methodologies. Methods and dates of analysis are included in the report tables.

The chain of custody document is enclosed. If you have any questions about the results, please call. Thank you for using Enviroscan Corp. for your analytical needs.

Sincerely,

Enviroscan Corp.

Laurie M. Pietrowski

Laurie M. Pietrowski
Analytical Chemist

303 West Military Road Rothschild, WI 54474 (715) 359-7226
An Affiliate of the Black Clawson Co.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 02/23/96
REPORT DATE: 03/06/96
PREPARED BY: LMP
REVIEWED BY:

Attn: David Hart/ Aubrey Fowler

Sample ID	Tetrachloroethylene EPA 8021	Qualifiers	Total Solids EPA 160.3	Qualifiers	Analytical No.
GP9-20	0.0360		96.32		61153
GP9-25	0.0099		95.10		61154
GP10-10	0.0173		96.57		61155
GP10-25	0.0121		94.72		61157
GP11-50	0.00463		82.13		61161
GP12-25	0.00653	SH	98.06		61162
GP12-35	0.00501		95.87		61163
GP13-35	X	SH	96.85		61166
GP15-35	0.00300		93.20		61170
GP16-20	0.00689		88.50		61171
Reporting Limit	0.0024		-		
Units	mg/kg		%		
GP10-20	0.932		86.27		61156
GP11-10	X		97.70		61158
GP11-20	239		92.31		61159
GP11-26	X		98.10		61160
GP13-20	0.866		86.23		61164
GP13-25	22.4		96.89		61165
GP14-20	17.3		91.09		61167
GP14-35	X		95.39		61168
GP15-20	13.5		91.70		61169
GP16-25	X		95.78		61172
Reporting Limit	0.025		-		
Units	mg/kg		%		
Date Analyzed:	02/29/96		02/29/96		

X = Analyzed but not detected.

Results calculated on a dry weight basis.

Qualifier Descriptions

SH — Recovery of surrogate was high. Result for sample may also be biased high.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 02/23/96
REPORT DATE: 03/06/96
PREPARED BY: GPF GPF
REVIEWED BY:

Attn: David Hart/ Aubrey Fowler

Total Petroleum Hydrocarbon (TPH) Analysis

Sample ID	Soil GC Mineral Spirits CAL. METH	Qualifiers	Analytical No.
GP12-35	X		61163
GP13-35	X		61166
GP14-20	72.1	T8	61167
GP14-35	7.59	T8	61168
GP15-35	X		61170
GP16-20	7.86	T8	61171
GP16-25	39.7	T8	61172
Reporting Limit	5.0		
GP13-20	226.	T8	61164
Reporting Limit	10.0		
GP13-25	39,220.	T8	61165
Reporting Limit	80.0		
GP15-20	767.	T8	61169
Reporting Limit	20.0		
Units	mg/kg		

Extraction date - 02/28/96
Date analyzed- 03/04/96

X = Analyzed but not detected.
Results calculated on a dry weight basis.

Qualifiers: Only above indicated qualifiers apply.

(T1) The chromatogram is distinct for gasoline.
(T2) The chromatogram is distinct for diesel.
(T3) The chromatogram is distinct in showing that the contaminant is a mixture of both gasoline and diesel.
(T4) The chromatogram is not distinct for either gasoline or diesel. It has more characteristics of aged gasoline and was therefore calculated as gasoline.
(T5) The chromatogram is not distinct for either gasoline or diesel. It is being reported as diesel, but there is the possibility it is aged and/or degraded gasoline.
(T6) The chromatogram is not distinct for either gasoline or diesel. It is reported as diesel, but it appears it may be a heavier petroleum product. (ie. Motor oil, hydraulic oil, etc.)
(T7) The chromatogram does not show contamination of gasoline or diesel as defined by the California Method, but there appears to be contamination by a heavier petroleum product (ie. motor oil, hydraulic oil, etc.).

(T8) The chromatogram is distinct for mineral spirits.

ANALYTICAL REPORT

Eder Associates
8025 Excelsior Drive
Madison, WI 53717-1900

CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 02/23/96
REPORT DATE: 03/06/96
PREPARED BY: GPF GRP
REVIEWED BY:

Attn: David Hart/ Aubrey Fowler

Total Petroleum Hydrocarbon (TPH) Analysis

Sample ID	Soil GC Mineral Spirits CAL. METH	Qualifiers	Analytical No.
GP9-20	X		61153
GP9-25	X		61154
GP10-10	X		61155
GP10-20	90.1	T8	61156
GP10-25	X		61157
GP11-10	X		61158
GP11-20	147.	T8	61159
GP11-26	X		61160
GP11-50	X		61161
GP12-25	X		61162

Reporting Limit 5.0

Units mg/kg

Extraction date - 02/27/96
Date analyzed- 02/28/96

X = Analyzed but not detected.
Results calculated on a dry weight basis.

Qualifiers: Only above indicated qualifiers apply.

(T1) The chromatogram is distinct for gasoline.
(T2) The chromatogram is distinct for diesel.
(T3) The chromatogram is distinct in showing that the contaminant is a mixture of both gasoline and diesel.
(T4) The chromatogram is not distinct for either gasoline or diesel. It has more characteristics of aged gasoline and was therefore calculated as gasoline.
(T5) The chromatogram is not distinct for either gasoline or diesel. It is being reported as diesel, but there is the possibility it is aged and/or degraded gasoline.
(T6) The chromatogram is not distinct for either gasoline or diesel. It is reported as diesel, but it appears it may be a heavier petroleum product. (ie. Motor oil, hydraulic oil, etc.)
(T7) The chromatogram does not show contamination of gasoline or diesel as defined by the California Method, but there appears to be contamination by a heavier petroleum product (ie. motor oil, hydraulic oil, etc.).

(T8) The chromatogram is distinct for mineral spirits.

Sheet 1 of 2

REQUEST FOR SERVICES

303 W. MILITARY RD. ROTHSCHILD, WI 54474 1-800-338-SCAN

REPORT TO:
Name: David Hart
Company: Eder Associates
Address: 8025 Excelsior Drive
Madison, WI 53717
Phone: (608) 836-1500
P.O. #
Project # 1552-1 Quote #

BILL TO: (if different from Report To info):
Name: Aubrey Fowler
Company: ~~[illegible]~~ Hi-Way DryCleaners
Address: P.O. Box 5326
Madison, WI 53705
Phone: ( )

ANALYTICAL REQUESTS
(use separate sheet if necessary)

Sample Type
(Check all that apply)
- [ ] Groundwater
- [ ] Wastewater
- [x] Soil/Solid
- [ ] Drinking Water
- [ ] Oil
- [ ] Vapor
- [ ] Other

Turnaround Time
- [x] Normal
- [ ] Rush (Pre-approved by Lab)

Date Needed
Approved By

LAB USE ONLY	DATE	TIME	No. of Containers COMP	GRAB	SAMPLE ID		Perc. Vac. TS	Tetrachloroethylene (PCE)	Mineral Spirits by California method / S-MIBSP S-ESSOLEXT				REMARKS
16061153	2/21/96	8:40		1	GP9-20	✓	x	x					
16061154	2/21/96	8:50		↓	GP9-25	✓	↓	↓					
16061155	↓	9:15		↓	GP10-10	✓	↓	↓					
16061156	↓	9:25		↓	GP10-20	✓	↓	↓					
16061157	↓	9:30		↓	GP10-25	✓	↓	↓					
16061158	↓	9:50		↓	GP11-10	✓	↓	↓					
16061159	↓	10:00		↓	GP11-20	✓	↓	↓					
16061160	↓	10:10		↓	GP11-26	✓	↓	↓					
16061161	↓	11:10		↓	GP11-50	✓	↓	↓					
16061162	↓	12:50		↓	GP12-25	✓	↓	↓					
EDERAS	Highway												

Del'v: Hand (Comm.)
Ship. Cont. OK? (Y) N N/A
Samples leaking? Y (N) N/A
Seals OK? (Y) N N/A
Rec'd on ice? (Y) N N/A __°C

Comments:

CHAIN OF CUSTODY RECORD

SAMPLERS: *(Signature)* David Hart

RELINQUISHED BY: *(Signature)*	DATE/TIME		RECEIVED BY: *(Signature)*
David Hart	2/22/96	4:00	
RELINQUISHED BY: *(Signature)*	DATE/TIME		RECEIVED BY: *(Signature)*
RELINQUISHED BY: *(Signature)*	DATE/TIME		RECEIVED FOR LABORATORY BY: *(Signature)* Bev Readut — DATE/TIME 2/23/96 11:40 AM

REQUEST FOR SERVICES

303 W. MILITARY RD. ROTHSCHILD, WI 54474 1-800-338-SCAN

REPORT TO:
Name: David Hart
Company: Eder Associates
Address: 8025 Excelsior Dr
Madison, WI 53717
Phone: (608) 836-1500
P.O. #
Project # 1552-1 Quote #

BILL TO: (if different from Report To info):
Name: Aubrey Fowler
Company: Hi-Way Dry Cleaners
Address: P.O. Box 5326
Madison, WI 53705
Phone: ( )

Sample Type *(Check all that apply)*
- ☐ Groundwater
- ☐ Wastewater
- ☒ Soil/Solid
- ☐ Drinking Water
- ☐ Oil
- ☐ Vapor
- ☐ Other

Turnaround Time
- ☒ Normal
- ☐ Rush (Pre-approved by Lab)

Date Needed
Approved By

ANALYTICAL REQUESTS
(use separate sheet if necessary)

LAB USE ONLY	DATE	TIME	No. of Containers COMP	No. of Containers GRAB	SAMPLE ID		PCE TCE	Tetrachloroethylene (PCE)	Mineral Spirits by California Method				REMARKS
16061163	2/21/96	1:05		1	GP12-35	✓	X	X					
16061164		1:30			GP13-20	✓							
16061165		1:45			GP13-25	✓							
16061166		1:55			GP13-35	✓							
16061167		2:30			GP14-20	✓							
16061168		3:00			GP14-35	✓							
16061169		4:20			GP15-20	✓							
16061170		4:40			GP15-35	✓							
16061171		5:05			GP16-20	✓							
16061172	↓	5:15		↓	GP16-25	✓	↓	↓					
EDERAS													

Del'v: Hand (Comm.)
Ship. Cont. OK? (Y) N N/A
Samples leaking? Y (N) N/A
Seals OK? (Y) N N/A
Rec'd on ice? (Y) N N/A __°C

Comments:

CHAIN OF CUSTODY RECORD

SAMPLERS: *(Signature)* David Hart

RELINQUISHED BY: *(Signature)*	DATE/TIME	RECEIVED BY: *(Signature)*
David Hart	2/22/96 4:00	
RELINQUISHED BY: *(Signature)*	DATE/TIME	RECEIVED BY: *(Signature)*
RELINQUISHED BY: *(Signature)*	DATE/TIME	RECEIVED FOR LABORATORY BY: *(Signature)* Bev Read / DATE/TIME 2/23/96 11:46 AM

ATTACHMENT B

SOIL BORING LOGS AND BOREHOLE ABANDONMENT FORMS

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

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Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-1

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Soil Essentials Dave Paulson	01/23/96	01/23/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location		Local Grid Location (if applicable)
State Plane 44.83 N, 42.25 E S/C/N NE 1/4 of SW 1/4 of Section 12; T7N, R8E	Lat 0 0 0 Long 0 0 0	44.83 Feet N 42.25 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	8			Fine–medium brown SAND	SP									9:45
	16			Same as above though tan				2.6 ppm 27.9 ppm						9:50
	13		10	Same as above				49.8 ppm						9:50
	24			Medium–coarse tan SAND				3.3 ppm						10:05
			20											
			30											
			40											
			50											

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

Signature David Fast

Firm Eder Associates, 8025 Excelsior Drive, Madison, WI 53717-1900

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

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Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-2

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Soil Essentials Dave Paulson	01/23/96	01/23/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location		Local Grid Location (if applicable)
State Plane 52.68 N, 54.15 E S/C/N NE 1/4 of SW 1/4 of Section 12; T7N R8E	Lat 0 0 0 Long 0 0 0	52.68 Feet N 54.15 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
				3" Reddish sandy clay FILL over 3" tan fine-medium SAND	CL									
	6			Tan fine-medium SAND	SP			22.4 ppm						10:35
	22		10					6.4 ppm						10:45
	24			Tan medium-coarse SAND				12.6 ppm						10:50
			20											
			30											
			40											
			50											

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

Signature David Hart Firm Eder Associates, 8025 Excelsior Drive, Madison, WI 53717-1900

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Page_____of_____

Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-3

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Soil Essentials Dave Paulson	01/23/96	01/23/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location		Local Grid Location (if applicable)
State Plane 58.39 N, 54.39 E S/C/N NE 1/4 of SW 1/4 of Sect. 12; T7N R8E	Lat 0 0 0 Long 0 0 0	58.39 Feet N 54.39 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	0			No recovery, Fill estimated to 8' depth	CL									
	18		10	Tan fine-medium SAND	SP			9.9 ppm						11:40
	16			Same as above				12.1 ppm						11:50
			20											
			30											
			40											
			50											

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Signature David Hart Firm Eder Associates, 8025 Excelsior Drive, Madison, WI 53717-1900

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION

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Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-4

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Soil Essentials Dave Paulson	01/23/96	01/23/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location		Local Grid Location (if applicable)
State Plane 71.47 N, 62.96 E S/C/N NE 1/4 of SW 1/4 of Sect. 12; T7N R8E	Lat 0 0 0 Long 0 0 0	71.47 Feet N 62.96 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	48			Fine-medium tan SAND	SP			12.5 ppm						12:40
	36			Same as above				23.7 ppm						12:45
	48		10	Same as above over SAND and GRAVEL				72.2 ppm						12:50
	48							33.8 ppm						12:55
			20											
			30											
			40											
			50											

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Signature David Hart Firm Eder Associates, 8025 Excelsior Drive, Madison, WI 53717-1900

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

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Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-5

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Soil Essentials Dave Paulson	01/23/96	01/23/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location		Local Grid Location (if applicable)
State Plane 56.01 N, 27.25 E S/C/N NE 1/4 of SW 1/4 of Sect. 12; T7N R8E	Lat 0 0 0 Long 0 0 0	56.01 Feet N 27.25 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	20			Fine .brown SAND	SP			11.0 ppm						1:30
	16		10	Same as above				94.2 ppm						1:35
	16			Fine–medium brown SAND				13.6 ppm						1:45
			20											
			30											
			40											
			50											

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

Signature David Hart Firm Eder Associates, 8025 Excelsior Drive, Madison, WI 53717-1900

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

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Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-6

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Soil Essentials Dave Paulson	01/23/96	01/23/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location		Local Grid Location (if applicable)
State Plane 69.57 N, 28.44 E S/C/N NE 1/4 of SW 1/4 of Sect. 12; T7N R8E	Lat 0 0 0 Long 0 0 0	69.57 Feet N 28.44 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
					SW									
	8			6.5" reddish brown sand FILL over 1.5" fine-medium brown SAND	SP			141 ppm						2:10
	24		10	Fine-medium tan SAND				10.2 ppm						2:15
	24			Same as above				32.8 ppm						2:25
			20											
			30											
			40											
			50											

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

Signature David Hart Firm Eder Associates, 8025 Excelsior Drive, Madison, WI 53717-1900

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other

SOIL BORING LOG INFORMATION

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Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-7

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Soil Essentials Dave Paulson	01/23/96	01/23/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location	Lat / Long	Local Grid Location (if applicable)
State Plane 81.70 N, 27.97 E S/C/N NE 1/4 of SW 1/4 of Sect. 12; T7N R8E	Lat 0 0 0 Long 0 0 0	81.70 Feet N 27.97 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	23	P P		Fine-medium tan/brown SAND	SP			64.7 ppm						2:45
	23	P P P P		Same as above				701 ppm						2:50
	23	P P P P	10	Same as above				72.6 ppm						2:55
	19	P P P P P P		Same as above, grading to medium-coarse SAND w/gravel.				121 ppm						3:00

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

Signature: David Hart

Firm: Eder Associates, 8025 Excelsior Drive, Madison, WI 53717-1900

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other______

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

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Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-8

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
Soil Essentials Dave Paulson	01/23/96	01/23/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location
State Plane 94.07 N, 41.06 E S/C/N
NE 1/4 of SW 1/4 of Sect. 12; T7N R8E

Lat 0 0 0
Long 0 0 0

Local Grid Location (if applicable)
94.07 Feet N 41.06 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	19	P P		Fine brown SAND	SP			27.4 ppm						3:20
	19	P P P		Fine-medium brown SAND				135 ppm						3:25
	23	P P P	10	Same as above				68.8 ppm						3:30
	23	P P P P P		Same as above grading to medium-coarse SAND w/gravel.				93.5 ppm						3:40
			20											
			30											
			40											
			50											

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

Signature David Hart

Firm Eder Associates, 8025 Excelsior Drive, Madison, WI 53717-1900

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Page_____of_____

Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-9

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
North Shore --	02/21/96	02/21/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location
State Plane 52.68 N, 64.15 E S/C/N
NE 1/4 of SW 1/4 of Sect. 12; T7N R8E

Lat 0 0 0
Long 0 0 0

Local Grid Location (if applicable)
52.68 Feet N 64.15 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	4	P P P P		Fine-medium tan/brown SAND	SP			11.2 ppm						8:25
	4	B P P P	10	Fine-medium tan/brown SAND w/little gravel				11.6 ppm						8:30
	4	B P P P		Fine-medium tan/brown SAND				11.7 ppm						8:35
	5	B P P P P	20	6" same as above over 1" fine brn SAND over 1" fine-medium tan/brown SAND	SP SP			32.9 ppm						8:40
	4	P P P P P		Fine tan/brown SAND	SP			30.3 ppm						8:50
		P	30											
			40											
			50											

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

Signature David Hart Firm Eder Associates, 8025 Excelsior Drive, Madison, WI 53717-1900

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION

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Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-10

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
North Shore --	02/21/96	02/21/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location	Lat 0 0 0	Local Grid Location (if applicable)
State Plane 49.59 N, 57.48 E S/C/N NE 1/4 of SW 1/4 of Sect. 12; T7N R8E	Long 0 0 0	49.59 Feet N 57.48 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	4	P P P P		Fine-medium tan/brown SAND	SP			15.0 ppm						9:10
	4	B P P P P	10	Same as above grading to fine-coarse SAND w/gravel	SW			17.7 ppm						9:15
	5	B P P P P P		9" fine-medium tan/brown SAND over 11" fine-coarse SAND w/gravel and silt	SP SW			29.7 ppm						9:20
	5	B P P P P P P	20	Fine tan/brown SAND. Bottom 8" grey w/odor	SP			1880 ppm						9:25
	5	P P P P P P P		Same as above w/odor.				714 ppm						9:30
		P	30											
			40											
			50											

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

Signature David Hart Firm Eder Associates, 8025 Excelsior Drive, Madison, WI 53717-1900

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

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Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-11

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
North Shore --	02/21/96	02/21/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location
State Plane 75.07 N, 31.11 E S/C/N
NE 1/4 of SW 1/4 of Section 12; T7N R8E

Lat 0 0 0
Long 0 0 0

Local Grid Location (if applicable)
75.07 Feet N 31.11 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	4	P P P P		Fine brown SAND	SP			272 ppm						9:45
	4	B P P P	10	Fine-medium brown SAND	SP			220 ppm						9:50
	4	B P P P		Same as above				156 ppm						9:55
	6	B P P P P P P P P	20	14" fine brown SAND over 10" SAND and GRAVEL	SP SW			1154 ppm						10:00
	6	P P P P P P P P		Fine tan/brown SAND	SP			55.1 ppm						10:10
	6	P P P P P	30	Same as above				1.2 ppm						10:45
			40											
			50	Same as above				1.0 ppm						11:10

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

Signature David Hart Firm Eder Associates, 8025 Excelsior Drive, Madison, WI 53717-1900

This form is authorized by Chapters 144.147 and 162, Wis. Stats. 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.

State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Page_____of_____

Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-12

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
North Shore --	02/21/96	02/21/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location		Local Grid Location (if applicable)
State Plane 69.33 N, 20.83 E S/C/N NE 1/4 of SE 1/4 of Sect. 12; T7N R8E	Lat 0 0 0 Long 0 0 0	69.33 Feet N 20.83 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
					SP									
	4	P P P P		Fine tan/brown SAND				10.7 ppm						12:30
	5	P P P P P	10	Fine-medium tan/brown SAND	SP			12.6 ppm						12:35
	5	P P P P P		Same as above				11.6 ppm						12:37
	5	P P P P P	20	6" fine SAND w/reddish layering over 14" SAND and GRAVEL	SP SW			35.1 ppm						12:40
	4	P P P P		Fine tan/brown SAND	SP			89.5 ppm						12:50
			30											
	6	P P P P		Same as above				10.6 ppm						1:05
			40											
			50											

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

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Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-13

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
North Shore --	02/21/96	02/21/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location	Lat 0 0 0	Local Grid Location (if applicable)
State Plane 42.69 N, 55.58 E S/C/N NE 1/4 of SW 1/4 of Sect. 12; T7N R8E	Long 0 0 0	42.69 Feet N 55.58 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	6	P P P P P P		Fine tan/brown SAND	SP			10.5 ppm						1:15
	5	P P P P P P	10	6" same as above over 14" SAND and GRAVEL	SW			9.4 ppm						1:20
	5	P P P P P P		Fine-coarse brown SAND	SW			4.8 ppm						1:25
	6	P P P P P P	20	Fine tan/brown SAND. Bottom 6" grey w/odor	SP			361 ppm						1:30
	6	P P P P P P		Same as above				1342 ppm						1:45
			30											
	6	P P P P		Same as above				8.5 ppm						1:55
			40											
			50											

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION

Form 4400-122 7-91

Page_____of_____

Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-14

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
North Shore --	02/21/96	02/21/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location
State Plane 52.68 N, 55.82 E S/C/N
NE 1/4 of SW 1/4 of Sect. 12; T7N R8E

Lat 0 0 0
Long 0 0 0

Local Grid Location (if applicable)
52.68 Feet N 55.82 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
					SP									
	3	P P P												2:15
	5	B B P P P	10	Fine-medium tan/brown SAND				7.5 ppm						2:20
	6	P P P P P	20	8" same as above over 8" grey sandy SILT over 8" SAND and GRAVEL. Silt appears saturated.	ML SW			1344 ppm						2:30
	6	P P P P P P		Fine tan/brown SAND	SP			12.8 ppm						2:45
			30	Same as above				10.8 ppm						3:00
			40											
			50											

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Page_____of_____

Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-15

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
North Shore --	02/21/96	02/21/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location		Local Grid Location (if applicable)
State Plane 69.57 N, 29.63 E S/C/N NE 1/4 of SW 1/4 of Sect. 12; T7N R8E	Lat 0 0 0 Long 0 0 0	69.57 Feet N 29.63 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
					SP									
	6	P P P P	10	Fine tan brown SAND										4:10
			20	6" grey silty SAND over 18" fine tan/brown SAND	SM/ML SP			1391 ppm						4:20
	6	P P P P	30	Same as above				13.7 ppm						4:30
				Same as above				33.2 ppm						4:40
			40											
			50											

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State of Wisconsin
Department of Natural Resources

Route To:
☐ Solid Waste ☐ Haz. Waste
☐ Emergency Response ☐ Underground Tanks
☐ Wastewater ☐ Water Resources
☐ Other_____

SOIL BORING LOG INFORMATION
Form 4400-122 7-91

Page_____of_____

Facility/Project Name	Licence/Permit/Monitoring Number	Boring Number
Hi-Way Dry Cleaners		GP-16

Boring Drilled By (Firm name and crew chief)	Date Drilling Started	Date Drilling Completed	Drilling Method
North Shore --	02/21/96	02/21/96	Geoprobe

DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
				0.00'	2.00in

Boring Location	Lat 0 0 0	Local Grid Location (if applicable)
State Plane 34.37 N, 55.34 E S/C/N NE 1/4 of SE 1/4 of Sect. 12; T7N R8E	Long 0 0 0	34.37 Feet N 55.34 Feet E

County	DNR County Code	Civil Town/City or Village
Dane	13	Middleton

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
					SP									
			10											
6		P P P P	20	Fine brown SAND				13.2 ppm						5:05
				Same as above. Possibly grey silt. Couldn't remove plastic sleeve from the sampler.				1585 ppm						5:15
			30											
			40											
			50											

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State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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: GP-1

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 ☒ N ☐ S; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Probehole not in use

Date of Abandonment: 1/23/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 1/23/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	17	1/3	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: Soil Essentials

Signature of Person Doing Work | Date Signed

Street or Route: 113 7th Avenue | Telephone Number: (608) 527-2355

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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: GP-2

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Probehole not in use

Date of Abandonment: 1/23/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original ~~Well/Drillhole~~/Borehole Construction Completed On

(Date) 1/23/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	17	1/3	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: Soil Essentials

Signature of Person Doing Work | Date Signed

Street or Route: 117 7th Avenue | Telephone Number: (608) 527-2355

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Followup Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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: GP-3

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Probehole not in use

Date of Abandonment: 1/23/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original ~~Well/Drillhole~~/Borehole Construction Completed On

(Date) 1/23/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, (Sacks) Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	17	1/3	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: Soil Essentials

Signature of Person Doing Work | Date Signed

Street or Route: 114 7th Avenue | Telephone Number: (608) 527-2355

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5B
Rev. 12-91

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: GP-4

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No.

Reason For Abandonment: Probehole not in use

Date of Abandonment: 1/23/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original ~~Well/Drillhole~~/Borehole Construction Completed On (Date) 1/23/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	17	1/2	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: Soil Essentials

Signature of Person Doing Work | Date Signed

Street or Route: 117 7th Avenue | Telephone Number: (608) 527-2355

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected | District/County

Reviewer/Inspector | ☐ Complying Work ☐ Noncomplying Work

Follow-up Necessary

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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: GP-5

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Probehole not in use

Date of Abandonment: 1/23/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 1/23/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	17	1/3	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: Soil Essentials

Signature of Person Doing Work | Date Signed

Street or Route: 117 7th Avenue | Telephone Number: (608) 527-2355

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5B Rev. 12-91

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: GP-6

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W (If applicable)

Gov't Lot _____ Grid Number _____

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No.

Reason For Abandonment: Probehole not in use

Date of Abandonment: 1/23/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original ~~Well/Drillhole~~/Borehole Construction Completed On (Date) 1/23/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	17	1/3	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work: Soil Essentials

Signature of Person Doing Work | Date Signed

Street or Route: 117 7th Avenue | Telephone Number: (608) 527-2355

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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: GP-7

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Probehole not in use

Date of Abandonment: 1/23/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 1/23/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks or Sealant Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	17	1/2	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
Soil Essentials

Signature of Person Doing Work | Date Signed

Street or Route: 117 7th Avenue | Telephone Number: (608) 527-2355

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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 GP-8

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Probehole not in use

Date of Abandonment: 1/23/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original ~~Well/Drillhole~~/Borehole Construction Completed On

(Date) 1/23/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, (Sacks) Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	17	1/3	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
Soil Essentials

Signature of Person Doing Work | Date Signed

Street or Route: 117 7th Avenue | Telephone Number: (608) 527-2355

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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: GP-9

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Probe hole Not in Use

Date of Abandonment: 2/21/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 2/21/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	27	1/2	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work: North Shore Environmental Construction

Signature of Person Doing Work | Date Signed

Street or Route: N117 W18493 Fulton Dr.
Telephone Number: (414) 255-4468
City, State, Zip: Germantown, WI 53022

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT
Form 3300-5B Rev. 12-91

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: GP-10

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Probe hole Not in Use

Date of Abandonment: 2/21/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 2/21/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, ~~Sacks~~ Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	27	½	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
North Shore Environmental Construction

Signature of Person Doing Work | Date Signed

Street or Route: N117 W18493 Fulton Dr.

Telephone Number: (414) 255-4468

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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: GP-11

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Probe hole Not in Use

Date of Abandonment: 2/21/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 2/21/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	2.7	1/2	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
North Shore Environmental Construction

Signature of Person Doing Work | Date Signed

Street or Route: N117 W18493 Fulton Dr.

Telephone Number: (414) 255-4468

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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 GP-12

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Probe hole Not in Use

Date of Abandonment: 2/21/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 2/21/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	36	½	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
North Shore Environmental Construction

Signature of Person Doing Work | Date Signed

Street or Route: N117W18493 Fulton Dr.
Telephone Number: (414) 255-4468

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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: GP-13

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable) | WI Unique Well No.

Reason For Abandonment: Probe hole Not in Use

Date of Abandonment: 2/21/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 2/21/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	36	½	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
North Shore Environmental Construction

Signature of Person Doing Work | Date Signed

Street or Route: N117 W18493 Fulton Dr.

Telephone Number: (414) 255-4468

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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: GP-14

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Probe hole Not in Use

Date of Abandonment: 2/21/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 2/21/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	36	½	

(8) Comments:

(9) Name of Person or Firm Doing Sealing Work
North Shore Environmental Construction

Signature of Person Doing Work | Date Signed

Street or Route: N117W18493 Fulton Dr.
Telephone Number: (414) 255-4468

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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: GP-15

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable)

WI Unique Well No.

Reason For Abandonment: Probe hole Not in Use

Date of Abandonment: 2/21/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 2/21/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	36	½	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
North Shore Environmental Construction

Signature of Person Doing Work | Date Signed

Street or Route: N117W18493 Fulton Dr.

Telephone Number: (414) 255-4468

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5B Rev. 12-91

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: GP-16

County: Dane

NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N; R. 8 ☒ E ☐ W

(If applicable) _____ Gov't Lot _____ Grid Number

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

Civil Town Name: Middleton

Street Address of Well: 6619 University Avenue

City, Village: Middleton

(2) FACILITY NAME

Original Well Owner (If Known)

Present Well Owner

Street or Route

City, State, Zip Code

Facility Well No. and/or Name (If Applicable)

WI Unique Well No. _ _ _ _ _ _

Reason For Abandonment: Probe hole, Not in Use

Date of Abandonment: 2/21/96

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 2/21/96

☐ 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.) _____ Casing Diameter (ins.) _____
(From groundsurface)

Casing Depth (ft.) _____

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 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)

(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

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular Bentonite	Surface	26	½	

(8) Comments: _____

(9) Name of Person or Firm Doing Sealing Work
North Shore Environmental Construction

Signature of Person Doing Work | Date Signed

Street or Route: N117 W18493 Fulton Dr.

Telephone Number: (414) 255-4468

(10) FOR DNR OR COUNTY USE ONLY

Date Received/Inspected	District/County
Reviewer/Inspector	☐ Complying Work ☐ Noncomplying Work
Follow-up Necessary	