

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 ...

GANNETT FLEMING, INC.

8025 Excelsior Drive Madison, WI 53717-1900

Office: (608) 836-1500 Fax: (608) 831-3337

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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

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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

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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.

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- 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

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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

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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 (MICROTIPTM CALIBRATED TO 100 PPM ISOBUTYLENE)

	Depth (ft)							
Boring ID	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

	Depth (ft)							
Boring ID	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

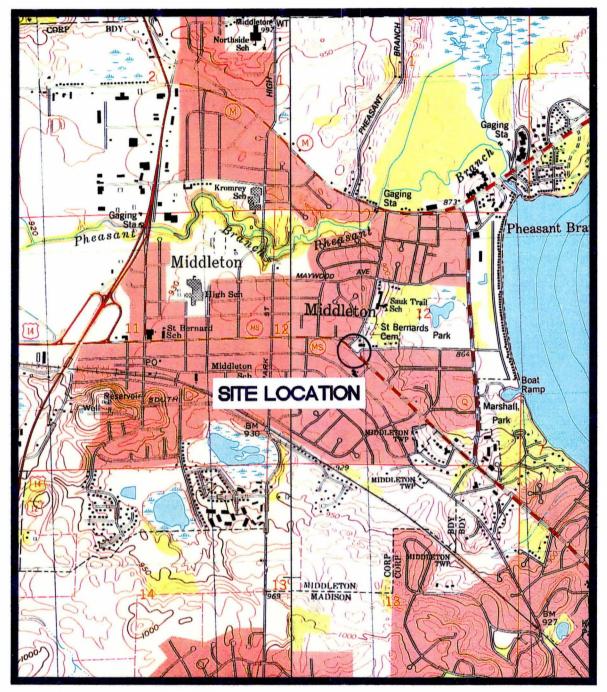
TABLE 3

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

	Depth (ft)						
Boring ID	5	10	15	20	25	35	50
GP-9				<5.0	<5.0		
GP- 10		<5.0	1	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

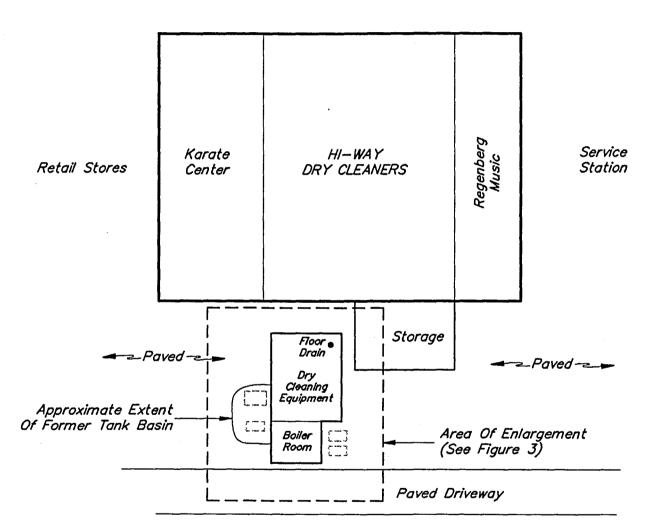


LOCATION MAP

HI-WAY DRY CLEANERS
MIDDLETON, WISCONSIN



UNIVERSITY AVENUE



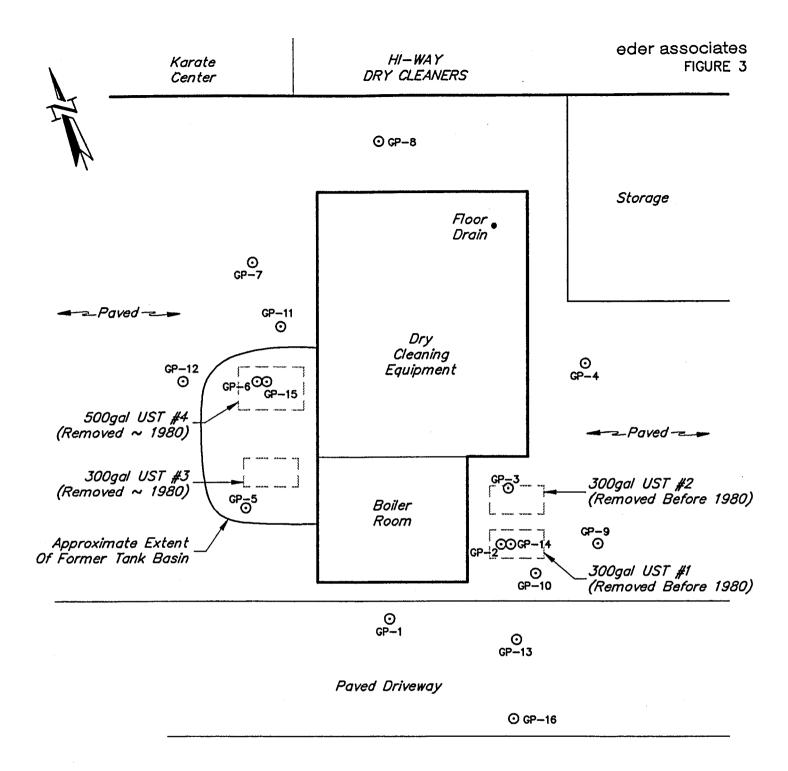
LEGEND

Former Location Of 300 And 500gal USTs

Residential



SITE PLAN
HI-WAY DRY CLEANERS
MIDDLETON, WISCONSIN



LEGEND

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



GEOPROBE SAMPLING LOCATIONS

HI-WAY DRY CLEANERS
MIDDLETON, WISCONSIN

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)



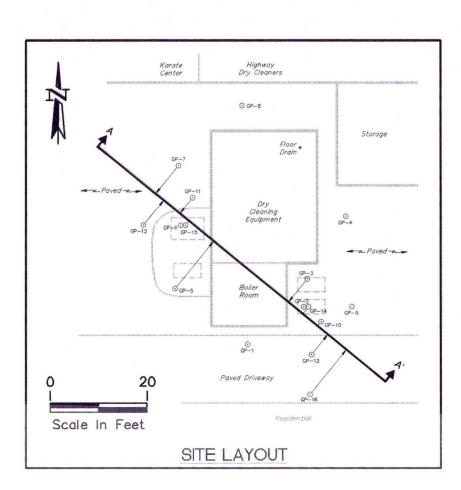
Geologic Contact (Dashed Where Inferred)

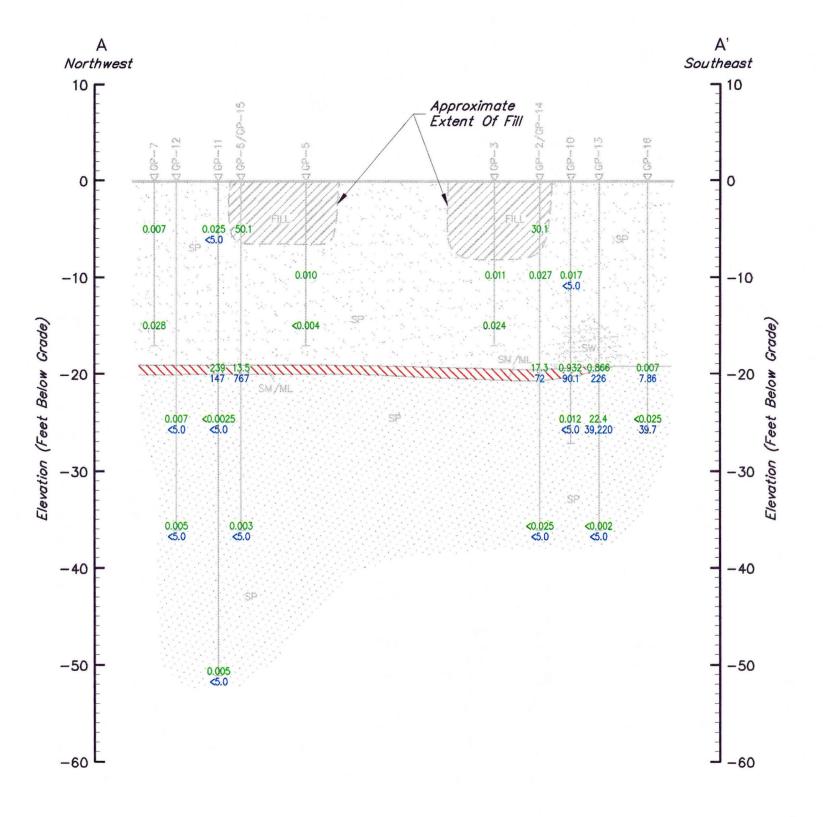
147

Mineral Spirits (Stoddard Solvent) Concentrations By California Method (mg/kg)

239

Tetrachloroethylene (PCE) Concentrations (mg/kg)

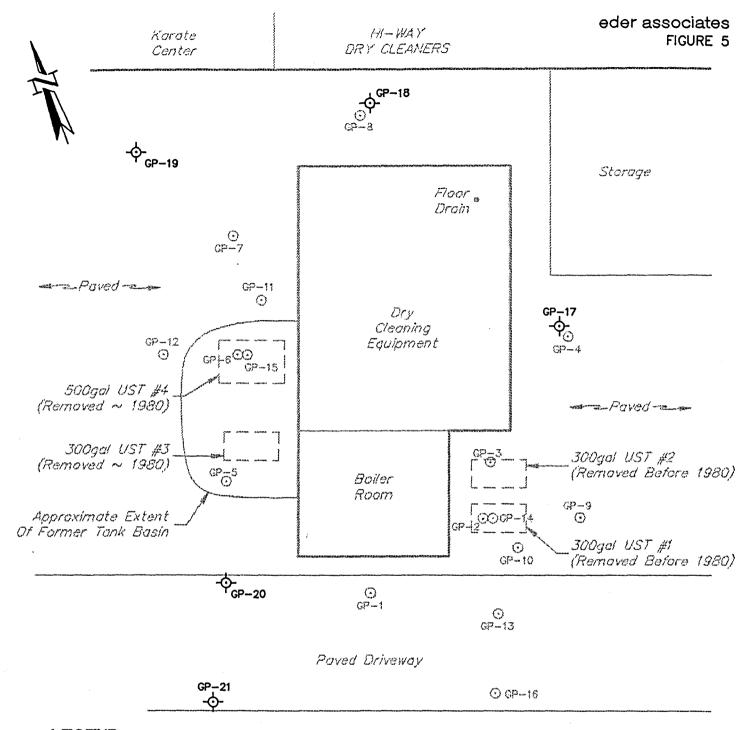




Horizontal Scale: 1" = 10' Vertical Scale: 1" = 10' Vertical Exaggeration: 1x

CROSS SECTION A-A' WITH SOIL SAMPLING RESULTS

HY-WAY DRY CLEANERS MIDDLETON, WISCONSIN



LEGEND

Proposed Geoprobe Sampling Location

Residential

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

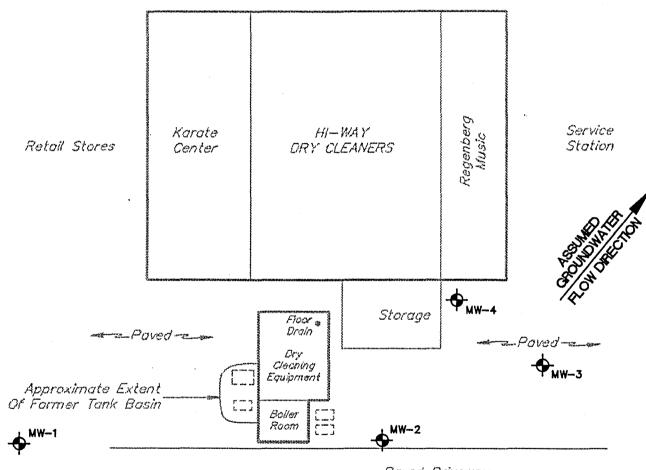


PROPOSED GEOPROBE SAMPLING LOCATIONS

HI-WAY DRY CLEANERS MIDDLETON, WISCONSIN



UNIVERSITY AVENUE



Paved Driveway

LEGEND



Proposed Groundwater Monitoring Well Location

Residential

[=] Former Location Of 300 And 500gal USTs



PROPOSED GROUNDWATER MONITORING WELL LOCATIONS

HI-WAY DRY CLEANERS
MIDDLETON, WISCONSIN

ATTACHMENT A

LABORATORY REPORTS AND THE CHAIN OF CUSTODY FOR THE SOIL SAMPLES



February 8, 1996

Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900

EDER ASSOC. MADISON, WI FEB 1 2 1996 552-1 FILE NO. SLM ORG CFK DJO

ENVIRONMENTAL AND ANALYTICAL SERVICES

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. Eulionskie Laurie M. Pietrowski Analytical Chemist



Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900

Attn: Dave Hart/ Aubrey Fowler

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

REVIEWED BY:

	Units	Reporting Limit	GP1-10 01/23/96	Qualifiers	Date Analyze
PA 160.3					
Total Solids	%		97.85		01/26/9
PA 8021_					
Benzene	mg/kg	0.0009	X		01/26/9
Bromobenzene	mg/kg	0.0024	X		01/26/9
Bromodichloromethane	mg/kg	0.0024	X		01/26/9
n-Butylbenzene	mg/kg	0.0046	X		01/26/9
sec-Butylbenzene	mg/kg	0.0046	X		01/26/9
tert-Butylbenzene	mg/kg	0.0046	0.00470		01/26/9
Carbon Tetrachloride	mg/kg	0.0024	X		01/26/9
Chlorobenzene	mg/kg	0.009	X		01/26/9
Chlorodibromomethane	mg/kg	0.0024	X		01/26/9
Chloroethane	mg/kg	0.009	X		01/26/9
Chloroform	mg/kg	0.0024	X		01/26/9
Chloromethane	mg/kg	0.009	X	CSL	01/26/9
o-Chlorotoluene	mg/kg	0.0046	X		01/26/9
o-Chlorotoluene	mg/kg	0.0046	X		01/26/9
1,2-Dibromo-3-chloropropane		0.061	X		01/26/9
1,2-Dibromoethane	mg/kg	0.0046	X		01/26/9
1,2-Dichlorobenzene	mg/kg	0.0046	X		01/26/9
1,2-Dichlorobenzene	mg/kg	0.0046	X		01/26/9
			X	CCII	
L,4-Dichlorobenzene	mg/kg	0.0024	X	CSH	01/26/9
Dichlorodifluoromethane	mg/kg	0.009		CSL	01/26/9
,1-Dichloroethane	mg/kg	0.0024	X		01/26/9
1,2-Dichloroethane	mg/kg	0.0024	X		01/26/9
L,1-Dichloroethylene	mg/kg	0.0018	X		01/26/9
cis-1,2-Dichloroethylene	mg/kg	0.0024	X		01/26/9
rans-1,2-Dichloroethylene	mg/kg	0.0024	X		01/26/9
,2-Dichloropropane	mg/kg	0.0024	X		01/26/9
,3-Dichloropropane	mg/kg	0.0024	X		01/26/9
2,2-Dichloropropane	mg/kg	0.009	X		01/26/9
Ethylbenzene	mg/kg	0.0046	X		01/26/9
Hexachlorobutadiene	mg/kg	0.0046	X		01/26/9
Isopropylbenzene	mg/kg	0.0046	X	CSH	01/26/9
Isopropyl Ether	mg/kg	0.0046	X		01/26/9
-Isopropyltoluene	mg/kg	0.0046	X		01/26/9
Methyl tert Butyl Ether	mg/kg	0.009	X		01/26/9
Methylene Chloride	mg/kg	0.011	X		01/26/9
Naphthalene	mg/kg	0.0046	X		01/26/9
n-Propylbenzene	mg/kg	0.0046	X		01/26/9
Tetrachloroethylene	mg/kg	0.0024	0.00531		01/26/9
1,1,2,2-Tetrachloroethane	mg/kg	0.0046	X		01/26/9
Toluene	mg/kg	0.009	X		01/26/9
1,2,3-Trichlorobenzene	mg/kg	0.0046	X		01/26/9
1,2,4-Trichlorobenzene	mg/kg	0.0046	X		01/26/9

Analytical No.:

59290

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





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?m(
REVIEWED BY: \\n/

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



CUST NUMBER: 1552-1

SAMPLED BY: Client

DATE REC'D: 01/25/96

Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900

REPORT DATE: 02/08/96
PREPARED BY: LMP my
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	mq/kq	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		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	CDI	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	0.0014	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	0.0018	X		01/26/96
Ethylbenzene	mg/kg	0.0071	X		01/26/96
Hexachlorobutadiene	mg/kg	0.0036	X		01/26/96
Isopropylbenzene	mg/kg	0.0036	X	CCII	
Isopropyl Ether	mg/kg	0.0036	X	CSH	01/26/96
		0.0036	X		01/26/96
p-Isopropyltoluene	mg/kg		X		01/26/96
Methyl tert Butyl Ether	mg/kg	0.0071	X		01/26/96
Methylene Chloride	mg/kg	0.009			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.

Ill analyses conducted in accordance with Enviroscan Quality Assurance Program. viroscan Corp., 303 West Military Rd., Rothschild, WI 54474 1/800/338-SCAN Wisconsin Lab Certification No. 737053130



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)m(
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



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 2000 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 I	UP01/30/96
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		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	002 012	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	DIL	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	CCI CDI D	UP01/30/96
Methylene Chloride	mg/kg	0.11	X	בסם סבם ב	01/30/96
Naphthalene	mg/kg	0.11	X		
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 X		01/30/96
Toluene	mg/kg	0.11	X		01/30/96
1,2,3-Trichlorobenzene	٠, ٥	0.11			01/30/96
1,2,4-Trichlorobenzene	mg/kg	0.11	X X		01/30/96
-, -, 1 III CHILOTODEHZEHE	mg/kg	0.11	Λ		01/30/96

Analytical No.:

59292

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





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/r/
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



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/m/

REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP2-15 01/23/96	Qualifiers	Date Analyzed
EPA 160.3	•		00.04		01/20/06
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	DIN DOI	01/29/96
Chloroform	mg/kg	0.0018	X		01/29/96
Chloromethane	mg/kg	0.0013	X	CSL	01/29/96
o-Chlorotoluene	mg/kg	0.0075	X	SPH	01/29/96
p-Chlorotoluene	mg/kg	0.0036	X	SPH DUP	01/29/96
		0.049	X	SPR DOP	01/29/96
1,2-Dibromo-3-chloropropane			X	CDII DIID	
1,2-Dibromoethane	mg/kg	0.0036	X	SPH DUP	01/29/96
1,2-Dichlorobenzene	mg/kg	0.0036	(5.5)	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
	.57			2111 201	01/20/00

Analytical No.:

59293

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

ll analyses conducted in accordance with Enviroscan Quality Assurance Program.

—viroscan Corp., 303 West Military Rd., Rothschild, WI 54474 1/800/338-SCAN Wisconsin Lab Certification No. 737053130



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?m'
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



Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900

Attn: Dave Hart/ Aubrey Fowler

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

REVIEWED BY:

	Units	Reporting Limit	GP3-10 01/23/96	Qualifiers	Date Analyzed
EPA 160.3					
Total Solids	क्ष	- 1	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	Х	SPH	01/29/96
p-Chlorotoluene	mg/kg	0.0034	X	SPH DUP	01/29/96
1,2-Dibromo-3-chloropropand		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	002	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		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	0.0017	X	SFH DOF	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
	mg/kg	0.0034	X	SPL DUP	01/29/96
Isopropyl Ether	mg/kg	0.0034	X	SPL DOP	
p-Isopropyltoluene	mg/kg	0.0034	X	CDI DIID	01/29/96
Methyl tert Butyl Ether			X	SPL DUP	01/29/96
Methylene Chloride	mg/kg	0.0086			01/29/96
Naphthalene	mg/kg	0.0034	X		01/29/96
n-Propylbenzene	mg/kg	0.0034	X	CDII	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.

Il analyses conducted in accordance with Enviroscan Quality Assurance Program. hviroscan Corp., 303 West Military Rd., Rothschild, WI 54474 1/800/338-SCAN Wisconsin Lab Certification No. 737053130





Eder Associates

8025 Excelsior Drive

Madison, WI 53717-1900

DATE

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



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 MREVIEWED BY: LMP

Attn: Dave Hart/ Aubrey Fowler

					1	
		Reporting	GP3-15		Date	
_	Units	Limit	01/23/96	<u>Qualifiers</u>	Analyzed	
EPA 160.3						
Total Solids	ુ		98.51		01/30/96	
Total Solids	0		30.31		01/30/30	
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	DIN DOI	01/29/96	
Chloroform	mg/kg	0.0018	X		01/29/96	
Chloromethane	mg/kg	0.0018	X	CSL	01/29/96	
o-Chlorotoluene		0.0071	X	SPH		
	mg/kg		X		01/29/96	
p-Chlorotoluene	mg/kg	0.0036		SPH DUP	01/29/96	
1,2-Dibromo-3-chloropropane		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	222 201	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	0.0071	X	SPH DUP	01/29/96	
1,2,4-Trichlorobenzene	mg/kg	0.0036	X	SPH DUP		
,,_	9/12	0.0030	Λ	SFR DUP	01/29/96	

Analytical No.:

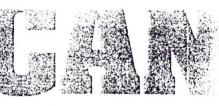
59295

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

ll analyses conducted in accordance with Enviroscan Quality Assurance Program.

nviroscan Corp., 303 West Military Rd., Rothschild, WI 54474 1/800/338-SCAN Wisconsin Lab Certification No. 737053130





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 me

REVIEWED BY: 10

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP3-15 01/23/96	<u>Qualifiers</u>	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



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/m/
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

				<i>D</i> '		
,	IInita	Reporting	GP4-9	Ouglifiers	Date	
	Units	Limit	01/23/96	<u>Qualifiers</u>	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		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

 ${\tt X}={\tt Analyzed}$ but not detected. Results calculated on a dry weight basis.

All analyses conducted in accordance with Enviroscan Quality Assurance Program.



Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900

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	Х		01/29/96

Analytical No.:

59296



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: LMPhm?
REVIEWED BY: \\(\(\lambda\)\(\lambda\)

Attn: Dave Hart/ Aubrey Fowler

Distable						/	
EPA 160.3 Total Solids		** '.			01151		
EPA 8021 Benzene		Units	Limit	01/23/96	Qualifiers	Analyzed	
EPA 8021 Benzene	EPA 160.3						
Benzene		%		95.07		01/30/96	
Benzene	EPA 8021						
Bromodichloromethane		mg/kg	0.0007	X	SPL DUP	01/29/96	
n-Butylbenzene mg/kg 0.0039 X 01/29/96 sec-Butylbenzene mg/kg 0.0039 X 01/29/96 Carbon Tetrachloride mg/kg 0.002 X 01/29/96 Chlorobenzene mg/kg 0.002 X DUP 01/29/96 Chlorodibromomethane mg/kg 0.002 X SPH DUP 01/29/96 Chloroform mg/kg 0.002 X SPH DUP 01/29/96 Chloroform mg/kg 0.0078 X SPH DUP 01/29/96 Chloromethane mg/kg 0.0078 X SPH DUP 01/29/96 Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 p-Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 1,2-Dibromoethane mg/kg 0.0052 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		mg/kg	0.002	X		01/29/96	
n-Butylbenzene mg/kg 0.0039 X 01/29/96 sec-Butylbenzene mg/kg 0.0039 X 01/29/96 Carbon Tetrachloride mg/kg 0.002 X 01/29/96 Chlorobenzene mg/kg 0.002 X DUP 01/29/96 Chlorodibromomethane mg/kg 0.002 X SPH DUP 01/29/96 Chloroform mg/kg 0.002 X SPH DUP 01/29/96 Chloroform mg/kg 0.0078 X SPH DUP 01/29/96 Chloromethane mg/kg 0.0078 X SPH DUP 01/29/96 Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 p-Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 1,2-Dibromoethane mg/kg 0.0052 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		·	0.002	X	SPH	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 DUP 01/29/96 Chlorobenzene mg/kg 0.002 X SPH DUP 01/29/96 Chloroethane mg/kg 0.002 X SPH DUP 01/29/96 Chloroform mg/kg 0.0078 X CSL 01/29/96 01/29/96 Chloroform mg/kg 0.0078 X CSL 01/29/96 01/29/96 Chlorotoluene mg/kg 0.0078 X CSL 01/29/96 0-Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 o-Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 0-Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 1,2-Dichlorobenzene mg/kg 0.0039 X SPH DUP 01/29/96 1,2-Dichlorobenzene mg/kg 0.0039 X SPH DUP 01/29/96		J J	0.0039	X			
tert-Butylbenzene mg/kg 0.0039 X 01/29/96 Carbon Tetrachloride mg/kg 0.002 X 01/29/96 Chlorodenzene mg/kg 0.0078 X DUP 01/29/96 Chlorodibromomethane mg/kg 0.002 X SPH DUP 01/29/96 Chloroform mg/kg 0.002 X 01/29/96 Chlorotoluene mg/kg 0.0078 X CSL 01/29/96 Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 p-Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 1,2-Dibromoethane mg/kg 0.0039 X SPH DUP 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 1,4-Dichlorobenzene mg/kg 0.002	•			X		01/29/96	
Carbon Tetrachloride mg/kg 0.002 X DUP 01/29/96 Chlorobenzene mg/kg 0.0078 X DUP 01/29/96 Chlorodibromomethane mg/kg 0.002 X SPH DUP 01/29/96 Chlorocthane mg/kg 0.002 X SPH DUP 01/29/96 Chlorocthane mg/kg 0.0078 X 01/29/96 Chloroform 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 O-Chlorotoluene mg/kg 0.0039 X SPH 01/29/96 1,2-Dibromo-3-chloropropane mg/kg 0.0039 X SPH DUP 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 1,2-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 0.0039 X SPH DUP 01/29/96 1,4-Dichlorobenzene mg/kg 0.0039 X SPH DUP 01/29/96 1,1-Dichloroethane mg/kg 0.002 X SPH DUP 01/29/96 1,1-Dichloroethane mg/kg 0.002 X SPH DUP 01/29/96 1,1-Dichloroethane mg/kg 0.002 X CSL 01/29/96 1,1-Dichloroethylene mg/kg 0.002 X 01/29/96 1,1-Dichloroethylene mg/kg 0.002 X 01/29/96 1,2-Dichloroethylene mg/kg 0.002 X 01/29/96 Cis-1,2-Dichloroethylene mg/kg 0.002 X 01/29/96 1,3-Dichloropropane mg/kg 0.002 X SPL DUP 01/29/96 SEthylbenzene mg/kg 0.0039 X 01/29/96 Ethylbenzene mg/kg 0.0039 X SPL DUP 01/29/96 Ethylbenzene mg/kg 0.0039 X SPL DUP 01/29/96 Isopropylbenzene mg/kg 0.0039 X SPL DUP 01/29/96 Methyl tert Butyl Ether mg/kg 0.0039 X SPL DUP 01/29/96 Methyl tert Butyl Ether mg/kg 0.0039 X SPL DUP 01/29/96 Methyl tert Butyl Ether mg/kg 0.0039 X SPL DUP 01/29/96 Methyl tert Butyl Ether mg/kg 0.0039 X SPL DUP 01/29/96 Methyl tert Butyl Ether mg/kg 0.0039 X SPL DUP 01/29/96 Methyl tert Butyl Ether mg/kg 0.0039 X SPL DUP 01/29/96 Methyl tert Butyl Ether mg/kg 0.0039 X SPL DUP 01/29/96 Naphthalene mg/kg 0.0039 X SPL 01/29/96 Naphthalen				X			
Chlorobenzene mg/kg 0.0078 X SPH DUP 01/29/96 Chlorodibromomethane mg/kg 0.002 X SPH DUP 01/29/96 Chlorothane mg/kg 0.0078 X 01/29/96 Chloroform mg/kg 0.002 X 01/29/96 Chloroform mg/kg 0.002 X 01/29/96 Chloromethane mg/kg 0.0078 X SPH DUP 01/29/96 Chlorothane mg/kg 0.0039 X SPH 01/29/96 p-Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 p-Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 1,2-Dibromo-3-chloropropane mg/kg 0.0039 X SPH DUP 01/29/96 1,2-Dibromoethane mg/kg 0.0039 X SPH DUP 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 0.0039 X SPH DUP 01/29/96 1,4-Dichlorobenzene mg/kg 0.002 X SPH DUP 01/29/96 Dichlorodifluoromethane mg/kg 0.002 X SPH DUP 01/29/96 1,1-Dichloroethane mg/kg 0.002 X SPH DUP 01/29/96 1,1-Dichloroethane mg/kg 0.002 X 01/29/96 1,2-Dichloroethylene mg/kg 0.002 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 1,3-Dichloropropane mg/kg 0.002 X SPL DUP 01/29/96 1,3-Dichloropropane mg/kg 0.003 X SPL DUP 01/29/96 Isopropylbenzene mg/kg 0.0039 X 01/29/96 Isopropylbenzene mg/kg 0.0039 X SPL DUP 01/29/96 Isopropylbenzene mg/kg 0.0039 X SPL DUP 01/29/96 Methylene Chloride mg/kg 0.0039 X SPL DUP 01/29/96 Methylene Chloride mg/kg 0.0039 X SPL DUP 01/29/96 Naphthalene mg/kg 0.0039 X SPL DUP 01/29/96 Naphthal		J. J					
Chlorodibromomethane mg/kg 0.002 X SPH DUP 01/29/96 Chloroethane mg/kg 0.0078 X 01/29/96 Chloroethane mg/kg 0.0078 X 01/29/96 Chloromethane mg/kg 0.002 X 01/29/96 Chloromethane mg/kg 0.0078 X CSL 01/29/96 Chloromethane 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 0.0039 X SPH DUP 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 1,3-Dichlorobenzene mg/kg 0.0039 X SPH DUP 01/29/96 1,3-Dichlorobenzene mg/kg 0.002 X SPH DUP 01/29/96 1,1-Dichloroethane mg/kg 0.002 X SPH DUP 01/29/96 1,1-Dichloroethane mg/kg 0.002 X SPH 01/29/96 1,1-Dichloroethylene mg/kg 0.002 X 01/29/96 1,1-Dichloroethylene mg/kg 0.002 X 01/29/96 cis-1,2-Dichloroethylene mg/kg 0.002 X 01/29/96 cis-1,2-Dichloropane mg/kg 0.002 X 01/29/96 cis-1,2-Dichloropane mg/kg 0.002 X 01/29/96 1,3-Dichloropopane mg/kg 0.002 X SPL DUP 01/29/96 1,3-Dichloropopane mg/kg 0.002 X SPL DUP 01/29/96 1,3-Dichloropopane mg/kg 0.002 X SPL DUP 01/29/96 1,3-Dichloropopane mg/kg 0.0039 X 01/29/96 1.50propylbenzene mg/kg 0.0039 X SPL DUP 01/29/96 1.50propylbenzene mg/kg 0.0039 X SPL DUP 01/29/96 1.50propylbenzene mg/kg 0.0039 X SPL DUP 01/29/96 1.50propyltoluene mg/kg 0.0039 X SPL DUP 01/29/96 Nethylene Chloride mg/kg 0.0039 X SPL DUP 01/29/96 Naphthalene mg/kg 0.0039 X SPL 01/29/96 Nap		J		X	DUP		
Chloroethane mg/kg 0.0078 X 01/29/96 Chloroform mg/kg 0.002 X 01/29/96 Chloromethane mg/kg 0.002 X CSL 01/29/96 O-Chlorotoluene mg/kg 0.0039 X SPH 01/29/96 D-Chlorotoluene mg/kg 0.0039 X SPH DUP 01/29/96 1,2-Dibromo-3-chloropropane mg/kg 0.0039 X SPH DUP 01/29/96 1,2-Dibromoethane mg/kg 0.0039 X SPH DUP 01/29/96 1,2-Dibromoethane mg/kg 0.0039 X SPH DUP 01/29/96 1,3-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 0.0039 X SPH DUP 01/29/96 1,1-Dichloroethane mg/kg 0.002 X SPH DUP 01/29/96 1,1-Dichloroethane mg/kg 0.002 X SPH 01/29/96 1,1-Dichloroethane mg/kg 0.002 X SPH 01/29/96 1,1-Dichloroethane mg/kg 0.002 X 01/29/96 1,1-Dichloroethylene mg/kg 0.002 X 01/29/96 1,2-Dichloroethylene mg/kg 0.002 X 01/29/96 1,2-Dichloroethylene mg/kg 0.002 X 01/29/96 1,2-Dichloroethylene mg/kg 0.002 X 01/29/96 1,3-Dichloroptopane mg/kg 0.002 X 01/29/96 1,3-Dichloroptopane mg/kg 0.002 X 01/29/96 1,3-Dichloroptopane mg/kg 0.002 X SPL DUP 01/29/96 1,3-Dichloroptopane mg/kg 0.0039 X 01/29/96 Sethylbenzene mg/kg 0.0039 X SPL DUP 01/29/96 Isopropylbenzene mg/kg 0.0039 X SPL DUP 01/29/96 Isopropylbenzene mg/kg 0.0039 X SPL DUP 01/29/96 Methyl tert Butyl Ether mg/kg 0.0039 X SPL DUP 01/29/96 Methylene Chloride mg/kg 0.0039 X SPL DUP 01/29/96 Methylene Chloride mg/kg 0.0039 X SPL DUP 01/29/96 Tetrachloroethylene mg/kg 0.0039 X SPL 01/29/96 Tetrachloroethylene mg/kg 0.0039 X SPL 01/29/96 Tetrachloroethylen		J J					
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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		0., 0					
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	-	-					
1,1,2,2-Tetrachloroethane mg/kg 0.0039 X SPL 01/29/96	~ -	٥., ٥			CDU		
1014C11C 1110/AU 0.00/0 A 1111D (11/79/96		J., J					
1.5		J., J				and the second s	
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		J. J					

Analytical No.:

59297

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

all analyses conducted in accordance with Enviroscan Quality Assurance Program.

nviroscan Corp., 303 West Military Rd., Rothschild, WI 54474 1/800/338-SCAN Wisconsin Lab Certification No. 737053130



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)m?
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



Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900

SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP ///

CUST NUMBER: 1552-1

REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	Reporting		GP5-10		Date	
_	Units	_ Limit	01/23/96	<u>Qualifiers</u>	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-chloropropan		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	0.0022	X	CSL	01/29/96	
1,1-Dichloroethane	mg/kg	0.0022	X	CDI	01/29/96	
1,2-Dichloroethane	mg/kg	0.0022	X		01/29/96	
1,1-Dichloroethylene	mg/kg	0.0022	X		01/29/96	
cis-1,2-Dichloroethylene	mg/kg	0.0018	X		01/29/96	
trans-1,2-Dichloroethylene		0.0022	X			
1,2-Dichloropropane	mg/kg	0.0022	X		01/29/96	
1,3-Dichloropropane	mg/kg	0.0022	X	SPL DUP	01/29/96	
	٠. ٥		X	SPL DOP	01/29/96	
2,2-Dichloropropane	mg/kg	0.0087			01/29/96	
Ethylbenzene	mg/kg	0.0044	X X		01/29/96	
Hexachlorobutadiene	mg/kg	0.0044	X		01/29/96	
Isopropylbenzene	mg/kg	0.0044		ant nun	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.

Il analyses conducted in accordance with Enviroscan Quality Assurance Program.

nviroscan Corp., 303 West Military Rd., Rothschild, WI 54474 1/800/338-SCAN Wisconsin Lab Certification No. 737053130





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

Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP5-10 01/23/96	Qualifiers	Date <u>Analyzed</u>
1,2,4-Trichlorobenzene	mg/kg	0.0044	х	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



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 ml
REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

					<i>p</i> ·	
		Reporting	GP5-15		Date	
	Units	_ <u>Limit</u>	01/23/96	<u>Qualifiers</u>	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	OLL DOI	01/30/96	
Methyl tert Butyl Ether	mg/kg	0.0077	X	S1L DUP	01/30/96	
Methylene Chloride	mg/kg	0.01	X	OIL DOI	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	
, ,	7 / 1.5	0.0055	21	DIII DUP	01/20/30	

Analytical No.:

59299

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

Il analyses conducted in accordance with Enviroscan Quality Assurance Program.

Liviroscan Corp., 303 West Military Rd., Rothschild, WI 54474 1/800/338-SCAN Wisconsin Lab Certification No. 737053130





Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900 CUST NUMBER: 1552-1
SAMPLED BY: Client
DATE REC'D: 01/25/96
REPORT DATE: 02/98/96
PREPARED BY: LMP/nd
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	х		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	Х		01/30/96

Analytical No.:

59299



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	Qualifier	Date <u>S Analyzed</u>
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	012	02/06/96
p-Chlorotoluene	mg/kg	5.3	X		02/06/96
1,2-Dibromo-3-chloropropane	J.,. J	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	
1,1-Dichloroethane	mg/kg	5.3	X	CSL SPL	02/06/96
The state of the s		5.3	X		02/06/96
1,2-Dichloroethane	mg/kg	5.3	X	CDT	02/06/96
1,1-Dichloroethylene	mg/kg	5 2 5	X	SPL	02/06/96
cis-1,2-Dichloroethylene	mg/kg	5.3			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		DUP02/06/96
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.

All analyses conducted in accordance with Enviroscan Quality Assurance Program.

Enviroscan Corp., 303 West Military Rd., Rothschild, WI 54474 1/800/338-SCAN Wisconsin Lab Certification No. 737053130





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}m?
REVIEWED BY: \{\}

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP6-5 01/23/96	Qualifiers	Date Analyzed	,
1,1,1-Trichloroethane	mg/kg	5.3	х	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



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 my?
REVIEWED BY: \\(\lambda\)

Attn: Dave Hart/ Aubrey Fowler

Reporting	-					/// 0
Page		Ilnita			Oualifiers	
Denzene	_	UIIICS	Пішіс	01/25/50	Qualificis	MIGLYZCU
Benzene	EPA 160.3					
Benzene	Total Solids	૾	-	91.24		01/30/96
Bromobenzene	EPA 8021_					
Bromodichloromethane					SPL DUP	The second secon
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 0.002 X DUP 01/29/96 Chlorobenzene mg/kg 0.0077 X DUP 01/29/96 Chlorodibromomethane mg/kg 0.002 X SPH DUP 01/29/96 Chlorodibromomethane mg/kg 0.002 X SPH DUP 01/29/96 Chloroform mg/kg 0.002 X 01/29/96 Chloromethane mg/kg 0.002 X 01/29/96 Chloromethane mg/kg 0.0077 X CSL 01/29/96 Chloromethane mg/kg 0.0038 X SPH DUP 01/29/96 O-Chlorotoluene mg/kg 0.0038 X SPH DUP 01/29/96 p-Chlorotoluene mg/kg 0.0038 X SPH DUP 01/29/96 1,2-Dibromo-3-chloropropane mg/kg 0.0038 X SPH DUP 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 1,3-Dichlorobenzene mg/kg 0.0038 X SPH DUP 01/29/96 1,3-Dichlorobenzene mg/kg 0.0038 X SPH DUP 01/29/96 1,1-Dichloroethane mg/kg 0.002 X SPH DUP 01/29/96 1,1-Dichloroethane mg/kg 0.002 X 01/29/96 1,1-Dichloroethane mg/kg 0.002 X 01/29/96 1,1-Dichloroethylene mg/kg 0.002 X 01/29/96 1,1-Dichloropopane mg/kg 0.002 X 01/29/96 1,1-Dichloropopane mg/kg 0.002 X 01/29/96 1,2-Dichloropopane mg/kg 0.002 X 01/29/96 1,1-Dichloroethylene mg/kg 0.002 X 01/29/96 1,2-Dichloropopane mg/kg 0.002 X SPL DUP 01/29/96 SEhylbenzene mg/kg 0.0038 X 01/29/96 Methyl tert Butyl Ether mg/kg 0.0038 X 01/29/96 Methyl tert Butyl Ether mg/kg 0.0038 X 01/29/96 Methylene Chloride mg/kg 0.0038 X 01/29/96 Methylene Chloride mg/kg 0.0038 X 01/29/96 Methylene Chloride mg/kg 0.0038 X SPL DUP 01/29/96 Naphthalene mg/kg 0.0038 X SPL DUP 01/29/96 Naphthalene mg/kg 0.0038 X SPL DUP 01/29/96 Naphthalene mg/kg 0.0038 X SPL DUP 01/29/96	11/2 12 12/2 12/2 12/2 12/2 12/2 12/2 1	3. 3				
sec-Butylbenzene mg/kg 0.0038 X 01/29/96 Carbon Tetrachloride mg/kg 0.0038 X 01/29/96 Carbon Tetrachloride mg/kg 0.002 X DUP 01/29/96 Chlorobenzene mg/kg 0.0077 X DUP 01/29/96 Chlorocthane mg/kg 0.002 X SPH DUP 01/29/96 Chloroform mg/kg 0.0077 X CSL 01/29/96 Chloroctoluene mg/kg 0.0038 X SPH DUP 01/29/96 Chlorotoluene mg/kg 0.0038 X SPH DUP 01/29/96 p-Chlorotoluene mg/kg 0.0038 X SPH DUP 01/29/96 1,2-Dibromoethane mg/kg 0.052 X SPH DUP 01/29/96 1,2-Dichlorobenzene mg/kg 0.0038 X SPH DUP 01/29/96 1,4-Dichlorobenzene mg/kg 0.0038 X SPH <td< td=""><td></td><td></td><td></td><td></td><td>SPH</td><td>The second secon</td></td<>					SPH	The second secon
tert-Butylbenzene mg/kg 0.0038 X 01/29/96 Carbon Tetrachloride mg/kg 0.002 X 01/29/96 Chlorodibromomethane mg/kg 0.002 X SPH DUP 01/29/96 Chlorodibromomethane mg/kg 0.002 X SPH DUP 01/29/96 Chloroform mg/kg 0.002 X SPH DUP 01/29/96 Chlorotobluene mg/kg 0.0038 X SPH DUP 01/29/96 c-Chlorotobluene mg/kg 0.0038 X SPH DUP 01/29/96 p-Chlorotobluene mg/kg 0.0038 X SPH DUP 01/29/96 p-Chlorotobluene mg/kg 0.0038 X SPH DUP 01/29/96 1,2-Dibromo-3-chloropropane 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 1,1-Dichloroeth		J. J				
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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 SPL DUP 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 Ethylbenzene mg/kg 0.0038 X 01/29/96 Isopropylbenzene mg/kg 0.0038 X SPL DUP 01/29/96 Isopropyl Ether mg/kg 0.0038 X SPL DUP 01/29/96 Methyl tert Butyl Ether mg/kg 0.0038 X SPL DUP 01/29/96 Methylene Chloride mg/kg 0.0038 X SPL DUP 01/29/96 Naphthalene mg/kg 0.0038 X 01/29/96 n-Propylbenzene mg/kg 0.0038 X SPH	1,1-Dichloroethane	mg/kg	0.002	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 SPL DUP 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 Ethylbenzene mg/kg 0.0038 X 01/29/96 Isopropylbenzene mg/kg 0.0038 X SPL DUP 01/29/96 Isopropyltoluene mg/kg 0.0038 X SPL DUP 01/29/96 Methyl tert Butyl Ether mg/kg 0.0038 X SPL DUP 01/29/96 Naphthalene mg/kg 0.0038 X 01/29/96 Naphthalene mg/kg 0.0038 X 01/29/96 Tetrachloroethylene mg/kg 0.0038 X SPL 01/29/96 <td>1,2-Dichloroethane</td> <td>mg/kg</td> <td>0.002</td> <td>X</td> <td></td> <td>01/29/96</td>	1,2-Dichloroethane	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 Ethylbenzene mg/kg 0.0038 X 01/29/96 Hexachlorobutadiene mg/kg 0.0038 X 01/29/96 Isopropylbenzene mg/kg 0.0038 X SPL DUP 01/29/96 Isopropyl Ether mg/kg 0.0038 X SPL DUP 01/29/96 Methyl tert Butyl Ether mg/kg 0.0038 X SPL DUP 01/29/96 Methylene Chloride mg/kg 0.01 X SPL DUP 01/29/96 Naphthalene mg/kg 0.0038 X 01/29/96 n-Propylbenzene mg/kg 0.0038 X SPH DUP 01/29/96 1,1,2,2-Tetrachloroethane mg/kg 0.0038 X SPL DUP <td>1,1-Dichloroethylene</td> <td>mg/kg</td> <td>0.0015</td> <td>X</td> <td></td> <td>01/29/96</td>	1,1-Dichloroethylene	mg/kg	0.0015	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 SPL DUP 01/29/96 Isopropyltoluene mg/kg 0.0038 X SPL DUP 01/29/96 P-Isopropyltoluene mg/kg 0.0038 X SPL DUP 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 Tetrachloroethylene mg/kg 0.0038 X SPH 01/29/96 1,1,2,2-Tetrachloroethane mg/kg 0.0038 X SPL 01/29/96 Toluene mg/kg 0.0038 X SP			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 SPL DUP 01/29/96 Isopropyl Ether mg/kg 0.0038 X SPL DUP 01/29/96 P-Isopropyltoluene mg/kg 0.0038 X SPL DUP 01/29/96 Methyl tert Butyl Ether mg/kg 0.0077 X SPL DUP 01/29/96 Methylene Chloride mg/kg 0.001 X 01/29/96 Naphthalene mg/kg 0.0038 X 01/29/96 Tetrachloroethylene mg/kg 0.0038 X 01/29/96 1,1,2,2-Tetrachloroethane mg/kg 0.0038 X SPH 01/29/96 Toluene mg/kg 0.0077 X DUP 01/29/96 1,2,3-Trichlorobenzene mg/kg 0.0038 X <t< td=""><td></td><td>mg/kg</td><td>0.002</td><td>X</td><td></td><td>01/29/96</td></t<>		mg/kg	0.002	X		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 SPL DUP 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 0	1,2-Dichloropropane	mg/kg	0.002	X		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		mg/kg	0.002	X	SPL DUP	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	2,2-Dichloropropane	mg/kg	0.0077	X		
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	Ethylbenzene	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	Hexachlorobutadiene	mg/kg	0.0038	X		
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	Isopropylbenzene	mg/kg	0.0038	X		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	Isopropyl Ether	mg/kg	0.0038	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	p-Isopropyltoluene	mg/kg	0.0038	X		
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	Methyl tert Butyl Ether	mg/kg	0.0077	X	SPL DUP	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		mg/kg	0.01	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	Naphthalene	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	n-Propylbenzene	mg/kg	0.0038	X		
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		mg/kg	0.0020	0.0271	SPH	
Toluene mg/kg 0.0077 X DUP 01/29/96 1,2,3-Trichlorobenzene mg/kg 0.0038 X SPH DUP 01/29/96	1,1,2,2-Tetrachloroethane	mg/kg	0.0038	X	SPL	
1,2,3-Trichlorobenzene mg/kg 0.0038 X SPH DUP 01/29/96		mg/kg	0.0077	X		
	1,2,3-Trichlorobenzene		0.0038	X		And the second s
	1,2,4-Trichlorobenzene	mg/kg	0.0038	X	SPH DUP	

Analytical No.:

59301

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





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: LMPJW

REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

	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



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)ml

REVIEWED BY: \

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP7-5 01/23/96	Qualifiers	V Date Analyzed	
5 ·				<u> </u>		
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	512 501	01/29/96	
Methyl tert Butyl Ether	mg/kg	0.0065	X	SPL DUP	01/29/96	
Methylene Chloride	mg/kg	0.0081	X	DIL DOI	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	S1H S2H 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	
_, _, _	3/ 12	0.0052	4.	DEIL DUP	01/23/30	

Analytical No.:

59302

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

ll analyses conducted in accordance with Enviroscan Quality Assurance Program.



Eder Associates

8025 Excelsior Drive

Madison, WI 53717-1900

REPO

Attn: Dave Hart/ Aubrey Fowler

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

	Units	Reporting Limit	GP7-5 01/23/96	Qualifiers	Date Analyzed
1,1,1-Trichloroethane	mg/kg	0.0016	х		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



Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900

Attn: Dave Hart/ Aubrey Fowler

CUST NUMBER: 1552-1 SAMPLED BY: Client

DATE REC'D: 01/25/96
REPORT DATE: 02/08/96
PREPARED BY: LMP REVIEWED BY:

	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		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	CSL	01/30/96
1,2-Dichloroethane	mg/kg	0.0017	X		01/30/96
1,1-Dichloroethylene	mg/kg	0.0017	X		01/30/96
cis-1,2-Dichloroethylene	mg/kg	0.0017	X		01/30/96
		0.0017	X		
trans-1,2-Dichloroethylene 1,2-Dichloropropane	mg/kg mg/kg		X		01/30/96
		0.0017 0.0017	X	CDI DIID	01/30/96
1,3-Dichloropropane	mg/kg		X	SPL DUP	01/30/96
2,2-Dichloropropane	mg/kg	0.0069			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	4	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

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

Il analyses conducted in accordance with Enviroscan Quality Assurance Program. aviroscan Corp., 303 West Military Rd., Rothschild, WI 54474 1/800/338-SCAN Wisconsin Lab Certification No. 737053130



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/M/
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	Х		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



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/Q8/96
PREPARED BY: LMP TY

REVIEWED BY:

Attn: Dave Hart/ Aubrey Fowler

					/
	Units	ReportingLimit	GP8-5 _01/23/96_	Qualifiers	Date Analyzed
TD: 160 2					
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		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	651	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	0.0025	X	SFI DOF	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	SFI DOP	01/30/96
Methyl tert Butyl Ether	mg/kg	0.009	X	SPL DUP	01/30/96
Methylene Chloride	mg/kg	0.011	X	SFH DOF	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	0.0025	X	SPL	
Toluene	mg/kg	0.009	X	DUP	01/30/96 01/30/96
1,2,3-Trichlorobenzene	mg/kg	0.003	X	SPH DUP	01/30/96
1,2,4-Trichlorobenzene	mg/kg	0.0045	X	SPH DUP	
_, _, _ 1110110101011110110	g/ 129	0.0045	Λ	SPR DUP	01/30/96

Analytical No.:

59304

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





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 Imf
REVIEWED BY: \

Attn: Dave Hart/ Aubrey Fowler

	Units	Reporting Limit	GP8-5 01/23/96	Qualifiers	Date <u>Analyzed</u>
1,1,1-Trichloroethane	mg/kg	0.0023	Х		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



Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900

Attn: Dave Hart/ Aubrey Fowler

Attn: Dave Hart/ Aubrey Fow.	ıer				No
_	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-chloropropand		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	CDI	01/30/96
1,2-Dichloroethane	mg/kg	0.0019	X		01/30/96
1,1-Dichloroethylene	mg/kg	0.0013	X		01/30/96
cis-1,2-Dichloroethylene	mg/kg	0.0014	X		
trans-1,2-Dichloroethylene	mg/kg	0.0019	X		01/30/96
			X		01/30/96
1,2-Dichloropropane	mg/kg	0.0019		ant nun	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.

—Il analyses conducted in accordance with Enviroscan Quality Assurance Program.



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

PREPARED BY: LMP)m(
REVIEWED BY: \(\)

8025 Excelsior Drive Madison, WI 53717-1900

Eder Associates

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



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

Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900

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.

YTICAL 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: LMPm

REVIEWED BY: \|\

Attn: Dave Hart/ Aubrey Fowler

Modified Gasoline Range Organics (GRO) Parameter # 78920

			Date	Analytical
	GRO	Qualifiers	_Analyzed_	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	Х	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 mg/kg Units

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

Oualifiers: Only above indicated qualifiers apply.

- The chromatogram is characteristic for gasoline.
- The chromatogram has characteristics of an aged gasoline sample. (G2)
- The chromatogram is not characteristic for either gasoline or (G3) 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.
- The chromatogram contains a significant number of peaks outside (G5) the GRO window.
- The chromatogram contains a significant number of peaks and a (G6) raised baseline outside the GRO window.
- 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.
- The chromatogram is characteristic for aged gasoline, however (G8) 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%.



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/m/
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 Units	5.0 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: <u>Dave Har</u>						f diffe	erent	from	Repo		info):	
Company Edac Acció	C. 11 + 6.6		1	Com	Company: Alichway Dry Clearers						_	
Address: 8025 Fx	0.0 5.6.	r pr.		Addr	Address: P.O. Box 5326 Medison, WI 53705						_	
Mad 30n Phone: (608) 33	WI	5371	7		_/	nod	sen	, W	7	537	705	_
	6-15	-00		Phon	ie: ()					_
P.O. # Project # <i>/552~1</i>	Quo	ote #	4/6/	1. 1			Αl				REQUESTS if necessary)	
Sample Type		Tu	urnaround T	ime				7	7	/	/ / /	
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☐ Groundwater		Rush	(Pre-approve	ed by Lab)			/	0	. /	9 \		
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Soil/Solid			ded		-		/	9 1	7/5	` /		
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15059291		10:05	Z	6P1-15	1							
15059292		10:45	2	GP2-5	1							
1505929 3		10:50	7-	GP2-15	W							
15059294		11:40	2	GP3-10	V							
15059295		11:50	7.	GP3-15								
15059296		12:50	2-	GF4-9	V							
15059297		12:55	2	GP4-13								
15059298		1:35	2-	GP5-10	· /	1						
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REQUEST FOR SERVICES



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

REPORT TO: Name:Hac	+										info):
Company:				Comp	anv.	1001	7		11.1		
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Phone: ()					e: <u>(</u>)				
P.O. # Project #_ / 5 5 2 - /	0	-4- !!					1A	VAL	TIC	AL P	REQUESTS
Project #_/5 3 2 1	Qu	ote #						(use s	eparate	e sheet	if necessary)
Sample Type		<u>Tt</u>	urnaround T	<u>ime</u>					\int	/	
(Check all that apply	y)	Norm:					. /	′ /	/ /	/ /	/ / /
Groundwater		Rush	(Pre-approve	ed by Lab)			. /		/		
Wastewater Soil/Solid		Date Nee	ded				/		/		
☐ Drinking Water											
Oil			-,				/ ,		/	/ ,	/ /
☐ Vapor						/		/			
Other								3/			
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LAB USE ONLY	DATE	TIME	Containers	SAMPLE ID		1/0	1/2				REMARK
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March 6, 1996

Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900 RECEIVED
EDER ASSOC.
MADISON, WI

MAR 1 1 1996

FILE NO. /552-7
WJC SLM BAF
DJO EJW BAF
DJO EJW

ENVIRONMENTAL AND ANALYTICAL SERVICES

Attn: David Hart/ Aubrey Fowle

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 Analytical Chemist

Laurie M. Lectronoto



CUST NUMBER: 1552-1 SAMPLED BY: Client

DATE REC'D: 02/23/96 REPORT DATE: 03/06/96 PREPARED BY: LMPJwl

REVIEWED BY: \M

Eder Associates 8025 Excelsior Drive Madison, WI 53717-1900

Attn: David Hart/ Aubrey Fowler

	Tetrachloroe	thylene	Total S	Solids	Analytical
Sample ID	EPA 8021	Qualifiers	EPA 160.3	Qualifiers	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		9		
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		8		
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.



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

Attn: David Hart/ Aubrey Fowler

Total Petroleum Hydrocarbon (TPH) Analysis

	- 13			
		GC Mineral Sp		
Sample ID	CAL. X	METH Quali	<u>ifiers</u>	No. 61163
GP12-35	X			61166
GP13-35		mo		
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 1	Limit 5.0			
GP13-20	226.	Т8		61164
Reporting 1	Limit 10.0			
GP13-25	39,220.	Т8		61165
Reporting 1	Limit 80.0			
GP15-20	767.	Т8		61169
Reporting 1	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.



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
REVIEWED BY: \

Attn: David Hart/ Aubrey Fowler

Total Petroleum Hydrocarbon (TPH) Analysis

	Soil GC Mir	Analytical	
Sample ID	CAL. METH	Qualifiers	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.

1



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

REPORT TO: Name: David Hou	~ i				Name	. A	112	P.	Fa	JP1		info):
Company: Fder Ass		25			Comr	Name: Audre Fouler Company: HANSON Hi-Way Dry Cleaners						
Address: 8025 Exc	:015.01	Driv	رع		Addre	ess: F	.0.	130	×53	26		
madison,	WI	5371	7			Δ	rad	501	1, W	I	537	05
Phone: (608) 83	36 -	1500			Phone	e: <u>(</u>)_				
P.O. #									ANAI	YTIC	AL F	REQUESTS
Project #_/552-	Quo	ote #							(use	separat	e sheet	t if necessary)
Sample Type			urnaround	Time						Valifornia,	*	/ / / .
(Check all that apply	"	Morm.							∂/ W)	13/	b /	/ / /
Groundwater		Rush	(Pre-appro	oved by	y Lab)			5	1/0/	40 \$	- /	
Wastewater		Data Nac	dad				,	10	\sim /.	38	1/	/ /
Soil/Solid					31			16	20	\ \ \	Y	/ /
☐ Drinking Water☐ Oil		Approved	Ву					9	X / 3) / ('J\\	
☐ Vapor							72	1 2	1/2	6 3	7 /	/ /
Other					•		-05/	2	/ se/	34		
Mark Control of the C							K/	1/2	18	3/3/	/	
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16061156	_	9:25		-	P10-20	/	H	+	_	-		
16061157		9:30			P10-25	/	1					
16061158		9:50		\mathcal{E}	F11-10	_/						
16061159		10,00		6	P11-20			\perp				
16061160		10:10		G	P11-26	/						
16061161		11:10		G	P/1-50	V						
16061162	<i>V</i>	12:50	0		F12-25	· /	Ske	لا	<u>- </u>			
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F 12	J										i ice:	WINA_C
Nova no	71								C	omme	nts:	
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David Hart		2/2	496 4	100		, ,		,	-			
RELINQUISHED BY: (Sianatur	е) г	DATE/TIM	IE	RECEIVED E	3Y: <i>(Sid</i>	natu	re)	1			
,	3			_		(0/5	,a.u	. 5/				
RELINQUISHED BY: (Signatur	е) г	DATE/TIM	IE	RECEIVED FO)R LAR	ORAT	ORY	D	ATE/TI	MF	
	g.,a.a.	-/		_	BY: (Signatur	(e)			3/83	6	11.	6 22
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REQUEST FOR SERVICES



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

REPORT TO: Name: David Hart					BILL	. TO: (i	f diffe	erent	from	Repo	ort To	info):
Company Edge Age	ociates				Com	pany:	H.	- Wa	2.4 D	ry C	ייםיא	ners
Address: ROZ5 F	xcelsier	DC			Addı	ess: F	03	ROX	5	32	5	
Address: 802.5 F 	, WI 5	3717				_	Ma	1.50	n, le	N S	537	ners
Phone: (608) 8	36-1500)			Phor	ne: <u>(</u>		_)				
P.O. # Project #_ /552-1	Quote	#						Α				REQUESTS t if necessary)
Sample Type		Tur	rnarou	ınd T	ime							/ / /
(Check all that apply	v) 🚾	Normal.		ilia i	iiie			2;	$/\sqrt{10}$	Contains the the	<i>f</i>	/ / /
Groundwater				prove	ed by Lab)		M	(1)	Spirits & CE	F 3		/ /
☐ Wastewater							\	12/	9/:	\$ 2		
Soil/Solid	Dat	te Need	led			-		3/	<u>u</u> /3	12	/	
Drinking Water	App	proved E	Ву			_	3	1/ /	12			
☐ Oil ☐ Vapor							10	17 X	1.5	/ /	/ ,	/ /
Other							1	3/	si/	7	/	
o marking the second of the			No.	of.			/	10/1	a /	3	. /	
LAB USE ONLY	DATE T	IME C	Contai		SAMPLE I	D	1/ 3	2 / 5	1/2	1/1	7/	
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16061165	1;	45			6P13-25	/						
16061166	1:	55			GP13-35							
16061167	2:	30			GP14-20							
16061168	3!	00			GP14-35	V						
16061169	4:	20			GP15-28	V						
16061170	4!	40			6P15-35							
16061171	5	05			GP16-20	V						
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							_					Y N N/A
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David Ha	T								Co		ata:	
RELINQUISHED BY:	(Signature)	DA	ATE/T	IME	RECEIVED	BY: (Sic	 anatur	e)	00	mmer	115	• •
David Hard		2/2.2	1			(y. ratar	,	,			
RELINQUISHED BY:	(Signature)	DA	ATE/T	IME	RECEIVED	BY: (Sig	gnatur	e)				
RELINQUISHED BY: ((Signature)	DA	ATE/T	IME	RECEIVED F BY: (Signate) DA 23	TE/TII	ME	10 Pm
						n v a	111.			10		10//

ATTACHMENT B

SOIL BORING LOGS AND BOREHOLE ABANDONMENT FORMS

	ate of Wisconsin Route To: partment of Natural Resources Solid Waste Emergency Response Wastewater									ste ound l					30RIN(100–122		INFO		ION -91
							, -	OFI								Page		ot	
	y/Projec ay Dry								Licenc	e/Pern	nit/Mon	itoring	Number		oring N P-1	umber			
			_	ame and crew	chief)				Date 1	Orilling	Start	ed	Date Dri	illing C	omplete	d Dril	ling Me	thod	
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Count Dane	У						DNR Cou						City or	Village					
	nple						10	_			WILLIAM	51011	T			Prope	rties		
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ber	th	Blow Counts	.⊆	,	And Geolo	gic Origin Major Unit				ถั	Graphic Log	ron	PID/FID	etra	sture	i. i.	it ic	200	/ Ime
Number	Length Recovered (in)	Blow	Depth		Lucii i	major unit				nscs	Gra _l Log	Well		Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	Р 2	RQD/ Comments
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			[_									27.9 ppm						9:50
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_	. /	ega	vro	tast				- [Eder /	Associa	tes, 8	3025 Ex	celsior	Drive,	Madiso	n, WI 5	3717-	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 as 144.99 and 162.06, Wis. Stats.

	of Wisc		ural Re	· 🗆 Eme	To: d Waste ergency Resp tewater	onse 🗆 U	_	aste round Resourc					30RIN 400–122		; INFO		rion '-91
							ther_							Page		.of	
	y/Proje ctory						Licen	ce/Peri	nit/Von	itoring	Number		oring N P-2	umber			
				ame and crew chief)			Date	Drillin	g Start	ed	Date Dr.			d Dri	lling M e	thod	
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Number	Length Recovered (in)	Blow Counts	Depth in feet	And Geo	ck Descripti logic Origin Major Unit	For		nscs	Graphic Log	Well	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	200	RQD/ Comments
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Signa	ure		avi	difart		Firm	Eder	Associa	tes, 8	025 Exc	celsior	Drive,	Madiso	n, WI 5	3717-	1900	

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	ate of Wisconsin Route To: partment of Natural Resources Solid Waste Emergency Response Wastewater									iste round Resourc					BORIN 400–122		; INFO		FION -91
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	y/Projec ay Dry								Liceno	e/Pern	nit/ M on	itorin	Number		oring N P-3	umber			
			_	ame and crew	chief)				Date	Drillin	g Start	ed	Date Dr.	illing C	omplete	d Dri	lling V e	thod	
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	nple		,,,,,,,,,		· · · · · · ·										Υ'''	Prop	erties		
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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 as 144.99 and 162.06, Wis. Stats.

	of Wis		ural Re	sources	ропяе С] Haz. W] Underg	round					30RIN 400–12		; INFO		FION '-91		
		_				stewater		Other_							Page_		of	
	y/Proje ay Dry							Licen	ce/Perr	nit/Mon	itoring	Number		oring N P-4	umber			
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	Essenti				Dave Pa	ulson			23/96			01/23,			Ged	oprobe		
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Count Dane	У						DNR Cou	nty Code	1	Civil Middl		City or	Village		-			
Sar	nple														Prope	erties		
Number	Length Recovered (in)	Blow Counts	Depth in feet		And Ge	ock Descript ologic Origin h Major Unit	For		nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	48		-	Fine-m	edium to	n SAND			SP									
	36		-									12.5 ppm	Į				l	12:40
			<u> </u>	Same o	is above	:						23.7 ppm					I	12:45
	48		- 10 -	Same o	is above	over SAN	D and C	RAVEL				72.2 ppm						12:50
	48	ļ	Ė									33.8 ppm						12:55
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Signa	ture	25	א כונו	Start	L			Firm	Eder	Associa	tes. 8	025 Exc	celsion	Drive	Madisa	n WI 5	3717	1900

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	of Wisc		ural Re		ponse 🗆	Haz. W	round					BORIN 4400-12		; INFO		TION 7–91	
					astewater		Water Other_		ces					Page		_of	
	t y/Proje 'ay Dry						Licer	ice/Peri	nit/Mon	itorin	Numbe		Boring N GP-5	iumber			
Borin	g Drille	d By (Firm n	ame and crew chief)		Date	Drillin	g Start	ed	Date Dr	illing	Complete	d Dri	lling Me	thod	
	Essenti			Dave P				23/96			01/23				oprobe		
DNR 3	Facility	Well N	a, VI	Unique Vell No.	Common W	fell Name	Final	Static	Water	Level	Surface 0.00'	Elev	ation		r ehole I OOin)iamete	8 r
	g Loca		1	พ. 27.25		D 0 /0 /1	Lat	0 0	0		Local G	rid L	ocation	(if appl	icable)		
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Count Dane						DNR Cour	ity Code	8	Civil Middl	Town/ eton	City or	Villag	ge .				
Sar	nple											<u> </u>		Prope	erties		-
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			-					-									
	20		<u> -</u> -	Fine brown SA	ND						11.0 ppm						1:30
	16		10	Same as abov	e						94.2 ppm						1:35
			Ē								S4.Z ppii	1					1:35
	16		-	Fine-medium	brown SANE)					13.6 ppm	i					1:45
			- 20										-				
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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 as 144.99 and 162.06, Wis. Stats.

	of Wise rtment		ural Re		onse	ΠU	_	iste round Resourc					BORIN 400–12:		: INFO		rion '-91	
					Wastewater			ther_							Page		of	
	ty/Proje /ay Dry							Licen	ce/Perr	nit/ M on	itoring	Number		oring N SP-6	umber			
Borin	g Drille	d By (Firm n	ame and crew chie	ef)			Date	Drillin	g Start	ed	Date Dri	illing C	omplete	d Dri	ling Me	thod	
	Essenti				Paulson			01/2	23/96			01/23,	/96			probe		
DNR	Facility	Well N	o. Vi	Unique Vell No.	Common W	ell Name	e	Final	Static	Water :		Surface 0.00'	Eleva	tion	1	ehole I Oin	iamete	er
Borin	g Loca Plane	tion 69.5	7	N, 28.44		E S/C/	/N	Lat	0 0	0		Local G	rid Lo	cation ((if appl	icable)		
				Sect. 12; T7N R	BE	1 11/0/		Long	0 0	0		69.57		Feet	N 28.	44	Fe	eet E
Coun Dane			. <u> </u>			DNR Co	ounty	Code		Civil Middl		lity or	Village	1				
Sai	mple														Prope	erties		
] <u>:</u>	ounts	n fee		/Rock Descripti					٥	E		a tio	2 +2				ents
Number	Length Recovered (in)	Blow Counts	Depth in feet		Geologic Origin ach Major Unit				nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid	Plastic Limit	200	RQD/ Comments
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			Ē.,	<u>.</u>					244	0								
	8		-	6.5° reddish brown so	nd FILL over 1.5° fi	ne-medium	a brow	n SAND	SP	0	-	141 ppm					;	2:10
			- - 10	Fine-medium tan SAN)				31				,					
	24	t 	-									10.2 ppm						2:15
	24		<u>-</u>	Same as above								32.8 ppm	:					2:25
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	of Wis			sources	ponse		laz. We Indergr Vater F	round					BORIN 400–12	2	G INFO	7	TION 7-91		
	ty/Proj e /ay Dn						· · · ·		Liceno	ce/Pem	nit/ V on	itorin	Number		loring N SP-7			.02	
				ame and crew	chief)				Date	Drillin	g Start	ed	Date Dr			d Dri	lling Me	thod	
Soil	Essent	ials		Da	ve Pau	ulson			01/2	23/96			01/23	/96		Ge	oprobe		
			No. VI	Unique Well No		Common W	ell Name	9			Vater	Level	Surface		tion	Box	rehole l		er
Borin	g Loca	ation							Lat	0 0	0		0.00'	rid Lo	cation		Oin icable)		
State	Plane	81.		N. 27 Sect. 12; T7N			E S/C/	'N	l	0 0			81.70			N 27		F	eet E
Coun	ty		. <u>, , </u>			.,,**	DNR Co	ounty				Town/	'City or	Village	;				
	mple		1				113				Middi	eton			Soil	Prop	erties		
Number	Length Recovered (in)	Blow Counts	Depth in feet		nd Geo	ock Descript ologic Origin o Major Unit	For			SOSA	Graphic Log	Well	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	23 23 23 19	σ σ σ <u>ωσ σωσ σ</u> ωσ σ σ	10	Fine-medium to Same as above Same as above Same as above	grading	to medium-c				SP			54.7 ppm 701 ppm 72.6 ppm 121 ppm						2:45 2:50 2:55 3:00
I her Signo		ertify	that th	e information	on th	nis form is	true o	and	corre Firm								······································		12
		Δ	sore	a HOU						Eder .	Associa	tes, 8	3025 Ex	celsior	Drive,	Madiso	n, WI 5	3717-	-1900

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Depai	rtment	of Nat	ural Re	□ Eme	ergency Response C	Haz. W Underg	round			Į.	orm 44	100-12	3		7	/-¥1
Pacili	ty/Proje	ot Nor				Other_	oe/Parr	mit Mon	itorin	Number	. R	oring N	Page		of	
	lay Dry					Incen	ce/rem		ıcorını			P-8	umber			
Borin	g Drille	ed By (Firm n	ame and crew chief)		Date	Drillin	g Start	ed	Date Dri	illing C	omplete	d Dri	lling Me	thod	
Soil	Essent	ials		Dave Pau	lson	01/	23/96			01/23,	/96		Ged	oprobe		
DNR	Pacility	Well A	io. Vi	Unique Well No.	Common Well Name	Final	Static	Water	Level	Surface 0.00'	Elevat	ion		ehole I)iamete	er
Borin	g Loca	tion				Lat	0 0	0		Local G	rid Loc	cation (
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Coun		·			DNR Cou	nty Code		Civil Middl		City or	Village	•				
Sa	mple												Prope	erties		
SP														RQD/ Comments		
SP::																
	19 P Fine brown SAND 27.4 ppm 3:20															
	19	B	Ė	Fine-medium brown SAI	ND.					135 ppm						3:25
	23		<u>-</u> 10	Same as above												7.70
	23	P	Ė	C-m	to the control	/1				68.8 ppm						3:30
		B	F	Same as above grading	to medium-coarse SAND	w/gravei.				93.5 ppm						3:40
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Signo	ture	$\sqrt{2}$	hire	Hart		Firm	Eder	Associo	ites.	3025 Ex	celsior	Drive.	Madiso	n. WI	53717-	-1900

State of Wisconsin

Route To:

SOIL BORING LOG INFORMATION

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				<u></u>			0 (ther_					- 1		Page		ot	
	ay Dry							Licen	ce/Peri	nit/Mon	itorin	g Number		oring N P-9	umber			
Borin	g Drilla	ed By	(Firm n	ame and crew	chief)			Date	Drillin	g Start	ed	Date Dr	illing C	omplete	d Dr	lling Me	thod	
	Shor			<u></u>				02/	21/96			02/21	/96			oprobe		
DNR	Pacility	Yell 1	io. VI	Unique Well No	4	Common W	ell Name	Final	Static	Water	Level	Surface 0.00'	Eleva	tion		rehole I OOin)iamet	er
	g Loca		_			<u> </u>		Lat	0 0	0		Local G	rid Lo	cation (
	Plane /4 of			N. 64. Sect. 12; T7N			e s/c/n	Long	0 0	0		52.68		Feet	N 64	.15	F	eet E
Coun	y			· · · · · · · · · · · · · · · · · · ·			DNR County			Civil		City or	Village	!				
Dane	nple		1	<u> </u>	····		13			Middl	eton	T -	i	Soil	Prop	erties		
	(ii)	its	feet		-:: /n-	(. D								7				ts
Je.	h	Blow Counts	.⊑	A	nd Geo	ock Descripti ologic Origin	For		l w	hic	2	品	darc	ture	۳ م	: E:	200	/ men
Number	Length Recovered (in)	Blow	Depth in		Each	n Major Unit			nscs	Graphic Log	Well	PID/FID	Standard Penetration	Moisture Content	Liquid	Plastic Limit	Р 2(RQD/ Comments
			E		-				SP	::::::								
	4	Р	E	Fine-medium tan/brow	n SAND									ŀ				
		P P	-									11.2 ppm	:					8:25
	4	B P	- 10	Fine-medium tan/brow	n SAND w	little grovel						11.6 ppm						 8:30
	4	<u> </u>	F	Fine-medium ton/brow	" CYNU													Y
		P D	F	Tare meaning only brown								11.7 ppm		ļ	!			8:35
	5	β	20	6" same as above ove	r 7° fine	brn SAND over 7° f	ine-medium tan/bro	nn SAND	SB			32.9 ppm						8:40
		P D	Ė	C. L. A. CUD					SP									
	4		-	Fine tan/brawn SAND					SP			30.3 ppm						8:50
		P P	- 30									"						
		ľ	-															
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			- 40															
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Signa	ture 9	Ja	wid	Hart				Firm				3025 Ex		· · · · · ·	Madiso	n. WI 5	3717-	1900

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Depar	tment	of Nat	ural Re	sources		laz. W	aste			F	orm 44	100-12	2		7	-91	
☐ Emergency Response ☐ Un ☐ Wastewater ☐ Wa								round									
				LI TOS	lewater		water i Other_							Раде		_of	
	t y/Proje 'ay Dry						Licen	ce/Peri	nit/ M on	itorin,	Number		oring N				
				ame and crew chief)			Date	Drillin	g Start	ed	Date Dr			d Dri	lling Me	thod	-
North	Shore	e					02/2	21/96			02/21	/96		Ge	oprobe		
DNR	Facility	Well N	o. VI	Unique Tell No.	Common We	ll Name	Final	Static	Water	Level	Surface 0.00'	Elevat	ion		rehole I)iamet	er
Borin	g Loca	tion	-				Lat	0 0	0		Local G	rid Loc	ation (
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Count	y					DNR County			1	Town, eton	City or	Village					
Sai	nple					_								Prop	erties		
Number	Length Recovered (in)	Blow Counts	Depth in feet	Soil/Ro And Geo Each			nscs	Graphic Log	Well	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	200	RQD/ Comments	
_ <u>z</u>	38	面	ă			-		<u>ک</u> 42	23	Žċ		रू ज	≱ິວ	<u> </u>	급급	۵.	동요
•	4 4 5 5	<u> </u>	10 20 30	Fine-medium tan/brown SAND Same as above grading to fine- 9° fine-medium tan/brown SAND Fine tan/brown SAND. Bottom 8° Same as above w/odor.	over 11" fine-coor		l and silt.	SW SP SP	0		15.0 ppm 17.7 ppm 29.7 ppm 1880 ppm 714 ppm						9:10 9:15 9:20 9:25 9:30
l hero Signa			-50 hat th	e information on th	is form is	true and						*					
aigna	ture •	27	للمندو	"HanT			Firm	Fder .	Associa	tes. 8	3025 Fx	celsion	Drive.	Madisa	n WI5	3717-	-1900

State of Wisconsin

Route To:

SOIL BORING LOG INFORMATION

Department of Natural Resources											F	orm 4	400-12	S		7	7-91
☐ Emergency Response ☐ Unde																	
				U #65	CEWALEI		Water_							Page		of	
Facili	ly/Proje	ct Nam	16				Licen	ce/Perr	nit/Mon	itoring	Number	r E	loring N				
	ay Dry							-					P-11				
Borin	g Drille	ed By (Firm n	ame and crew chief)			Date	Drillin	g Start	ed	Date Dr	illing (Complete	d Dri	illing Me	thod	
North	Shor	е					02/	21/96			02/21,	/96		Ge	oprobe		
DNR	Facility	Vell 1	io. Vi	Unique Well No.	Common W	ell Name	Final	Static	Vater		Surface 0.00'	Eleva	tion		rehole I 00in)iamet	er
Borin	g Loca	tion		_	<u> </u>		Lat	0 0	0			rid Lo	cation				
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Count	·	SW 1	/4 of	Section 12; T7N R8	<u> </u>	DVD G		00						11 31			
Dane						DNR Count	y Code		Middl	eton	City or	vшаде					
Sai	nple	_	l .										_	Prop	erties		-
	E	nts	feet	Soil/Ro	ock Descripti	on]	_	}	Eigh					stc
Je.	ered	ටී	.⊑	And Geo	logic Origin	For		60	jë jë		JE J	무하	tura		.≌	200	me
Number	Length Recovered	Blow Counts	Depth in feet	Each	ı Major Unit			nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid	Plastic Limit	P 2(RQD/ Comments
			-					SP	<u> </u>		 "	0,11	20		L		12.0
			Ė														
	4	P	F	Fine brown SAND							272 ppm						9:45
	4	P B	- 10	Fine-medium brown	SAND			SP									
		P 0	F] J'			220 ppm						9:50
	4	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u> </u>	Same as above							156 ppm						9:55
		100	E	14" fine brown SAN	Dover 10"	SAND and C	RAVFI				100 ppm]		3.55
	6	P	- 20	2.	3 070, 10	GILL GILG	J. O . IV . L.L.	S₩			1154 ppm						10:00
		P	F	Fine tan/brown SAN	n				0		İ		İ				
	6	P P	F		•			SP			55.1 ppm						10:10
		P P	- 30			•										;	
]	i.	-	Same as above													
	6	Р	<u> </u>	Same as above							1.2 ppm					Ī	10:45
		P P P	;	,							, pp		İ				0.70
		P	40						.::::				l				ĺ
		:	<u> -</u>														
			-	Same as above													
			-50								1.0 ppm						11:10
			Ė I										1				
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I hereby certify that the information on this form is true and co									the bo	est of	my k	nowle	dge.				
Signa							Firm	Eder /	Associa	tes, 8	025 Exc	celsior	Drive,	Madiso	n, W1 5	3717-	·1900
- 4 -				·													

State of Wisconsin

Route To:

SOIL BORING LOG INFORMATION

□ Emergency Response							□ U 1	_		Tanks				30RIN 400–12		; INFO		TION 7–91
							□ 0t	her									of	
	y/Proje ay Dry							Licenc	e/Peri	nit/Mon	itoring	Number		oring N P-12	umber			
Borin	g Drille	d By (Firm n	ame and crew chief)			Date	Drillin	g Start	ed	Date Dr	illing C	omplete	d Dri	lling Me	thod	··········
North	Shore	е						02/2	1/96			02/21,	/96			oprobe		
DNR 1	acility	Well N	ia. Vi	Unique Vell No.	Common W	ell Name	;	Final	Static	Water !		Surface 0.00'	Eleva	ion		rehole I Oin	liamete	er
	g Loca Plane		33	N, 20.83		E S/C/	'N	Lat	0 0	0		Local G	rid Lo					
		SE 1	/4 of	Sect. 12; T7N R8		nm a			0 0			69.33		Feet	N 20.	83	Fe	eet E
Count Dane				,		DNR Co	unty	Code		Middle		ity or	Village					
Sar	nple		يب												Prope	erties		
Number	Length Recovered (in)	Blow Counts	Depth in feet	And 0	Rock Descripti eologic Origin Ich Major Unit	For			nscs	Graphic Log	Well Diagram	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	200	RQD/ Comments
Ž.	28	<u> </u>	ă						SP	27	<u>₩</u>	<u>a</u>	रू दू	≱ŏ	تت	בּיב	α.	<u> </u>
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	5 5	田中田田	- - - 20	Same as above 6" fine SAND w/reddi	sh layering over 1	4" SAND (and Gi	ravel	S₩			11.6 ppm						12:37
	4	6 6 6 6 6 6		Fine tan/brown SAND	, ,				SP	2		35.1 ppm 89.5 ppm						12:40 12:50
	6	ው ው ው ው	40	Same as above								10.6 ррт		٠				1:05
			50															
l here	by ce	rtify t	hat th	e information on	this form is	true a	nd c	orrec	t to	the be	st of	my k	nowled	ige.			<u></u>	
Signal	ture	$\Im a$	wish	Hart			Ī	Firm	Eder /	Associat	tes, 80)25 Exc	elsior	Drive,	Madisor	n, WI 5	 3717-	1900

	State of Wisconsin Route To: Department of Natural Resources Solid Waste Emergency Response						iaz. Wa Indergi	iste	Tanks				BORIN 400–122		INFO		FION '-91
					tewater		_	Resource		···				Done		.of	
Facilit	y/Proje	ct Nam	ıe				Licenc	e/Perr	nit/ V on	itorin	g Number		oring N			01	
	ay Dry			1: 4			2.1	B	- 01 - 1		D-1 - D-1		P-13	. 15	21 11-	41 1	
Horin	g Drille	eg BA (nrm n	ame and crew chief)			Date	וְחנונונונו	g Start	ea	Date Dr	uung c	omplere	מ ו שו	ling Me	rnoa	
	Shore	_						21/96			02/21,				oprobe		
DNR	acility	Well N	o. Vi	Unique Well No.	Common Well Na	me	Final	Static	Water !	Level	Surface 0.00'	Eleva	Lion		r <mark>ehole I</mark> Min	iamete	3 r
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Count		311	/ + 01	3000. 12, 1714 RDL	DNR	County				Fown/	City or	Village					
Dane		,			13				Middl								
Sar	nple		بيد						<u> </u>				T	Prope	erties	~	-
	(E)	Blow Counts) feet		ock Description					۶	<u>.</u> _	Standard Penetration	ب و				RQD/ Comments
Number	Length Recovered	ි ද	.s		ologic Origin For n Major Unit			SS	Graphic Log		PID/FID	nda	Moisture Content	it ë	Plastic Limit	200	> E
N N	Rec	8	Depth					nscs	52	Well	음 문	Sta	S S S S S	Liquid Limit	분명	۵.	S 2
			[SP									
	6	P	Ē	Fine tan/brown SAM	ND												Í
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	5	ᡖᠣᡖᠣᠳᠳᠳᠳ ᠳᠳᠳ	10	6" same as above	over 14" SAND	and Gi	RAVEL	SW			9.4 ppm						1:20
		P	Ę.						o		3						
	5	(b p	F	Fine-coarse brown	SAND			SW			4.8 ppm						1:25
	6	P R	E	Fine tan/brown SAM	UN Dallana en ar			SP									
	6	E	- 20 -	I Tillo tolly brown SAL	to. Doctoin o gi	cy w/	ouor	21			361 ppm		1				1:30
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		ct Nam		 		<u></u>		Licen	ce/Pern	nit/Mon	itoring	Number		oring N P-14				
				ame and crew chie	f)			Date	Drilling	g Start	ed	Date Dr			d Dri	ling Me	thod	
North	Shore	e						02/2	21/96			02/21,	/96		Ge	probe		
DNR 1	Pacility	Well N	o. VI	Unique Well No.	Common W	fell Nam	e	Final	Static	Water 1	Level	Surface 0.00'	Eleva	lion		ehole I Oin	iamete	er
	g Loca Plane	tion 52.6	8	พ. 55.82		E S/C,	/N	Lat	0 0	0		Local G	rid Lo	cation (if appl	icable)		
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<u>Sar</u>	nple		 										<u></u>	T	Prope	erties		
Number	Length Recovered (in)	Blow Counts	Depth in feet	And	/Rock Descript Geologic Origin ach Major Uni	For			nscs	Graphic Log	Well	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
	3 5 6	<u> </u>	30	Fine-medium tos/brown SAND 8" some as above over 8" grey Fine tan/brown SAND Some as above	sandy SIJ over 8° SWO er	nd CRANEL. Sat	dream	saluntei.	SP SP			7.5 ppm 1344 ppm 12.8 ppm						2:15 2:20 2:30 2:45
	reby certify that the information on this form is true and					and		ct to	the be	est o	f my k	nowle	dge.		I			
Signa	Savia Hart							Firm	Eder /	Associa	tes, 8	025 Exc	celsior	Drive.	Madiso	n, WI 5	3717-	1900

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	y/Proje ay Dry						Licen	ce/Perr	nit/Mon	itorin	y Number		Soring N SP-15	umber			
				ame and crew chief)			Date	Drillin	g Start	ed	Date Dr	illing (Complete	d Dri	lling Me	thod	· · · · · · · · · · · · · · · · · · ·
North	Shore	9					02/2	21/96			02/21,	/96			oprobe		
DNR]	Pacility.	Well N	o. VI	Unique Well No.	Common We	ell Name	Final	Static	Water !	Level	Surface 0.00'	Eleva	tion		rehole D Oin	liamete	er
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	(ii)	unts	n feet		ck Description					۶		Standard Penetration	6 +				RQD/ Comments
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Signa							Firm	Eder A	Associa	tes, 8	3025 Exc	celsior	Drive,	Madiso	n, Wi 5	3717-	1900

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		ct Nam Clear					Licen	ce/Pero	nit/ M on	itoring	Number		oring N P-16	umber			
Boring	Drille	ed By (Firm n	ame and crew chief)			Date	Drillin	g Start	ed	Date Dr.	illing (omplete	d Dri	lling Me	thod	
North	Shor	е					02/2	21/96			02/21,	/96		Ge	oprobe		
DNR F	acility	Well N	o. VI	Unique Well No.	Common We	ll Name	Final	Static	Water	Level	Surface 0.00'	Eleva	tion		rehole D OOin	iamete	er
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County Dane						DNR County				I Town/ eton	City or	Village	······				
San	ple				·								_	Prop	erties		
Number	Length Recovered (in)	Blow Counts	Depth in feet	And Ge	ock Descriptio plogic Origin I n Major Unit			nscs	Graphic Log	Well	PID/FID	Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	RQD/ Comments
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	nereby certify that the information on this form is true and							ct to	the be	est o	f my k	nowle	dge.				
Signat	ture David Hart						Firm	Eder /	Associa	tes, 8	025 Ex	celsior	Drive,	Madiso	n, WI 5	3717-	1900

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

(I) GENERAL INFORMATION	(2) FACILITY NAME
Well/Drillhole Borehole County	Original Well Owner (If Known)
Location GP-1 Dane	
NE 1/4 of SW 1/4 of Sec. 12; T. 7 N. R. 8	Present Well Owner
(If applicable)	Street or Route
Gov't Lot Grid Number	<u> </u>
Grid Location	City, State, Zip Code
ft.	Facility Well No. and/or Name (If Applicable) WI Unique Well No.
Middleton	A soliny it of the mind of the
Street Address of Well	Reason For Abandonment
6619 University Avenue	Probehole not in use
City, Village Middleton	Date of Abandonment 1/23/96
WELL/DRILLHOLE/BOREHOLE INFORMATION	1/23/70
(3) Original Well/Drillhole Borehole Construction Completed On	(4) Depth to Water (Feet)
	Pump & Piping Removed? Yes No Not Applicable
(Date) 1/23/96	Liner(s) Removed? Yes No Not Applicable
Monitoring Well Construction Report Available?	Screen Removed? Yes No Not Applicable
☐ Water Well ☐ Yes ☒ No	Casing Left in Place? Yes No
☐ Drillhole	If No, Explain No casing installed
Borehole	
	Was Casing Cut Off Below Surface? Yes No
Construction Type:	Did Sealing Material Rise to Surface? Yes No
Drilled Driven (Sandpoint) Dug	Did Material Settle After 24 Hours? Yes No
Other (Specify) Geoprobe	If Yes, Was Hole Retopped? Yes No
Formation Type:	(5) Required Method of Placing Sealing Material
Unconsolidated Formation Bedrock	Conductor Pipe-Gravity Conductor Pipe-Pumped
	Dump Bailer Other (Explain)
• • • • • • • • • • • • • • • • • • • •	(6) Sealing Materials For monitoring wells and
(From groundsurface)	Neat Cement Grout monitoring well boreholes only
Casing Depth (ft.)	Sand-Cement (Concrete) Grout
Casing Depth (it.)	☐ Concrete ☐ Bentonite Pellets ☐ Clay-Sand Slurry ☐ Granular Bentonite
Was Well Annular Space Grouted? Yes No Unknown	1 = ' ' ' ' ' ' ' ' ' ' '
If Yes, To What Depth?	Chipped Bentonite
7)	
Sealing Material Used	From (Ft.) To (Ft.) No. Yards, (Circle Mix Ratio or Volume One) or Mud Weight
Granular Bentonite	Surface 17 1/3
(8) Comments:	
9) Name of Person or Firm Doing Sealing Work	(10) FOR DNR OR COUNTY USE ONLY
Soil Essentials	Date Received/Inspected District/County
Signature of Person Doing Work Date Signed	Reviewer/Inspector Complying Work
Street or Route Telephone Number	
112 7th Avenue (608) 527-2355	Noncomplying Work

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

(I) GENERAL INFORMATION			ITYNAME		
Well/Drillhole Borchole County		Origin	al Well Owner	(If Known)	
Location GP-Z Dane	<u>_</u>		Well Owner		
NE 1/4 of SW 1/4 of Sec. 12; T. 7 N; R.	8 N E	Present	Well Owner		
(If applicable)		Street	or Route		
	Grid Number	City	itate, Zip Cod		
Grid Location ft.	7 E.	City, S	tate, Zip Cou	C	
Civil Town Name	<u>, 2</u>	Facility	Well No. and	Vor Name (If Applicab	e) WI Unique Well No.
Middleton					
Street Address of Well		1 —	For Abandon		
City, Village University Avenue	<u> </u>	Pro	behole r Abandonmen	not in use	
Middleton		Date	1/23/		
WELL/DRILLHOLE/BOREHOLE INFORMATION		<u> </u>			
(3) Original Well/Drillhole Borehole Jonstruction Completed	On	(4) Depth	to Water (Fee	i)	
(Date) $1/23/96$			& Piping Rem		No Not Applicable
Ду :	. 4.1.1.0) Removed? Removed?	☐ Yes [No Not Applicable Not Applicable
☐ Monitoring Well ☐ Construction Report A☐ Water Well ☐ Yes ☑ N		1	Left in Place	Yes 5	No Not Applicable
Drillhole	•			casing ins	
Borehole				7	
		1	-	Below Surface?	Yes No
Construction Type: Drilled Driven (Sandroint)	Dug	1	-	Rise to Surface? [Iter 24 Hours? [] Yes [] No] Yes [] No
Drilled Driven (Sandpoint) Driven (Sandpoint) Driven (Sandpoint)	-46		s, Was Hole R	L.] Yes [] No
Com (Sport)				Placing Sealing Materia	
Formation Type:		1`'	ductor Pipe-G		ctor Pipe-Pumped
☐ Unconsolidated Formation ☐ Bedrock		_	np Bailer	· =	(Explain)
Total Well Depth (ft.) Casing Diameter (ins.)		(6) Sealing			monitoring wells and
(From groundsurface)		I	t Cement Gro		nitoring well boreholes only
Casing Depth (ft.)			d-Cement (Co xrete	ncrete) Grout	Bentonite Pellets
casing Deput (it.)			y-Sand Slurry	1	Granular Bentonite
Was Well Annular Space Grouted? Yes No	Unknown		tonite-Sand S		Bentonite - Cement Grout
If Yes, To What Depth?	Feet	Сы	pped Bentonit		
(7) Sealing Material Used		From (Ft.)	To (Ft.)	No. Yards, Sack Sealant One or Volume	
			-	1	or Mad Weight
Granular Bentonite	ļ	Surface	17	/3	
			<u> </u>		
(8) Comments:					
(9) Name of Person or Firm Doing Sealing Work	 -	(10)	FOR	DNR OR COUN	TY USE ONLY
Soil Essontials			Received/Ins		District/County
Signature of Person Doing Work Date Signed					
<u> </u>		Rev	iewer/Inspecto	π	Complying Work
Street or Route Telephone Number (608) 527-	·23 <i>55</i>	Foll	nwam Neress	arv	Noncomplying Work

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

(I) GENERAL INFORMATION	(2) FACILITY NAME
Well/Drillhold Borchole County Location GO-7	Original Well Owner (If Known)
OF-3 IDANE	Present Well Owner
NE 1/4 of SW 1/4 of Sec. 12 ; T. 7 N. R. 8 N.	result well owner
(If applicable)	Street or Route
Gov't Lot Grid Number	
Grid Location	City, State, Zip Code
ft. N. S.,ft. E. W.	
Civil Town Name	Facility Well No. and/or Name (If Applicable) WI Unique Well No.
Middleton Street Address of Well	Reason For Abandonment
<u> </u>	
City, Village University Avenue	Probehole not in use
Middleton	1/23/96
WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole Borehole Jonstruction Completed On	(4) Depth to Water (Feet)
(Date) 1/23/96	Pump & Piping Removed? Yes No Not Applicable
	Liner(s) Removed? ☐ Yes ☐ No ☒ Not Applicable
Monitoring Well Construction Report Available?	Screen Removed? Yes No Not Applicable
☐ Water Well ☐ Yes 🔯 No	Casing Left in Place? Yes No
Drillhole Borchole	If No, Explain No casing installed
экополов	Was Casing Cut Off Below Surface? Yes No
Construction Type:	Did Sealing Material Rise to Surface? Yes No
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug	Did Material Settle After 24 Hours? Yes No
Other (Specify) Geoprobe	If Yes, Was Hole Retopped?
	(5) Required Method of Placing Sealing Material
Formation Type:	Conductor Pipe-Gravity Conductor Pipe-Pumped
☐ Bedrock	Dump Bailer Other (Explain)
Total Well Depth (ft.) Casing Diameter (ins.)	(6) Sealing Materials For monitoring wells and
(From groundsurface)	Neat Cement Grout monitoring well boreholes only
	Sand-Cement (Concrete) Grout
Casing Depth (ft.)	Concrete Bentonite Pellets
Was Well Annular Space Grouted? Yes No Unknown	☐ Clay-Sand Slurry ☐ Bentonite-Sand Slurry ☐ Bentonite - Cement Grout
If Yes, To What Depth?	Chipped Bentonite
(7) Sealing Material Used	From (Ft.) To (Ft.) Sacks Sealant Color With Nation
	Oi Volunie
Granular Bentonite	Surface 17 3
(8) Comments:	
	
9) Name of Person or Firm Doing Sealing Work	(10) FOR DNR OR COUNTY USE ONLY
Soil Essentials	Date Received/Inspected District/County
Signature of Person Doing Work Date Signed	
Creat or David	Reviewer/Inspector Complying Work
Street or Route Telephone Number (608) 577-7355	Noncomplying Work

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

Westphysitants Construction Co	(I) GENERA	L INFORMATION	- 		(2)	FACIL	ITYNAME			
NE 1/4 of Sec. Z : T. 7 N. R. 8 4 W.			County		1(2)			(If Known)		
Present Well Cover Present						Ü		` '		
Middleton	-	<u> </u>	10000	I ΣÌ ε	+-	Present	Well Owner		-	
Street or Route Street or	NE 1/4	of SW 1/4 of Sec. /	2 ; T7_	_ N; R. 8_ 🛱 w						
Grid Location R.					T	Street o	r Route			
Civil Town Name Reason For Abandonment Reason For Abandonment Probehole not in use Date of Abandonmen		Gov't Lot		Grid Number						
Civil Town Name	Grid Locat	ion				City, S	tate, Zip Cod	е		
Reason For Abandomment Probehole not in use		ft. 🔲 N. 🔲 S.,		_ ft. 🔲 E. 🔲 W.						
Reason For Abandonment					T	Facility	Well No. and	/or Name (I	f Applicable)	WI Unique Well No.
Reason For Abandonment	/	niddleton ·								
Date of Abandonment Date of Bandonk Date of						_			_	
Date of Abandonment Date of Bandonk Date of	6	619 Univer	sity Av	enve	1_	Prol	schole r	not in l	use	
WELL/DRILLHOLE/BOREHIOLE INFORMATION	City, Villa	ge	. '		1	Date of				
Construction Report Available? Construction Report Available? Pump & Figing Removed? Yes No Not Applicable Line(1) Removed? Yes Not Applicab				· · · · · · · · · · · · · · · · · · ·			1/23/	76		
Date 1/23/96					1	K	W	· · · · · · · · · · · · · · · · · · ·		
Monitoring Well Construction Report Available? Screen Removed? Yes No Not Applicable Screen Removed? Yes No Not Applicable Not Applicable Screen Removed? Yes No Not Applicable No	•	cii/Drillhoic Borehole	Ionstruction Coi	mpleted On	(4)	-			_	
Monitoring Well Water Well Water Well Yes No Not Applicable Casing Left in Place? Yes No Not Applicable Screen Removed? Yes No Not Applicable Not Applicable Not Applicable Not Applicable Yes No Not Applicable Not App	(Date)	1/23/96						oved?		
Water Well Yes No Drillhole Borchole Was Casing Left in Place? Yes No If No, Explain No Casing installed Was Casing Cut Off Below Surface? Yes No Did Sealing Material Site Alore Yes No Did Sealing Material Site Alore Yes No Did Sealing Material Site Alore Yes No Did Material Site Alore Yes No Did Material Site Alore Yes No No Constitution Yes No Did Material Site Alore Yes No Did	_									. 🗀
Drillhole Mas Casing Cut Off Below Surface? Yes No Did Sealing Material Rise to Surface? Yes No Did Sealing Material Rise to Surface? Yes No Did Material Rise to Surface? Yes No Did Material Rise to Surface? Yes No Did Material Rise to Surface? Yes No Did Material Rise to Surface? Yes No Did Material Rise to Surface? Yes No Did Material Rise to Surface? Yes No Did Material Rise to Surface? Yes No Did Material Rise to Surface? Yes No Did Material Rise to Surface? Yes No Required Method of Placing Sealing Material Conductor Pipe-Dumped Dimmy Bailer Conductor Pipe-Pumped Dimmy Bailer Dother (Explain) Doth	_	•		-	ł					77 2.001.45520010
Sorehole	===		∐ Yes	EQ No	1	_				
Was Casing Cut Off Below Surface? Yes No Did Sealing Material Rise to Surface? Yes No Did Material Setter 24 Hours? Yes No Haterial Setter 24 Hours? Yes No Haterial Setter 24 Hours? Yes No If Yes, Was Hole Retopped? Yes No If Yes, Was Hole Retopped? Yes No If Yes, Was Hole Retopped? Yes No If Yes, Was Hole Retopped? Yes No If Yes, Was Hole Retopped? Yes No If Yes, Was Hole Retopped? Yes No If Yes, Was Hole Retopped? Yes No If Yes, Was Hole Retopped? Other (Explain)	.=.					II No, E	xprain <u>[Vo</u>	casin	g instal	iea
Construction Type: Drilled Driven (Sandpoint) Dug Did Sealing Material Rise to Surface? Yes No Did Material Settle After 24 Hours? Yes No If Yes, Was Hole Retopped? Yes No If Yes No If Yes, Was Hole Retopped? Yes No If Yes, Was Hole Retopped? Yes No If Yes	Borcho	le				Was Ca	cina Cut Off	Dalou Surfe	1002 FT V	es [] Nh
Drilled Driven (Sandpoint) Dug Did Material Settle After 24 Hours? Yes No If Yes, Was Hole Retopped? Yes No Sealing Material Unconsolidated Formation Bedrock Dump Bailer Other (Explain) Other (Explain	Comatanati	on Transi					_		*******	
Other (Specify) Geoprobe Formation Type:			(C11 A)	Dug	1		•			.
Formation Type: Unconsolidated Formation Bedrock Conductor Pipe-Gravity Conductor Pipe-Pumped Dump Bailer Other (Explain)	ا ا	<i>D</i> va.		□ 208					ليا	Lul * "
Conductor Pipe-Gravity	23 Out (specify Deopro	De							
Unconsolidated Formation	Formation	Type:			1''			-		_
Total Well Depth (ft.) Casing Diameter (ins.) (6) Sealing Materials	_		☐ Bedro	nck		=	-	ravity		-
Neat Cement Grout	•									
Casing Depth (ft.) Was Well Annular Space Grouted? Yes No Unknown If Yes, To What Depth? Sealing Material Used From (Ft.) Sealing Material Used From (Ft.) Surface From (Ft.) Surface Surface Surface For DNR OR COUNTY USE ONLY Date Received/Inspected District/County Street or Route Casing Depth (ft.) Sand-Cement (Concrete) Grout Concrete Clay-Sand Slurry Bentonite - Cement Grout Chipped Bentonite Chipped Bentonite To (Ft.) Surface To (Ft.) Surface To (Ft.) For DNR OR COUNTY USE ONLY Date Received/Inspected District/County Noncomplying Work Noncomplying Work Noncomplying Work			Casing Diamete	r (ins.)		•				-
Casing Depth (ft.) Was Well Annular Space Grouted? If Yes, To What Depth? Sealing Material Used Sealing Material Used From (Ft.) Surface To	(From grou	ndsurface)								ing well boreholes only
Was Well Annular Space Grouted?	Corio Do	-4. (G.)					•	ncrete) Groi		
Was Well Annular Space Grouted? Yes No Unknown If Yes, To What Depth? Feet Chipped Bentonite Sealing Material Used From (Ft.) To (Ft.) Sacks Sealant One One One One One One One One One One	Casing Dep	om (IL)							1 ==	
Sealing Material Used From (Ft.) To (Ft.) Sacks Sealant (Circle One) Or Mud Weight	Was Wall	Annular Space Courted?	□ v _m	□ No. □ Helmone			•			
Sealing Material Used From (FL) Granular Bentonite Surface Surface Surface To (FL) Sack Sealant (Circle One) or Mud Weight Surface To (FL) Surface To (FL) Sack Sealant (Circle One) or Mud Weight To (FL) Surface To (FL) Sack Sealant (Circle One) or Mud Weight To (FL) Sack Sealant (Circle One) or Mud Weight To (FL) Sack Sealant (Circle One) or Mud Weight To (FL) Surface To (FL) Surface To (FL) Surface To (FL) Sack Sealant (Circle One) Mix Ratio One or Mud Weight To (FL) Surface To (FL) Surface To (FL) Sack Sealant (Circle One) Mix Ratio One or Mud Weight To (FL) Surface To (FL) To (FL) Surface To (FL) Surface To (FL) Surface To (FL) To (FL) Surface To (FL) To		<u>-</u>	П ₁₀						i Li Beni	onie - Ceneni Groui
Surface Surf		To What Deput:		ræ	<u> </u>		per Bentonia			
Surface Surf	(7)	Sealing Mater	ial Used		Fro	m (Ft.)	To (Ft.)	(Sacks) Sea	lant (Circle	Mix Ratio
					<u> </u>			or Volur	ne Ole)	or wind weight
(8) Comments: (9) Name of Person or Firm Doing Sealing Work Signature of Person Doing Work Street or Route (10) FOR DNR OR COUNTY USE ONLY Date Received/Inspected District/County Reviewer/Inspector Complying Work Noncomplying Work	60	anula - Rar	tanite		S	urface	17	A	り	
(9) Name of Person or Firm Doing Sealing Work Signature of Person Doing Work Street or Route Signature of Person Doing Work Date Signed Date Signed Complying Work Date Received/Inspector Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Date Signed Complying Work Date Signed		anolar Ser	110mile				<u> </u>			· · · · · · · · · · · · · · · · · · ·
(9) Name of Person or Firm Doing Sealing Work Signature of Person Doing Work Street or Route Signature of Person Doing Work Date Signed Date Signed Complying Work Date Received/Inspector Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Date Signed Complying Work Date Signed							1	ļ	l	
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(9) Name of Person or Firm Doing Sealing Work Signature of Person Doing Work Street or Route Signature of Person Doing Work Date Signed Date Signed Complying Work Date Received/Inspector Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Date Signed Complying Work Date Signed										
(9) Name of Person or Firm Doing Sealing Work Signature of Person Doing Work Street or Route Signature of Person Doing Work Date Signed Date Signed Complying Work Date Received/Inspector Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Date Signed Complying Work Date Signed										
(9) Name of Person or Firm Doing Sealing Work Signature of Person Doing Work Street or Route Signature of Person Doing Work Date Signed Date Signed Complying Work Date Received/Inspector Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Complying Work Date Signed Date Signed Complying Work Date Signed							<u> </u>	<u> </u>	<u> </u>	
Signature of Person Doing Work Street or Route Date Signed Date Received/Inspected District/County Reviewer/Inspector Complying Work	(8) Comments:									
Signature of Person Doing Work Street or Route Date Signed Date Received/Inspected District/County Complying Work Noncomplying Work	-				· · · · ·	1.74 OV				
Signature of Person Doing Work Date Signed Reviewer/Inspector Complying Work: Street or Route Telephone Number			ing Work							
Reviewer/Inspector Complying Work Street or Route Telephone Number Noncomplying Work	<u> 5011</u>	Essentials	US S			Date	Keceaved/Insp	ected	Distr	act/County
Street or Route Telephone Number Noncomplying Work	Signature o	t Person Doing Work	Date Signed			D=-	arrical for an arri	_		Compluing Work
112 7th Avanua (608) 527-2355 Followshi Necessary	Street or Do	oute	Telephone h	umber	1	Veal	-меттересто	L		
			(608)	7-2355	}	Follo	wam Nacee	31°V		Troncomplying WOLK

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

Admin. Code, whichever is applicable. Also, see instructions on	
(I) GENERAL INFORMATION	(2) FACILITY NAME
Weil/Drillhole Borchole County	Original Well Owner (If Known)
Location GP-5 Dane	
_ \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Present Well Owner
1/4 of 3W 1/4 of Sec. 12; T. / N. R. 8	
(If applicable)	Street or Route
Gov't Lot Grid Number	
Grid Location	City, State, Zip Code
ft. N. S.,ft. E. W.	
Civil Town Name	Facility Well No. and/or Name (If Applicable) WI Unique Well No.
Middleton	
Street Address of Well	Reason For Abandonment
6619 University Avenue	Probehole not in use
City, Yillage	Date of Abandonment
Middleton	1/23/96
WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole Borehole Construction Completed On	(4) Depth to Water (Feet)
(Date) 1/23/96	Pump & Piping Removed? Yes No Not Applicable
	Liner(s) Removed? Yes No No Not Applicable
Monitoring Well Construction Report Available?	Screen Removed? Yes No Not Applicable
☐ Water Well ☐ Yes 🔀 No	Casing Left in Place? Yes No
Drillhole	If No, Explain No casing installed
Borehole	
	Was Casing Cut Off Below Surface? Yes No
Construction Type:	Did Sealing Material Rise to Surface? Yes No
Drilled Driven (Sandpoint) Dug	Did Material Settle After 24 Hours? Yes No
Other (Specify) Geoprobe	If Yes, Was Hole Retopped? Yes No
r m	(5) Required Method of Placing Sealing Material
Formation Type:	Conductor Pipe-Gravity Conductor Pipe-Pumped
☐ Bedrock	Dump Bailer Other (Explain)
Total Well Depth (ft.) Casing Diameter (ins.)	(6) Sealing Materials For monitoring wells and
(From groundsurface)	Neat Cement Grout monitoring well boreholes only
	Sand-Cement (Concrete) Grout
Casing Depth (ft.)	Concrete Bentonite Pellets
	Clay-Sand Slurry Granular Bentonite
Was Well Annular Space Grouted? Yes No Unknown	Bentonite-Sand Slurry Bentonite - Cement Grout
If Yes, To What Depth? Feet	Chipped Bentonite
0	No. Yards, (Circle Mix Ratio
Sealing Material Used	From (Ft.) To (Ft.) Sacks Sealant One) or Mud Weight
Granular Bentonite	Surface 17 1/3
(8) Comments:	
(9) Name of Person or Firm Doing Sealing Work	(10) FOR DNR OR COUNTY USE ONLY
Soil Essontials	Date Received/Inspected District/County
Signature of Person Doing Work Date Signed	
	Reviewer/Inspector Complying Work
Street or Route Telephone Number	Noncomplying Work
117 7th Avanua (608) 527-2355	Followarm Nacescary

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

(I) GENERAL INFORMATION		IO EACH	ITYNAME				
	County	. 1 \. ((If Known)			
Well/Brillhold Borehole Location		Original Well Owner (If Known)					
	Dane	D	Well Owner				
NE 1/4 of SW 1/4 of Sec. /3	2 m 7 vm 9 🔯	Present	Well Owner				
	<u>∠ ; T. ∠ N; R. </u>		. D	· · · · · · · · · · · · · · · · · · ·			
(If applicable)		2 neer o	r Route				
Gov't Lot	Grid Number	- St - 6	7. 5				
Grid Location		City, S	tate, Zip Cod	С			
ft. N. S.,	ft.	<u> </u>	***				
Civil Town Name		Facility	Well No. and	/or Name (If Applicab	le) WI Unique Well No.		
Middleton					<u></u>		
Street Address of Well		Reason	For Abandon	ment .			
6619 Univers	sity Avenue	Prol	schole r	not in use			
City, vimage		Date of	Abandonmen	ıt.			
Middleton			1/23/	96			
WELL/DRILLHOLE/BOREHOLE	INFORMATION			•			
(3) Original Well/Drillhole Borehole Go	onstruction Completed On	(4) Depth to	o Water (Fee	1)			
(Date) 1/23/96		Pump &	Piping Rem	oved? Yes	No Not Applicable		
1/23/10			Removed?	 ∏ %s ∏	No Not Applicable		
☐ Monitoring Well	Construction Report Available?		Removed?		No Not Applicable		
Water Well	Yes No	i .	Left in Place?		No No No No No No No		
Drillhole	LI Yes EL No			casing ins			
Borchole		1110,2	Aprain 148	casing ins	TAILEA		
Borenoie		Was Ca	sing Cut Off	Below Surface? [7 Yes □ No		
Constant of Theorem			-	•			
Construction Type:	(Sandroint) Dug	Did Sealing Material Rise to Surface? Yes No Did Material Settle After 24 Hours? Yes No					
				L.	☐ Yes ☐ No		
Other (Specify) Geoprof	<u>xe</u>	11.10	, Was Hole R	embben:] Yes [] No		
r . m		(5) Required	d Method of I	Placing Sealing Materia	ıl		
Formation Type:	—	Conductor Pipe-Gravity Conductor Pipe-Pumped					
Unconsolidated Formation	Bedrock		p Bailer	•	(Explain)		
Total Well Depth (ft.) C	asing Diameter (ins.)	(6) Sealing	<u> </u>		monitoring wells and		
(From groundsurface)		Neat Cement Grout monitoring well boreholes only					
(ncrete) Grout			
Casing Depth (ft.)		Conx		· —	Bentonite Pellets		
cusing Depart (12)		, <u></u>	-Sand Slurry		Granular Bentonite		
Was Well Annular Space Grouted?	□ V □ N- □ H-1		onite-Sand S				
If Yes, To What Depth?	Yes No Unknown Feet		ped Bentonit		Bentonite - Cement Grout		
	rea		ped Bentomo				
(7) Sealing Materia	al I lead	From (Ft.)	To (Ft.)	No. Yards, (Circ Sack) Sealant (One	le Mix Ratio		
	1 0300	Fiolit (FL)	10 (11.)	or Volume One	e) or Mud Weight		
		Surface	1,-7	1 1/-			
Granular Ben	tonite		17	1/3			
			į	•			
		_		·			
		i .	}				
			<u> </u>	<u> </u>			
(8) Comments:							
(9) Name of Person or Firm Doing Seali	ng Work	(10)	FOR	DNR OR COUN	TY USE ONLY		
Soil Essentials	;	Date	Received/Insy	pected	District/County		
Signature of Person Doing Work	Date Signed						
3		Revi	ewer/Inspecto	τ	Complying Work		
Street or Route	Telephone Number		•		Noncomplying Work		
11m 7th Avenue	(608) 527-2355	Follo	nurami Nacaes	arv			

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

(I) GENERAL INFORMATION		(2) FACILITY NAME						
	ounty Dane	Original Well Owner (If Known)						
NE 1/4 of SW 1/4 of Sec. 12	- ⊠ E	Present	Well Owner					
(If applicable) Gov't Lot	Grid Number	Street o	r Route			*** **********************************		
Grid Location	Gra Number	City, St	ate, Zip Cod	le				
ft. N. S.,	ft. \square E. \square W.		, -,	-				
Civil Town Name		Facility	Well No. and	l/or Name (II Appli	cable) W	I Unique Well No.		
Middleton								
Street Address of Well		_	For Abandon					
6619 Universi	ity Avenue	Probehole not in use						
City. Village		Date of	Abandonmer	ıt .				
Middleton	Maria	<u> </u>	1/23/	76		·		
WELL/DRILLHOLE/BOREHOLE I		Ico Danie	- W (C	· · · · · · · · · · · · · · · · · · ·				
(3) Original Well/Drillhole Borehole Con-	struction Completed On	1,,	Water (Fee	·	. — M. 1			
(Date) 1/23/96			Piping Rem					
		1	Removed? Removed?	☐ Ye		Not Applicable		
☐ Monitoring Well Co	onstruction Report Available?	I.	Left in Place	,	s 口 ½ [s 図 ½	Not Applicable		
Drillhole	LI IES EXTVO			casing in		1		
Borehole			<u> </u>	Lasing III		a		
		Was Ca	sing Cut Off	Below Surface?	☐ Yes	∏ No		
Construction Type:		Did Sealing Material Rise to Surface? Yes No Did Material Settle After 24 Hours? Yes No						
Drilled Driven (Sa	andpoint) 🔲 Dug							
Other (Specify) Geoprobe	2	If Yes	, Was Hole R	letopped?	Yes No			
, , , ,		(5) Required	Method of I	Placing Sealing Mat	erial			
Formation Type:		Conc	luctor Pipe-C	ravity	nductor Pipe	-Pumped		
Unconsolidated Formation	☐ Bedrock	Dump Bailer Other (Explain) (6) Sealing Materials For monitoring wells and Neat Cement Grout monitoring well boreholes only						
Total Well Depth (ft.) Cas	ing Diameter (ins.)							
(From groundsurface)								
		1 =		ncrete) Grout	_			
Casing Depth (ft.)		Conk		i	☐ Bentoni			
W. W. H. A L. C C 10		. —	-Sand Slurry	. ! !	Granula	r Bentonite		
Was Well Annular Space Grouted? If Yes, To What Depth?	Yes No Unknown		onite-Sand S ped Bentonit		_] Bentoni	te - Cement Grout		
	Feet	Cump	ped Bentonn	T No Vondo				
(7) Sealing Material	Used	From (Ft.)	To (Ft.)	VSacke Caplant (Circle One)	Mix Ratio or Mud Weight		
	. 1	Surface	17	1/2				
<u>Granular Bent</u>	onite		1 1	12	_			
					Ì			
				 				
					l			
				1				
(8) Comments:								
(9) Name of Person or Firm Doing Sealing	Work	(10)	FOL	DNR OR COU	INTY	F ONLY		
Soil Essentials	, ··· •••		Received/Ins		District/			
Signature of Person Doing Work	Date Signed							
3	•	Revie	wer/Inspecto	π		mplying Work		
	Telephone Number] [א □	oncomplying Work		
1100 7th Avania	(608) 527-2355	Follo	wam Narpec	атУ	* *			

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

(1)	GENERAL INFORMATION		11./	CILITY NAME				
		County	Original Well Owner (If Known)					
	Location GP-8	Dane	<u> </u>					
	NE 1/4 of SW 1/4 of Sec. 12	2 : T. 7 N. R. 8 1 W	Pre	sent Well Owner				
	(If applicable)		Stre	et or Route				
	Gov't Lot	Grid Number						
	Grid Location		Cit	y, State, Zip Cod	e			
	ft. N. S.,	ft. E. W.		•				
	Civil Town Name		Fac	lity Well No. and	Vor Name (If Applicable) WI Unique Well No.		
	Middleton Street Address of Well		1					
	Street Address of Well		Rea	son For Abandon	ment			
	6619 Univers	situ Avenue	l P	robehole i	not in use			
	City, vimage		Dat	e of Abandonmer	ıt	·		
	Middleton			1/23/	96			
	ELL/DRILLHOLE/BOREHOLE				•			
(3)	Original Well/Drillhole Borehole 90	onstruction Completed On	(4) Dep	oth to Water (Fee	i)			
	(Date) 1/73/96		Pun	np & Piping Rem	oved? 🔲 Yes 🔲	No 🔀 Not Applicable		
			Line	er(s) Removed?	∏ Yes ∏	No Not Applicable		
	Monitoring Well	Construction Report Available?	Scre	en Removed?	⊢ sey ⊢	No Not Applicable		
	☐ Water Well	☐ Yes No	Cas	ing Left in Place	? ☐ Yes 🗖	No		
	☐ Drillhole		IfN	o, Explain No	casing inst	alled		
	☑ Borchole		İ		J			
	•		Was	s Casing Cut Off	Below Surface?	Yes No		
	Construction Type:		Did	Sealing Material	Rise to Surface?	Yes 🔲 No		
	Drilled Driven (Material Settle A		☐ Yes ☐ №		
	Other (Specify) Geoprof	oe	If	Yes, Was Hole R	letopped?	Y≈		
	•		(5) Req	uired Method of I	Placing Sealing Material			
	Formation Type:	-		Conductor Pipe-C		or Pipe-Pumped		
	Unconsolidated Formation	☐ Bedrock		Dump Bailer	Other (E			
	Total Well Depth (ft.) C	asing Diameter (ins.)		ing Materials		nonitoring wells and		
	(From groundsurface)			Neat Cement Gro		toring well boreholes only		
	(· · · · · ·)	ļ		Sand-Cement (Co				
	Casing Depth (ft.)			Concrete	•	entonite Pellets		
		ł		Clay-Sand Slurry		ranular Bentonite		
	Was Well Annular Space Grouted?	Yes No Unknown		Bentonite-Sand S		entonite - Cement Grout		
	If Yes, To What Depth?	Feet	_	Chipped Bentonit	• • • • • • • • • • • • • • • • • • • •			
(7)			- =		No. Yards, Circle	T 10: D :		
(1)	Sealing Materia	ıl Used	From (Ft.) To (Ft.)	Sacks Sealant (Circle One)	Mix Ratio or Mud Weight		
	Granular Ben	tanito	Surfax	× 17	1/3			
	OTATIONAL SER	701110		- 	 			
		;						
	<u> </u>							
(8)	Comments:							
(9)	Name of Person or Firm Doing Seali	ng Work	(10) FOF	DNR OR COUNT	Y USE ONLY		
	Soil Essentials		l I	Date Received/Ins	pected D	istrict/County		
	Signature of Person Doing Work	Date Signed						
				leviewer/Inspecto	π [[Complying Work		
	Street or Route	Telephone Number				Noncomplying Work		
	117 7th Avanua	(608) 527-2355	l lī	inllowam Neces	arv .			

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

(I) GENERAL INFORMATION	(2) FACILITY NAME
Well/Drillhold Borchold Location GP-9 Dane	Original Well Owner (If Known)
NE 1/4 of 5W 1/4 of Sec. 12; T. 7 N. R. 8	Present Well Owner
(If applicable)	Street or Route
Grid Location Grid Number	City, State, Zip Code
ft.	Facility Well No. and/or Name (If Applicable) WI Unique Well No.
Civil Iown Name M: ddletos	Facility Well No. and/or Name (if Applicable) WI Onique Well No.
Middleton Street Address of Well	Reason For Abandonment
City, Village University Avenue	Probehole Not in Usc Date of Abandonmenti
Middleton	2/21/96
WELL/DRILLHOLE/BOREHOLE INFORMATION	
(3) Original Well/Drillhole/Borehole Construction Completed On	(4) Depth to Water (Feet)
(Date) 2/21/96	Pump & Piping Removed?
Construction Deposit Ausilable?	Liner(s) Removed? Yes No Not Applicable Screen Removed? Yes No Not Applicable
☐ Monitoring Well Construction Report Available? ☐ Water Well ☐ Yes ☐ No	Screen Removed? Yes No Mot Applicable Casing Left in Place? Yes No
Drillhole	If No. Explain No Casing Installed
Borehole	J
	Was Casing Cut Off Below Surface? Yes No
Construction Type: Drilled	Did Sealing Material Rise to Surface? Yes No Did Material Settle After 24 Hours? Yes No
Drilled Driven (Sandpoint) Dug Other (Specify) George	If Yes, Was Hole Retopped? Yes No
	(5) Required Method of Placing Sealing Material
Formation Type:	Conductor Pipe-Gravity Conductor Pipe-Pumped
✓ Unconsolidated Formation ☐ Bedrock	Dump Bailer Other (Explain)
• ' '	(6) Sealing Materials For monitoring wells and
(From groundsurface)	☐ Neat Cement Grout monitoring well boreholes only
Casing Depth (ft.)	Sand-Cement (Concrete) Grout Concrete Bentonite Pellets
	Clay-Sand Slurry Granular Bentonite
Was Well Annular Space Grouted? Yes No Unknown	Bentonite-Sand Slurry Bentonite - Cement Grout
If Yes, To What Depth? Feet	Chipped Bentonite
(7) Sealing Material Used	From (Ft.) To (Ft.) No. Yards, (Circle One) Mix Ratio or Wolume One) or Mud Weight
Granular Bentonite	Surface 27 2
(8) Comments:	
(9) Name of Person or Firm Doing Sealing Work	(10) FOR DNR OR COUNTY USE ONLY
North Shore Environmental Construction	Date Received/Inspected District/County
Signature of Person Doing Work Date Signed	Reviewer/Inspector Complying Work
Street or Route Telephone Number (414) 7 5 5 - 4468	Noncomplying Work
17W18493 Fulton Dr. (414) 255-4468	Follow-up Necessary

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

(I) GENERAL INFORMATION	(2)	FACIL	ITYNAME		
Well/Drillfol Borehole County	1		Well Owner	(If Known)	
Location GP-10 Dane		-		•	
	1-	Present	Well Owner		
NE 1/4 of Sw 1/4 of Sec. 12; T. 7 N. R. 8 WE (If applicable)					
(If applicable)	╁─	Street	r Route		
Gov't Lot Grid Number	1	0			
Grid Location Grid Number	-	Cine 6	tate, Zip Cod		
	1	City, 3	iate, Zip Coo	C	
ft. N S., ft. E. W.	 	Lagrier.	Wall No. one	Voc Name (III Ameliaania	AMARIA WANTAN
Civil Town Name	1	racinty	Well No. and	Vor Name (If Applicable)	WI Unique Well No.
Middleton Street Address of Well					
			For Abandon		
6619 University Avenue	1	Prol	se hole	Not in Use	
City, vinage	T	Date of	Abandonmer	í .	
Middleton			2	121/96	
WELL/DRILLHOLE/BOREHOLE INFORMATION				•	
Original Well/Drillhole/Borehole Construction Completed On	(4)	Depth t	Water (Fee)	
(Date) 2/21/96	``		Piping Rem	oved?	No Not Applicab
(Dat) 2/21/10	l		Removed?		==
Company Day Audichia	1	-	Removed?		
Monitoring Well Construction Report Available?					
☐ Water Well ☐ Yes ☐ No	ļ	_	Left in Place		
Drillhole		II No, E	xplain No	Casing Inst	alled
≥ Borehole					
			-	Below Surface?	Yes No
Construction Type:		Did Sea	ling Material	Rise to Surface?	Yes 🔲 No
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug		Did Ma	terial Settle A	fter 24 Hours?	Yes No
Other (Specify) Geoprobe	l	If Yes	, Was Hole R	etopped?	Yes No
- Complete C	<u></u>				
Formation Type:	(5)	Kequire	i Method of I	Placing Sealing Material	
Unconsolidated Formation Bedrock	1	Cond	fuctor Pipe-G	ravity Conducto	r Pipe-Pumped
M Checksondated Formation	i	Dum	p Bailer	Other (E	xplain)
Total Well Depth (ft.) Casing Diameter (ins.)	(6)	Sealing	Materials		nonitoring wells and
(From groundsurface)			Cement Gro	· ·	toring well boreholes on
,				ncrete) Grout	orma went donomores or
Casing Depth (ft.)		Conk	-	·	entonite Pellets
Cashie Departitud		==			
Was Wall Association Court to Care Court to			-Sand Slurry	, —	ranular Bentonite
Was Well Annular Space Grouted? Yes No Unknown			onite-Sand S	•	entonite - Cement Grout
If Yes, To What Depth? Feet		∐ Chip	ped Bentonit	:	
)				No. Yards, (Circle	Mix Ratio
Sealing Material Used	Fre	om (Ft.)	To (Ft.)	or Volume (Circle One)	or Mud Weight
	<u> </u>	<u> </u>			†
Granular Bentonite	l s	urface	27	人	1
CIAMINION DEMINING					
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	1				
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	1		•	ĺ	{
	<u> </u>			<u> </u>	<u>L</u>
Comments:					
Name of Person or Firm Doing Sealing Work		(10)	FOR	DNR OR COUNTY	USE ONLY
North Shore Environmental Construction	1	Date	Received/Insp		strict/County
Signature of Person Doing Work Date Signed	1		7		
Date of Estate	1	Revi	wer/Inspecto	-	Complying Work
Street or Route Telephone Number	1			` 	
Telephone Number 7 W18493 Fulton Dr. (414) 7 5 5-41468	1		water Naces		Noncomplying Work
		HALIA	With Nersec	a anti-arrivation de la constitución de la constitu	00000 00000000000000000000000000000000

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

(I) GENERAL INFORMATION	(2) FACILITY NAME				
Well/Drillholo Borchole County	Original Well Owner (If Known)				
Location GP-11 Dane	Present Well Owner				
NE 1/4 of SW 1/4 of Sec. 12 : T. 7 N. R. 8 17 W	Present Well Owner				
NE 1/4 of SW 1/4 of Sec. 12; T. 7 N. R. 8 WE (If applicable)	Street or Route				
Gov't Lot Grid Number					
Grid Location	City, State, Zip Code				
ft. N S.,ft. E. W.					
Civil Town Name	Facility Well No. and/or Name (If Applicable) WI Unique Well No.				
Middleton Street Address of Well	Reason For Abandonment				
GGIA Hawassih. Aranga					
City. Village	Date of Abandonmerst				
Middleton	Probehole Not in Use Date of Abandonmenti 2/21/96				
WELL/DRILLHOLE/BOREHOLE INFORMATION					
(3) Original Well/Drillhole/Borehole Construction Completed On	(4) Depth to Water (Feet)				
(Date) <u>Z/21/96</u>	Pump & Piping Removed? Yes No No Applicable				
<u> </u>	Liner(s) Removed? Yes No Not Applicable				
Monitoring Well Construction Report Available?	Screen Removed? Yes No Not Applicable				
☐ Water Well ☐ Yes ☐ No	Casing Left in Place? Yes No				
Drillhole	If No. Explain No Casing Installed				
Borehole	Was Casing Cut Off Below Surface? Yes No				
Construction Type:	Did Sealing Material Rise to Surface? Yes No				
Drilled Driven (Sandpoint) Dug	Did Material Settle After 24 Hours? Yes No				
Other (Specify) Geoprobe	If Yes, Was Hole Retopped? Yes No				
•	(5) Required Method of Placing Sealing Material				
Formation Type:	Conductor Pipe-Gravity Conductor Pipe-Pumped				
☑ Unconsolidated Formation ☐ Bedrock	Dump Bailer Other (Explain)				
Total Well Depth (ft.) Casing Diameter (ins.)	(6) Sealing Materials For monitoring wells and				
(From groundsurface)	☐ Neat Cement Grout monitoring well boreholes only				
	Sand-Cement (Concrete) Grout				
Casing Depth (ft.)	Concrete Bentonite Pellets				
Was Wall Appeller Course Countrill	Clay-Sand Shurry Granular Bentonite				
Was Well Annular Space Grouted? Yes No Unknown If Yes, To What Depth? Feet	Bentonite-Sand Slurry Bentonite - Cement Grout Chipped Bentonite				
	I No Voric				
(7) Sealing Material Used	From (Ft.) To (Ft.) No. Yards, (Circle or Mix Ratio or Volume One) or Mud Weight				
Granular Bentonite	Surface 2.7 ½				
<u> </u>					
(8) Comments:					
(9) Name of Person or Firm Doing Sealing Work	(10) FOR DNR OR COUNTY USE ONLY				
North Shore Environmental Construction	Date Received/Inspected District/County				
Signature of Person Doing Work Date Signed					
NITWISTON FUHONDS. Telephone Number (414) 7.55-4469	Reviewer/Inspector Complying Work				
Street on Pouts l'Tolonhous Nough I	Noncomplying Work				

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

711	GENERAL INFORMATION		IO) EACH	ITY NAME				
(1)		County		d Well Owner	(If Vnoum)			
	Well/Drillhok (Borehole) Location GP-12	Dane	Origina	it well Owler	(II Kilowii)			
	NE 1/4 of SW 1/4 of Sec. 17	\ <u>\</u> \\ \\ E	Present	Well Owner				
	(If applicable) Gov't Lot	Grid Number	Street	or Route				
	Grid Location	Grainumer	City, S	tate, Zip Cod	c.			
	ft. N. S.,	ft. \(\begin{aligned} \text{E.} \\ \text{W.} \end{aligned} \)		and, Esp due				
-	Civil Town Name	<u></u>	Facility	Well No. and	/or Name (If Applicable)	WI Unique Well No.		
	Middleton Street Address of Well		Reason	For Abandon	ment			
	6619 University	Avenue	1					
_	City, Village		Date of	Abandonmen	Not in Use			
Wi	Middleton ELL/DRILLHOLE/BOREHOLE	INFORMATION			121/96			
(3)			(4) Depth	o Water (Feet	<u>, </u>			
(-)		abuseion Completed On	1,,	& Piping Rem	· 	No Not Applicable		
	$\frac{2/21/96}{}$			c riping Rem Removed?		No Not Applicable		
	☐ Monitoring Well	Construction Report Available?	1	Removed?		No Mot Applicable		
	☐ Water Well	☐ Yes ☐ No	Casing	Left in Place?	· ⊢ H ∞ H	No ,		
	☐ Drillhole		If No, I	explain No	Casing Inst	alled		
	☑ Borehole				<u> </u>			
			1	_	Below Surface?	Yes No		
	Construction Type:	·	1	•	Rise to Surface?	Yes No		
		Sandpoint) Dug	Did Material Settle After 24 Hours? Yes No					
	Other (Specify) Geoprob	<u> </u>		s, Was Hole R		Yes No		
	Formation Type:		(5) Require	d Method of F	Placing Sealing Material			
	☑ Unconsolidated Formation	☐ Bedrock	Conductor Pipe-Gravity Conductor Pipe-Pumped Dump Bailer Other (Explain) Sealing Materials For monitoring wells and					
	Total Well Depth (ft.) C	asing Diameter (ins.)						
	(From groundsurface)		_	t Cement Gro		oring well boreholes only		
			. =	d-Cement (Co				
	Casing Depth (ft.)		. =	crete	=	entonite Pellets		
	Was Wall Appellar Court 12			/-Sand Slurry	. —	anular Bentonite		
	Was Well Annular Space Grouted? If Yes, To What Depth?	Yes No Unknown Feet	. =	tonite-Sand Sl oped Bentonite	· —	entonite - Cement Grout		
(7)				1		Mix Ratio		
	Sealing Materia	l Used	From (Ft.)	To (Ft.)	No. Yards, (Circle One)	or Mud Weight		
	Granular Bento.	nite	Surface	36	左			
			_					
•								
			ļ					
(8)	Comments:							
(9)	Name of Person or Firm Doing Sealing	ng Work	(10)	FOR	DNR OR COUNTY	USE ONLY		
, ,	_	<u> </u>		Received/Insp		strict/County		
	North Shore Environm Signature of Person Doing Work	Date Signed		•				
	•		Revi	ewer/Inspecto		Complying Work		
דווא	Street or Route W18493 Fulton Dr.	Telephone Number (414) 7 5 5 - 41468				Noncomplying Work		
		1 (TIM) / T S S S M M M M	i Beatl	wim Nersec	arv			

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.

GENERAL INFORMATION	11 /		TYNAME			
Well/Drillhold Borchold County		Original	Well Owner	(If Known)		
Location GP-13 Dane						
		Present	Well Owner			
$ \underbrace{NE}_{\text{(If applicable)}} 1/4 \text{ of Sec. } 1/2 \text{ ; T. } 7 \text{ N. R. } \cancel{S} \stackrel{\boxtimes}{\square} ^{\text{E}} $	1					
(If applicable)	1-	Street or	Route			
Gov't Lot Grid Number						
Grid Location Grid Location	+-	City St	ate, Zip Cod	A		
		City, 30	ate, zap eou	•		
ft.	-├	Sacritor.	Wall No. and	/or Name (If Applic	2020 10011	nique Well No.
Civil Iown Name	1 '	racinty	WEII IVO. ALK	tor Manie (it Applic	WI OI	ndne men 140
Middleton Street Address of Well	<u> </u>				<u></u>	
Street Address of Well			or Abandon			
Giry Village University Avenue		Prot	ehole	Not in U	se	
Chy, Thago		Date of A	Abandonmen	t		
Middleton	1		2	121/96		
ELL/DRILLHOLE/BOREHOLE INFORMATION						
Original Well/Drillhole/Borehole Construction Completed On	(4)	Depth to	Water (Feet)		···-
· · · · · · · · · · · · · · · · · · ·	1,,	-	Piping Rem	· 		Not Applicab
(Date) 2/21/96			Removed?		_	
The same of the sa	1			☐ Yes		Not Applicab
Monitoring Well Construction Report Available?	ľ		emoved?			Not Applicab
☐ Water Well ☐ Yes ☐ No			eft in Place?		□ No	
Drillhole	1	I No. E	cplain No	Casing In	15tallea	
☑ Borchole	1 -					
	\	Was Cas	ing Cut Off	Below Surface?	☐ Yes ☐	No
Construction Type:]]	Did Seal	ing Material	Rise to Surface?	Yes 🗌	No
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug	1	Did Mat	erial Settle A	fter 24 Hours?	☐ Y∝ ☐	No
Other (Specify) Geoprobe		If Yes,	Was Hole R	etopped?	∏ Y⇔ ∏	No
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	<u></u>	· · · ·	1 A -1 1 CT	N C 11 M		
Formation Type:	1,,			lacing Sealing Mate		
☑ Unconsolidated Formation ☐ Bedrock	[_ Cond	uctor Pipe-G	ravity Con	ductor Pipe-Pu	mped
De checkbondance I chinagon		_ Dum	p Bailer	Oth	er (Explain)	
Total Well Depth (ft.) Casing Diameter (ins.)	(6)	Sealing l	Materials		For monitoring	wells and
(From groundsurface)	1 [Neat	Cement Gro	ut 1	monitoring we	ll boreholes or
	lï	Sand	-Cement (Co	ncrete) Grout		
Casing Depth (ft.)	Ιř	Conc	-		Bentonite P	ellets
	lř		Sand Slurry		Granular Be	
Was Well Annular Space Grouted?		= •	onite-Sand S		Bentonite -	
If Yes, To What Depth?	` ¦		ped Bentonit		Domonie -	-unon Oiou
n res, to minitize pull	<u> </u>	_ спр	ren penioniti			
Sealing Material Used	Fro	n (Ft.)	To (Ft.)	No. Yards, or Volume	ircle	Mix Ratio
ownig mada oso	1 101	(1 h)	10 (1/L)	or Volume	One) or	Mud Weight
	9.,	uface		i ,		
Granular Bentonite			36	2		
	T					
	1]	
	1				 	
	1	1				
	1					
		ļ		l		
Comments:				<u>' </u>		
					-	
Name of Person or Firm Doing Sealing Work	1	(10)	PAR	DNR OR COU	NUDVE TION	NIV
	1	****				
North Shore Environmental Construction	1	Date)	Received/Insy	ected	District/Cou	m ıy
Signature of Person Doing Work Date Signed						
	1	Kevie	wer/Inspecto	τ		ying Work
Street or Route Telephone Number (414) 755-4468	1				☐ Nonce	mplying Wor
7W18493 Fulton Dr. (414) 755-4468	i		at two Nacasa			

1 (414)7 R F_ 4468

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

(I) GENERAL INFORMATION	(2) FACILITY NAME
Well Drillion Borehole County	Original Well Owner (If Known)
Location GP-14 Dane	
NE 1/4 of Sw 1/4 of Sec. 12; T. 7 N. R. 8 WE (If applicable)	Present Well Owner
(If applicable)	Street or Route
Gov't Lot Grid Number	
Grid Location ft.	City, State, Zip Code
Civil Town Name Middleton	Facility Well No. and/or Name (If Applicable) WI Unique Well No.
Street Address of Well	Reason For Abandonment
6619 University Avenue	Probehole Not in Use
City, v mago	Probehole Not in USC Date of Abandonment 2/21/96
Middleton WELL/DRILLHOLE/BOREHOLE INFORMATION	2/21/90
(3) Original Well/Drillhole/Borehole Construction Completed On	(4) Depth to Water (Feet)
· •	Pump & Piping Removed? Yes No Not Applicable
(Date) $\frac{Z/2I/96}{}$	Liner(s) Removed? Yes No K Not Applicable
Monitoring Well Construction Report Available?	Screen Removed? Yes No Not Applicable
☐ Water Well ☐ Yes ☐ No	Casing Left in Place? Yes No
Drillhole	If No, Explain No Casing Installed
☑ Borehole	9
	Was Casing Cut Off Below Surface? Yes No
Construction Type: Drilled Driven (Sandpoint) Dug	Did Scaling Material Rise to Surface? Yes No
	Did Material Settle After 24 Hours? If Yes, Was Hole Retopped? Yes No
Other (Specify) Geoprobe	
Formation Type:	(5) Required Method of Placing Sealing Material
Unconsolidated Formation Bedrock	Conductor Pipe-Gravity Conductor Pipe-Pumped
Total Well Depth (ft.) Casing Diameter (ins.)	Dump Bailer Other (Explain) (6) Sealing Materials For monitoring wells and
(From groundsurface)	Neat Cement Grout monitoring well boreholes only
	Sand-Cement (Concrete) Grout
Casing Depth (ft.)	Concrete Bentonite Pellets
<u></u> :	Clay-Sand Slurry Granular Bentonite
Was Well Annular Space Grouted? Yes No Unknown	, , , ,
If Yes, To What Depth? Feet	Chipped Bentonite
(7) Sealing Material Used	From (Ft.) To (Ft.) No. Yards, (Circle Mix Ratio or Volume One) or Mud Weight
Granular Bentonite	Surface 36 ½
(8) Comments:	
(9) Name of Person or Firm Doing Sealing Work	(10) FOR DNR OR COUNTY USE ONLY
North Shore Environmental Construction	Date Received/Inspected District/County
Signature of Person Doing Work Date Signed	
	Reviewer/Inspector Complying Work
N/17 W18493 Fulton Dr. Telephone Number (411) 7 5 5- 41468	Noncomplying Work
TO THE TOTAL	Followatin Necessary

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

(I) GENERAL INFORMATION	(2) FACILITY NAME					
Welt/Drillhold Borchole County	Original Well Owner (If Known)					
Location 6P-15 Dane	Present Well Owner					
NE 1/4 of SW 1/4 of Sec. 12 : T. 7 N. R. 8	Prescrit well Owner					
NE 1/4 of SW 1/4 of Sec. 12; T. 7 N; R. 8 W (If applicable)	Street or Route					
Gov't Lot Grid Number						
Grid Location	City, State, Zip Code					
ft. N. S., ft. E. W.	Facility Well No. and/or Name (If Applicable) WI Unique Well No.					
	Facility Well 140. and/or realite (if Approants) WI Offique Well 140.					
Middleton Street Address of Well	Reason For Abandonment					
6619 University Avenue	Probehole Not in Use					
City, vinage	Probehole Not in Use Date of Abandonmerit 2/21/96					
Middleton	2/21/90					
WELL/DRILLHOLE/BOREHOLE INFORMATION (3) Original Well/Drillhole/Borehole Construction Completed On	(4) Depth to Water (Feet)					
	Pump & Piping Removed? Yes No Not Applicable					
(Date) <u>2/21/96</u>	Liner(s) Removed? Yes No K Not Applicable					
Monitoring Well Construction Report Available?	Screen Removed? Yes No Mot Applicable					
☐ Water Well ☐ Yes ☐ No	Casing Left in Place? Yes No					
Drillhole	If No, Explain No Casing Installed					
≥ Borehole	Was Casing Cut Off Below Surface? Yes No					
Construction Type:	Did Sealing Material Rise to Surface? Yes No					
Drilled Driven (Sandpoint) Dug	Did Material Settle After 24 Hours? Yes No					
Other (Specify) Geoprobe	If Yes, Was Hole Retopped? Yes No					
•	(5) Required Method of Placing Sealing Material					
Formation Type: Unconsolidated Formation Bedrock	Conductor Pipe-Gravity Conductor Pipe-Pumped					
•	Dump Bailer Other (Explain)					
• • • • • • • • • • • • • • • • • • • •	(6) Sealing Materials For monitoring wells and					
(From groundsurface)	Neat Cement Grout monitoring well boreholes only					
Casing Depth (ft.)	Sand-Cement (Concrete) Grout Concrete Bentonite Pellets					
	☐ Clay-Sand Slurry ☐ Granular Bentonite					
Was Well Annular Space Grouted? Yes No Unknown	☐ Bentonite-Sand Slurry ☐ Bentonite - Cement Grout					
If Yes, To What Depth? Feet	Chipped Bentonite					
(7) Sealing Material Used	From (Ft.) To (Ft.) No. Yards, (Circle Mix Ratio or Volume One) or Mud Weight					
53425						
_ Granular Bentonite	Surface 36 ½					
BENIONITE						
(8) Comments:						
(9) Name of Person or Firm Doing Sealing Work	(10) FOR DNR OR COUNTY USE ONLY					
North Shore Environmenta Construction Signature of Person Doing Work Date Signed	Date Received/Inspected District/County					
	Reviewer/Inspector Complying Work					
N/17 W18493 Fulton Dr. Telephone Number (414) 755-41468	Noncomplying Work					
N117W18493 Fulton Dr. (414) > R F_ 41468	Followam Necessary					

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

(I) GENERAL INFORMATION	(1117	LITYNAME			
Well/Drillhole/Corenole	County	Origi	nal Well Owne	r (If Known)		
Location GP-16	Dane					
NE Sulan ca	7 9	'	nt Well Owner			
<u>NE</u> 1/4 of <u>SW</u> 1/4 of Sec. <u>I</u> (If applicable)	2; T. 7 N. R. 8					
* **	G:177 1	Street	or Route			
Grid Location Gov't Lot	Grid Number	City	State, Zip Coo	ie .		
ft. N. S.	ft. \[\begin{array}{c} \text{E.} \\ \text{W} \end{array}	1	State, Zip Co	10		
Civil Town Name	·		y Well No. ark	d/or Name (If Applicable	e) WI Unique Well No.	
A -			•	•	•	
Middleton Street Address of Well		Reaso	n For Abandor	nment		
6619 University	v Avenue	Pro	he hole	Not in Use	2	
City, vinage	<u></u>	Date	of Abandonmer	Not in Use	···	
Middleton_		<u> </u>	2	121/96		
WELL/DRILLHOLE/BOREHOL						
(3) Original Well/Drillhole/Borehole	Construction Completed On	(4) Depth	to Water (Fee	t)		
(Date) $2/21/96$			& Piping Ren	noved? 🔲 Yes 🛭	No Not Applicable	
	•		s) Removed?	☐ Yes [No Not Applicable	
Monitoring Well	Construction Report Available?		Removed?	Y∞_[No Not Applicable	
Water Well	Yes No		g Left in Place	11] No	
Drillhole		II No,	Explain No	Casing Ins	talled	
Borehole		Was	Caring Cut Off	Below Surface?] Yes [] No	
Construction Type:		L .	_	_] Yes □ No	
	n (Sandpoint) Dug	Did Sealing Material Rise to Surface? Yes No Did Material Settle After 24 Hours? Yes No				
Other (Specify) Geopre	A (Outropount)		es, Was Hole I	<u>. </u>	Yes No	
Z out (Pro-)/ Ocopie		• [Placing Sealing Material	-	
Formation Type:		1,,				
Unconsolidated Formation	☐ Bedrock	Conductor Pipe-Gravity Conductor Pipe-Pumped Dump Bailer Other (Explain)				
Total Wall Donth (6)	Casing Diameter (ins.)		g Materials		monitoring wells and	
Total Well Depth (ft.) (From groundsurface)	casing Diameter (his.)		eat Cement Gro		itoring well boreholes only	
(170m groundlines)		. ==	nd-Cement (Co		dwing wen botenoies only	
Casing Depth (ft.)		1 —	ncrete	· · · · · · · · · · · · · · · · · · ·	Sentonite Pellets	
· · · · · ——		. —	ay-Sand Slurry	, 	Granular Bentonite	
Was Well Annular Space Grouted	? Yes No Unknow		ntonite-Sand S	lurry I	Bentonite - Cement Grout	
If Yes, To What Depth?	Feet		ipped Bentonit			
(7)			T	No. Yards, (Circle One)	e Mix Ratio	
Sealing Mate	rial Used	From (Ft) To (Ft.)	or Volume One)		
		Surface				
<u>Granular Bent</u>	onite	Jurace	Z6	名		
		1	1			
(8) Comments:				1		
(9) Name of Person or Firm Doing Sea	aling Work	(10) FOI	R DNR OR COUNT	Y USE ONLY	
_	mental Construction		te Received/Ins		District/County	
Signature of Person Doing Work	Date Signed	1			-	
		Re	viewer/Inspecto	π [Complying Work	
117 W18493 Fulton Dr.	Telephone Number			[[Noncomplying Work	
いっかしるママンドリバクれいり、	(414)7 K K_ 4468	Eo	Linarium Naraec			