GIS REGISTRY INFORMATION

SITE NAME:	Honeck Chevrolet		
BRRTS #:	03-67-001085	**FID #** (if appropriate):	
COMMERCE # (if appropriate):	53040-9999-42		
CLOSURE DATE:	November 28, 2003		
STREET ADDRESS:	1242 Fond Du Lac Ave		
CITY:	Kewaskum		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X =	663520		Y =	339594	
CONTAMINATED MEDIA:	Groundwater		Soil		Both	X
OFF-SOURCE GW CONTAMINATION >ES:	N				No	
• **IF YES, STREET ADDRESS:**						
• **GPS COORDINATES** (meters in WTM91 projection):	X =			Y =		
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	N			No		
• **IF YES, STREET ADDRESS 1:**						
• **GPS COORDINATES** (meters in WTM91 projection):	X =			Y =		
CONTAMINATION IN RIGHT OF WAY:	Y			No		

DOCUMENTS NEEDED

Closure Letter, and any conditional closure letter issued	
Copy of most recent deed, including legal description, for all affected properties	X
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	X
County Parcel ID number, *if used for county*, for all affected properties	X
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	X
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	X
Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.	X
GW: Table of water level elevations, with sampling dates, and free product noted if present	X
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	X
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	X
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	N
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	X
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	x
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
101 West Pleasant Street, Suite 100A
Milwaukee, Wisconsin 53212-3963
TDD #: (608) 264-8777
Fax #: (414) 220-5374
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

January 22, 2004

Ms. Jane Honeck
PO Box 7980
Portland ME 04112

RE: **Final Closure**

Commerce # 53040-9999-42 WDNR BRRTS # 03-67-001085
Honeck Chevrolet, 1242 Fond Du Lac Ave., Kewaskum

Dear Ms. Honeck:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 220-5375.

Sincerely,

Greg Michael
Hydrogeologist
Site Review Section

cc: Sigma Environmental Services, Inc.
Case File

ERS-5524-E (R. 4/98)

SIGMA
ENVIRONMENTAL SERVICES INC
220 East Ryan Road
Oak Creek, WI 53154-4533
414-768-7144
FAX: 414-768-7158

November 3, 2003

Project Reference #1260

Mr. Gregory Michael
Wisconsin Department of Commerce
101 West Pleasant Street
Milwaukee, Wisconsin 53212

RECEIVED
NOV 0 4 2003
ERS DIVISION

RE: Revision (2) GIS Information Packet
Former Honeck Chevrolet
1242 Fond du Lac Ave
Kewaskum, Wisconsin
BRRTS: 03-67-001085
COMM: 53040-9999-42

Dear Mr. Michael:

In accordance with Wisconsin Administrative Code, Chapter NR 726.05 (2)(b)3.b., Sigma Environmental Services, Inc. (Sigma) is submitting the information necessary to list the site on the Geographic Information Systems Registry for closed remediation sites. A request for case closure and groundwater and soil GIS registry have been submitted. However, based on your review of the GIS registry the soil quality table and soil quality map were incomplete. Therefore, Sigma has revised the original soil and groundwater GIS registry to include the updated soil quality table and soil quality map requested in the Wisconsin Department of Commerce letter dated October 2, 2003. The required GIS information is detailed below:

1. ***One-time fee of $250.00 for groundwater and $200.00 for soil per site, for maintenance of the registry.***

   A check in the amount two-hundred and fifty dollars ($250.00 for groundwater) and two-hundred dollars ($200.00 for soil) has been sent to the Wisconsin Department of Natural Resources for the filing fee. A copy of the checks is included as Attachment A.

2. ***A copy of the most recent deed for all affected properties with NR 140 Enforcement Standard (ES) exceedances.***

   A copy of the most recent deed for 1242 Fond du Lac Avenue is included as Attachment B; no other properties were affected by the petroleum hydrocarbon release at concentrations above NR 140 ESs and/or NR 720 Residual Contaminants Levels (RCLs).

3. ***A copy of the certified survey map for properties where the legal description in the most recent deed refers.***

   The Assessor's Plat for the Village of Kewaskum referenced in the deed for 1242 Fond du Lac Avenue is included as Attachment C.

4. ***Parcel identification number for each property.***

   The parcel identification number for the property located at 1242 Fond du Lac Avenue, Kewaskum,

Wisconsin is Z-40244. No other properties were affected by the petroleum hydrocarbon release at concentrations above NR 140 ESs and/or NR 720 RCLs.

5. ***Geographic position data collected in the Wisconsin Transverse Mercater '91 (WTM) coordinate system.***

The WTM geographic position data was determined from the WDNR GIS site. Specifically, the WTM coordinates for the property located at 1242 Fond du Lac Avenue are 663520, 339594; the map is provided as Attachment D.

6. ***A location map that outlines all properties within the contaminated site boundaries to permit the easy location of all parcels.***

The location map is included as Attachment E.

7. ***A location map of all contaminated properties that shows buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells, and potable wells.***

The location map is included as Attachment E.

8. ***A table of the most recent analytical results collected for groundwater and soil.***

A table of the most recent groundwater and soil analytical results is presented as Attachment F.

9. ***An isoconcentration map, if available from the site investigation (SI), of the contaminated properties within the site boundaries.***

An isoconcentration map was not available from the site investigation therefore, a map showing the horizontal extent of contamination (Groundwater Quality Map) has been included as Attachment G.

10. ***A table of the previous 4 water elevation measurements from all monitoring wells and a groundwater flow direction map.***

A Static Water Level Measurement Table and Groundwater Contour Map for the March 2003 sampling event have been included as Attachment H.

11. ***A map showing the location of all soil samples and a single contour showing the horizontal extent of each area of contiguous residual soil contamination.***

A soil quality map depicting the horizontal extent of residual soil contamination is proved at Attachment I.

12. ***A geologic cross section, if available from the SI.***

A geologic cross section was not presented in the site investigation report and therefore, is not included.

13. ***A statement signed by the responsible party certifying the legal descriptions provided are complete and accurate.***

The signed statement is included as Attachment B.

14. ***Copy of the letters sent by the RP (Janice Honeck) to all affected off-site property owners and/or a copy of notification provided to the municipality and/or state agency.***

Groundwater impacts do not appear have affected and off-site property above NR 140 ES therefore a notification letter has not been included.

15. ***A copy of notification provided to City/village/municipality/state agency responsible for maintenance of road right-of-way.***

Based on the groundwater concentrations and groundwater flow groundwater contamination appears to be present in the right-of-way of Fond du Lac Avenue, therefore notification letter to the Village Administrator/Clerk/Treasurer of the Village of Kewaskum is included as Attachment J.

Based on the GIS information provided Sigma requests that the Former Honeck Chevrolet property located at 1242 Fond du Lac Avenue, Kewaskum, Wisconsin be listed on the GIS registry. Please contact our office at (414) 768-7144 with any questions or comments.

Respectfully Submitted,

SIGMA ENVIRONMENTAL SERVICES, INC.

Mary E. Clifford
Staff Scientist

Dale C. Armbruster, P.G.
Senior Project Manager

ATTACHMENTS

cc: Ms. Janice Honeck

701785

VOL 1540 PAGE 215

FILED

SHERIFF'S DEED ON FORECLOSURE

WHEREAS, a Judgment of Foreclosure and Sale was entered in the Circuit Court of Washington County, Wisconsin, on or about June 12, 1995, in a certain action wherein Janice E. Honeck was plaintiff, and Louis H. Neuville and others were defendants, being Washington County Circuit Court Case No. 95-CV-0132; and in pursuance thereof, after due advertising, the mortgaged premises herein described were sold on the 13th day of September, 1995, to Janice E. Honeck for $124,000, being the highest bidder therefor;

and, WHEREAS, Janice E. Honeck, is now entitled to conveyance thereof according to law;

NOW, THEREFORE, I, Robert H. Schulteis, the Sheriff of Washington County, in consideration of the premises, and of the said $124,000 paid by Janice E. Honeck, hereby convey to said Janice E. Honeck, the following tract of land in Washington County, Wisconsin:

Lot Eleven A (11A) of Block Nineteen (19) in ASSESSOR'S PLAT of the Village of Kewaskum, Washington County, Wisconsin.

Lot Sixteen (16) of Block Nineteen (19) in ASSESSOR'S PLAT of the Village of Kewaskum, Washington County, Wisconsin.

WHEREAS, the hand and seal of said Sheriff, this 18 day of September, 1995.

FEE
77.25(4)
EXEMPT

Robert H. Schulteis
Robert H. Schulteis, Sheriff of Washington County, Wisconsin

STATE OF WISCONSIN
SS
WASHINGTON COUNTY

Personally came before me this 18 day of September, 1995, the foregoing named Robert H. Schulteis, Sheriff of Washington County, Wisconsin, to me known to be the person who executed the foregoing instrument and acknowledged same.

Nancy Hoffel
Notary Public, Washington County
My commission: 3-30-97

THIS DEED WAS DRAFTED BY:
Attorney James G. Pouros
State Bar No. 1013237
O'Meara, Eckert, Pouros & Gonring
622 Elm Street, P.O. Box 348
West Bend, WI 53095
(414) 334-2331
yvonne\honeck.ded

Return to:

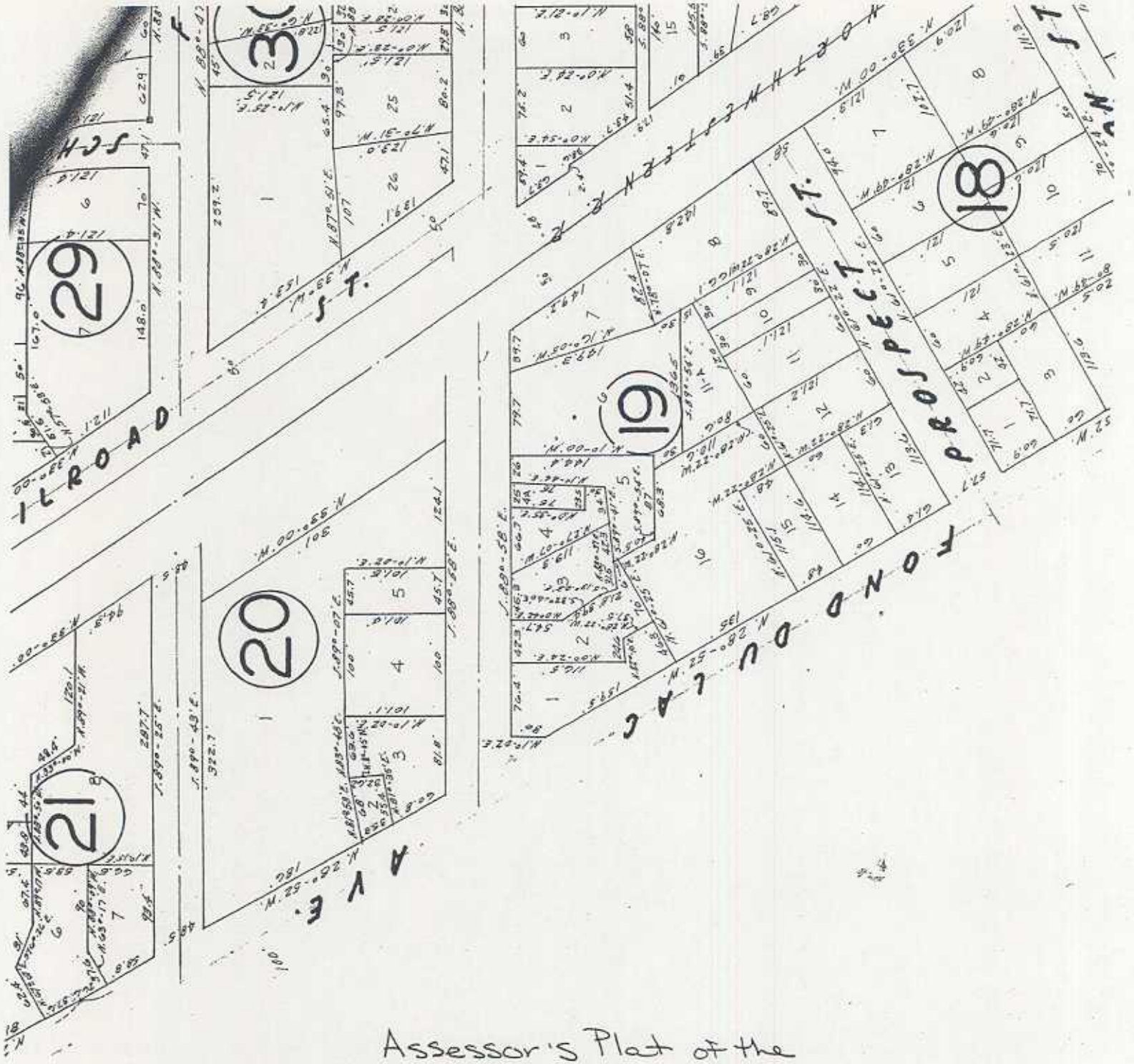
RECORDED
OCT 11 2 44 PM '95
REGISTER OF DEEDS
WASHINGTON COUNTY, WI

JANICE 7/18/003

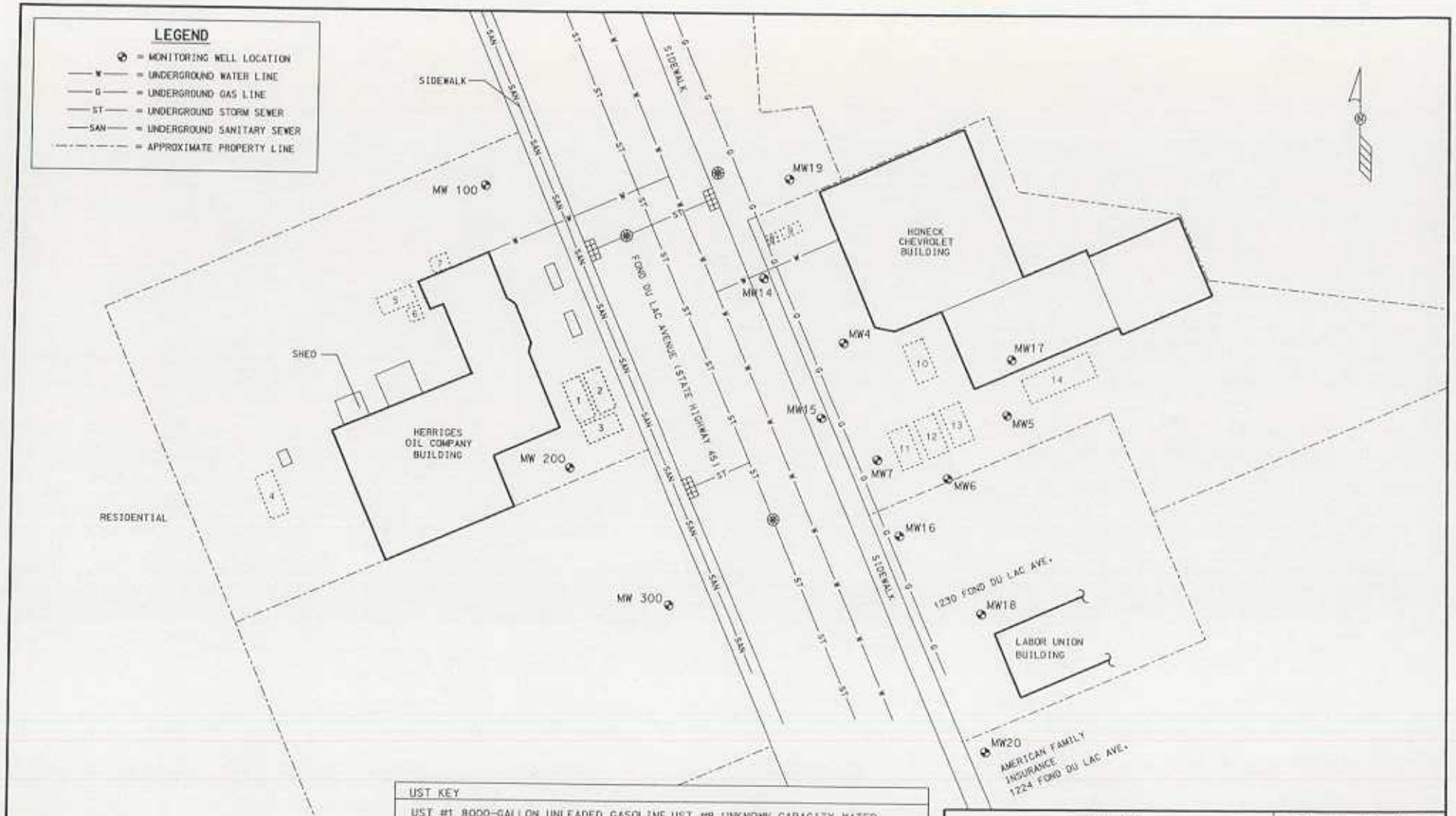
Ms. ~~Jane~~ Honeck, the responsible party for the property located at 1242 Fond du Lac Avenue, Kewaskum, Wisconsin, states that the legal description provided to the Wisconsin Department of Commerce (and attached to this statement) for case file reference 03-67-001085 is complete and accurate to the best of our knowledge.

Signature of Representative for Responsible Party: James E Honeck

Date: 7/18/003



Assessor's Plat of the
Village of Kewaskum



UST KEY	
UST #1 8000-GALLON UNLEADED GASOLINE	UST #8 UNKNOWN CAPACITY WATER
UST #2 8000-GALLON UNLEADED GASOLINE	UST #9 FORMER 2000-GALLON WASTE OIL
UST #3 6000-GALLON UNLEADED GASOLINE	UST #10 FORMER 4000-GALLON DIESEL
UST #4 FORMER 10,000 GALLON DIESEL	UST #11 FORMER 6000-GALLON GASOLINE
UST #5 FORMER 10,000 GALLON DIESEL	UST #12 FORMER 6000-GALLON GASOLINE
UST #6 FORMER 1000-GALLON WASTE OIL	UST #13 FORMER 6000-GALLON GASOLINE
UST #7 FORMER 1000-GALLON KEROSENE	

NOTES:
1. MAP BASED ON SURVEY PREFORMED BY NORTHERN ENVIRONMENTAL ON (8-17-99).
2. PROPERTY BOUNDARIES ARE APPROXIMATE, BASED OFF VILLAGE OF KEWASKUM ASSESSOR'S PLAT.

HONECK MILWAUKEE, WI			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 10-31-03	DR. BY: BEB	DR.# 1260-016	SCALE:
SITE PLAN MAP			FIGURE 1

Table 6
Groundwater Quality Results
BTEX and Detects Only
Honeck Cheverolet
Project Number #1260

ANALYTE	Date	MW-17		MW-18			MW-19		MW-20	NR 140	NR 140
		07/24/1992	07/08/1996	03/06/2001	03/23/2001	03/11/2003	03/06/2001	03/11/2003	03/11/2003	ES	PAL
GRO	µg/l	NA	<100	NA	NA	NA	NA	NA	NA	**	**
VOCs											
Benzene	µg/l	ND	<0.26	<0.10	**75**	<0.25	<0.10	<0.25	<0.25	5	0.5
n-Butylbenzene	µg/l	NA	<0.45	<0.25	NA	NA	<0.25	NA	NA	**	**
sec-Butylbenzene	µg/l	NA	2.6	<0.25	NA	NA	<0.25	NA	NA	**	**
1,2-Dichloroethane	µg/l	NA	NA	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	5	0.5
Di-isopropyl Ether	µg/l	NA	<0.38	<0.25	NA	NA	<0.25	NA	NA	**	**
Ethylbenzene	µg/l	ND	<0.32	<0.25	25	<0.50	<0.25	<0.50	<0.50	700	140
Isopropylbenzene	µg/l	NA	<0.36	<0.25	NA	NA	<0.25	NA	NA	**	**
Methyl Tert Butyl Ether	µg/l	NA	3.1	**100**	**120**	**33**	<0.25	<0.50	<0.50	60	12
Naphthalene	µg/l	NA	<0.41	<0.25	NA	NA	<0.25	NA	NA	40	8
n-Propylbenzene	µg/l	NA	<0.41	<0.25	NA	NA	<0.25	NA	NA	**	**
Toluene	µg/l	ND	<0.69	0.12	2.4	<0.25	0.13	<0.25	<0.25	1,000	200
Trimethylbenzene1,2,4	µg/l	NA	<0.57	0.4	25	<0.25	0.38	<0.25	0.34	**	**
Trimethylbenzene1,3,5	µg/l	NA	<0.57	<0.10	7.0	<0.25	0.21	<0.25	<0.25	**	**
Trimethylbenzene (Total)	µg/l	NA	<0.57	0.4	32	<0.50	0.59	<0.50	0.34	480	96
Xylenes	µg/l	ND	<0.9	0.35	96	<0.50	0.47	<0.50	<0.50	10,000	1000
Polyaromatic Hydrocarbons:											
Acenaphthene	µg/l	NA	0.3	NA	NA	NA	NA	NA	NA	**	**
Acenaphthylene	µg/l	NA	<4	NA	NA	NA	NA	NA	NA	**	**
Anthracene	µg/l	NA	0.05	NA	NA	NA	NA	NA	NA	3000	600
Benzo(a)anthracene	µg/l	NA	<0.022	NA	NA	NA	NA	NA	NA	**	**
Benzo(a)pyrene	µg/l	NA	<0.04	NA	NA	NA	NA	NA	NA	0.2	0.02
Benzo(b)fluoranthene	µg/l	NA	<0.019	NA	NA	NA	NA	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/l	NA	0.04	NA	NA	NA	NA	NA	NA	**	**
Benzo(g,h,i)perylene	µg/l	NA	<0.07	NA	NA	NA	NA	NA	NA	**	**
Chrysene	µg/l	NA	<0.7	NA	NA	NA	NA	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/l	NA	<0.05	NA	NA	NA	NA	NA	NA	**	**
Fluoranthene	µg/l	NA	<2.8	NA	NA	NA	NA	NA	NA	400	80
Fluorene	µg/l	NA	<0.07	NA	NA	NA	NA	NA	NA	400	80
Indeno(1,2,3-cd)pyrene	µg/l	NA	<5	NA	NA	NA	NA	NA	NA	**	**
1-Methylnaphthalene	µg/l	NA	0.3	NA	NA	NA	NA	NA	NA	**	**
2-Methylnaphthalene	µg/l	NA	0.31	NA	NA	NA	NA	NA	NA	**	**
Naphthalene	µg/l	NA	<0.08	NA	NA	NA	NA	NA	NA	40	8
Phenanthrene	µg/l	NA	<0.03	NA	NA	NA	NA	NA	NA	**	**
Pyrene	µg/l	NA	<0.01	NA	NA	NA	NA	NA	NA	250	50

Key:

** = No Standard Established
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NA = Not Analyzed
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limits

Table 6
Groundwater Quality Results
BTEX and Detects Only
Honeck Cheverolet
Project Number #1260

ANALYTE	Date	MW-16						NR 140 ES	NR 140 PAL
		07/24/1992	07/08/1996	06/10/1999	07/15/1999	03/06/2001	03/11/2003		
GRO	µg/l	NA	240	NA	NA	NA	NA	**	**
VOCs									
Benzene	µg/l	**2.7**	**6.6**	**1.1**	**1.1**	**0.78**	<0.25	5	0.5
n-Butylbenzene	µg/l	NA	2.5	NA	NA	NA	NA	**	**
sec-Butylbenzene	µg/l	NA	2.7	NA	NA	NA	NA	**	**
1,2-Dichloroethane	µg/l	NA	NA	0.43	<0.25	<0.25	<0.50	5	0.5
Di-isopropyl Ether	µg/l	NA	<0.38	NA	NA	NA	NA	**	**
Ethylbenzene	µg/l	1.4	5.4	4.1	6.8	4.6	<0.50	700	140
Isopropylbenzene	µg/l	NA	6.5	NA	NA	NA	NA	**	**
Methyl Tert Butyl Ether	µg/l	NA	**90**	**77**	**52**	**47**	**37**	60	12
Naphthalene	µg/l	NA	0.86	NA	NA	NA	NA	40	8
n-Propylbenzene	µg/l	NA	4.2	NA	NA	NA	NA	**	**
Toluene	µg/l	3	1.1	<0.39	<0.10	<0.10	<0.25	1,000	200
Trimethylbenzene1,2,4	µg/l	NA	1.6	<0.32	4.2	5.6	<0.25	**	**
Trimethylbenzene1,3,5	µg/l	NA	<0.57	<0.33	<0.10	0.18	<0.25	**	**
Trimethylbenzene (Total)	µg/l	NA	1.6	<0.33	4.2	5.78	<0.50	480	96
Xylenes	µg/l	3.8	1.6	<1.1	3.2	3.8	<0.50	10,000	1000
Polyaromatic Hydrocarbons:									
Acenaphthene	µg/l	NA	0.3	NA	NA	NA	NA	**	**
Acenaphthylene	µg/l	NA	<4	NA	NA	NA	NA	**	**
Anthracene	µg/l	NA	<0.005	NA	NA	NA	NA	3000	600
Benzo(a)anthracene	µg/l	NA	<0.022	NA	NA	NA	NA	**	**
Benzo(a)pyrene	µg/l	NA	<0.04	NA	NA	NA	NA	0.2	0.02
Benzo(b)fluoranthene	µg/l	NA	<0.019	NA	NA	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/l	NA	0.04	NA	NA	NA	NA	**	**
Benzo(g,h,i)perylene	µg/l	NA	<0.07	NA	NA	NA	NA	**	**
Chrysene	µg/l	NA	<0.7	NA	NA	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/l	NA	<0.05	NA	NA	NA	NA	**	**
Fluoranthene	µg/l	NA	<2.8	NA	NA	NA	NA	400	80
Fluorene	µg/l	NA	0.3	NA	NA	NA	NA	400	80
Indeno(1,2,3-cd)pyrene	µg/l	NA	<5	NA	NA	NA	NA	**	**
1-Methylnaphthalene	µg/l	NA	0.4	NA	NA	NA	NA	**	**
2-Methylnaphthalene	µg/l	NA	0.4	NA	NA	NA	NA	**	**
Naphthalene	µg/l	NA	0.6	NA	NA	NA	NA	40	8
Phenanthrene	µg/l	NA	<0.03	NA	NA	NA	NA	**	**
Pyrene	µg/l	NA	<0.01	NA	NA	NA	NA	250	50

Key:

** = No Standard Established
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NA = Not Analyzed
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limits

Table 6
Groundwater Quality Results
BTEX and Detects Only
Honeck Cheverolet
Project Number #1260

ANALYTE	Date	MW-15						NR 140 ES	NR 140 PAL
		07/24/1992	07/08/1996	06/10/1999	07/15/1999	03/06/2001	03/11/2003		
GRO	µg/l	NA	540	NA	NA	NA	NA	**	**
VOCs									
Benzene	µg/l	**3200**	**87**	**540**	**1400**	**190**	**120**	5	0.5
n-Butylbenzene	µg/l	NA	2.1	NA	NA	NA	NA	**	**
sec-Butylbenzene	µg/l	NA	0.6	NA	NA	NA	NA	**	**
1,2-Dichloroethane	µg/l	NA	NA	<4.0	<10	<1.0	<0.50	5	0.5
Di-isopropyl Ether	µg/l	NA	<0.38	NA	NA	NA	NA	**	**
Ethylbenzene	µg/l	**990**	60	**400**	**1100**	110	46	700	140
Isopropylbenzene	µg/l	NA	3.4	NA	NA	NA	NA	**	**
Methyl Tert Butyl Ether	µg/l	NA	**20**	**37**	<10	<1.0	**13**	60	12
Naphthalene	µg/l	NA	7.2	NA	NA	NA	NA	40	8
n-Propylbenzene	µg/l	NA	7.1	NA	NA	NA	NA	**	**
Toluene	µg/l	**1000**	10	110	**350**	22	6.9	1,000	200
Trimethylbenzene1,2,4	µg/l	NA	24	180	680	31	8.5	**	**
Trimethylbenzene1,3,5	µg/l	NA	3.9	34	120	4.2	0.31	**	**
Trimethylbenzene (Total)	µg/l	NA	27.9	**214**	**800**	35.2	8.81	480	96
Xylenes	µg/l	**4400**	87	810	**3100**	150	33	10,000	1000
Polyaromatic Hydrocarbons:									
Acenaphthene	µg/l	NA	<0.12	NA	NA	NA	NA	**	**
Acenaphthylene	µg/l	NA	<4	NA	NA	NA	NA	**	**
Anthracene	µg/l	NA	<0.005	NA	NA	NA	NA	3000	600
Benzo(a)anthracene	µg/l	NA	<0.022	NA	NA	NA	NA	**	**
Benzo(a)pyrene	µg/l	NA	<0.04	NA	NA	NA	NA	0.2	0.02
Benzo(b)fluoranthene	µg/l	NA	<0.019	NA	NA	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/l	NA	<0.005	NA	NA	NA	NA	**	**
Benzo(g,h,i)perylene	µg/l	NA	<0.07	NA	NA	NA	NA	**	**
Chrysene	µg/l	NA	<0.7	NA	NA	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/l	NA	<0.05	NA	NA	NA	NA	**	**
Fluoranthene	µg/l	NA	<2.8	NA	NA	NA	NA	400	80
Fluorene	µg/l	NA	<0.07	NA	NA	NA	NA	400	80
Indeno(1,2,3-cd)pyrene	µg/l	NA	<5	NA	NA	NA	NA	**	**
1-Methylnaphthalene	µg/l	NA	6	NA	NA	NA	NA	**	**
2-Methylnaphthalene	µg/l	NA	17	NA	NA	NA	NA	**	**
Naphthalene	µg/l	NA	**90**	NA	NA	NA	NA	40	8
Phenanthrene	µg/l	NA	<0.03	NA	NA	NA	NA	**	**
Pyrene	µg/l	NA	<0.01	NA	NA	NA	NA	250	50

Key:

** = No Standard Established
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NA = Not Analyzed
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limits

Table 6
Groundwater Quality Results
BTEX and Detects Only
Honeck Cheverolet
Project Number #1260

ANALYTE	Date	MW-14						NR 140 ES	NR 140 PAL
		07/24/1992	07/08/1996	06/10/1999	07/15/1999	03/06/2001	03/11/2003		
GRO	µg/l	NA	4200	NA	NA	NA	NA	**	**
VOCs									
Benzene	µg/l	**2.2**	**930**	**390**	**210**	**160**	**110**	5	0.5
n-Butylbenzene	µg/l	NA	16	NA	NA	NA	NA	**	**
sec-Butylbenzene	µg/l	NA	6.6	NA	NA	NA	NA	**	**
1,2-Dichloroethane	µg/l	NA	NA	<4.0	<1.2	<1.0	<0.50	5	0.5
Di-isopropyl Ether	µg/l	NA	<3.8	NA	NA	NA	NA	**	**
Ethylbenzene	µg/l	1.2	**450**	**340**	**210**	130	91	700	140
Isopropylbenzene	µg/l	NA	29	NA	NA	NA	NA	**	**
Methyl Tert Butyl Ether	µg/l	NA	<2.2	<2.8	<1.2	<1.0	**13**	60	12
Naphthalene	µg/l	NA	**92**	NA	NA	NA	NA	40	8
n-Propylbenzene	µg/l	NA	70	NA	NA	NA	NA	**	**
Toluene	µg/l	1.3	16	14	7.8	3.8	3.4	1,000	200
Trimethylbenzene1,2,4	µg/l	NA	490	510	180	190	100	**	**
Trimethylbenzene1,3,5	µg/l	NA	8.4	41	<0.50	9.4	2.7	**	**
Trimethylbenzene (Total)	µg/l	NA	**498.4**	**551**	**180**	**199.4**	**102.7**	480	96
Xylenes	µg/l	3.7	574	980	190	260	160	10,000	1000
Polyaromatic Hydrocarbons:									
Acenaphthene	µg/l	NA	<0.12	NA	NA	NA	NA	**	**
Acenaphthylene	µg/l	NA	<4	NA	NA	NA	NA	**	**
Anthracene	µg/l	NA	<0.005	NA	NA	NA	NA	3000	600
Benzo(a)anthracene	µg/l	NA	<0.022	NA	NA	NA	NA	**	**
Benzo(a)pyrene	µg/l	NA	<0.04	NA	NA	NA	NA	0.2	0.02
Benzo(b)fluoranthene	µg/l	NA	<0.019	NA	NA	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/l	NA	<0.005	NA	NA	NA	NA	**	**
Benzo(g,h,i)perylene	µg/l	NA	<0.07	NA	NA	NA	NA	**	**
Chrysene	µg/l	NA	<0.7	NA	NA	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/l	NA	<0.05	NA	NA	NA	NA	**	**
Fluoranthene	µg/l	NA	<2.8	NA	NA	NA	NA	400	80
Fluorene	µg/l	NA	<0.07	NA	NA	NA	NA	400	80
Indeno(1,2,3-cd)pyrene	µg/l	NA	<5	NA	NA	NA	NA	**	**
1-Methylnaphthalene	µg/l	NA	10	NA	NA	NA	NA	**	**
2-Methylnaphthalene	µg/l	NA	3	NA	NA	NA	NA	**	**
Naphthalene	µg/l	NA	**50**	NA	NA	NA	NA	40	8
Phenanthrene	µg/l	NA	0.09	NA	NA	NA	NA	**	**
Pyrene	µg/l	NA	<0.01	NA	NA	NA	NA	250	50

Key:

** = No Standard Established
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NA = Not Analyzed
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limits

Table 6
Groundwater Quality Results
BTEX and Detects Only
Honeck Cheverolet
Project Number #1260

ANALYTE	Date	MW-7							NR 140 ES	NR 140 PAL
		11/20/1990	01/09/1992	07/24/1992	07/08/1996	06/10/1999	07/15/1999	03/06/2001		
GRO	µg/l	NA	NA	NA	160	NA	NA	NA	**	**
VOCs										
Benzene	µg/l	ND	**330**	**270**	**2.5**	**6.2**	**4.2**	**5.5**	5	0.5
n-Butylbenzene	µg/l	NA	NA	NA	1.4	NA	NA	NA	**	**
sec-Butylbenzene	µg/l	NA	NA	NA	0.85	NA	NA	NA	**	**
1,2-Dichloroethane	µg/l	NA	NA	NA	NA	<0.20	<0.25	<0.25	5	0.5
Di-isopropyl Ether	µg/l	NA	NA	NA	0.56	NA	NA	NA	**	**
Ethylbenzene	µg/l	ND	120	**160**	7.3	13	38	51	700	140
Isopropylbenzene	µg/l	NA	NA	NA	2.1	NA	NA	NA	**	**
Methyl Tert Butyl Ether	µg/l	NA	NA	NA	**81**	**69**	<0.25	**88**	60	12
Naphthalene	µg/l	NA	NA	NA	4.4	NA	NA	NA	40	8
n-Propylbenzene	µg/l	NA	NA	NA	2.9	NA	NA	NA	**	**
Toluene	µg/l	ND	8.7	18	<0.69	0.78	1.3	1.2	1,000	200
Trimethylbenzene1,2,4	µg/l	NA	NA	NA	8.5	21	45	61	**	**
Trimethylbenzene1,3,5	µg/l	NA	NA	NA	1.8	2.4	3.1	4.6	**	**
Trimethylbenzene (Total)	µg/l	NA	NA	NA	10.3	23.4	48.1	65.6	480	96
Xylenes	µg/l	ND	192	73	14.2	27	51	60	10,000	1000
Polyaromatic Hydrocarbons:										
Acenaphthene	µg/l	NA	NA	NA	<0.12	NA	NA	NA	**	**
Acenaphthylene	µg/l	NA	NA	NA	<4	NA	NA	NA	**	**
Anthracene	µg/l	NA	NA	NA	<0.005	NA	NA	NA	3000	600
Benzo(a)anthracene	µg/l	NA	NA	NA	<0.022	NA	NA	NA	**	**
Benzo(a)pyrene	µg/l	NA	NA	NA	<0.04	NA	NA	NA	0.2	0.02
Benzo(b)fluoranthene	µg/l	NA	NA	NA	<0.019	NA	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/l	NA	NA	NA	0.06	NA	NA	NA	**	**
Benzo(g,h,i)perylene	µg/l	NA	NA	NA	<0.07	NA	NA	NA	**	**
Chrysene	µg/l	NA	NA	NA	<0.7	NA	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/l	NA	NA	NA	<0.05	NA	NA	NA	**	**
Fluoranthene	µg/l	NA	NA	NA	<2.8	NA	NA	NA	400	80
Fluorene	µg/l	NA	NA	NA	<0.07	NA	NA	NA	400	80
Indeno(1,2,3-cd)pyrene	µg/l	NA	NA	NA	<5	NA	NA	NA	**	**
1-Methylnaphthalene	µg/l	NA	NA	NA	1.1	NA	NA	NA	**	**
2-Methylnaphthalene	µg/l	NA	NA	NA	1.9	NA	NA	NA	**	**
Naphthalene	µg/l	NA	NA	NA	**21**	NA	NA	NA	40	8
Phenanthrene	µg/l	NA	NA	NA	<0.03	NA	NA	NA	**	**
Pyrene	µg/l	NA	NA	NA	<0.01	NA	NA	NA	250	50

Key:

** = No Standard Established
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NA = Not Analyzed
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limits

Table 6
Groundwater Quality Results
BTEX and Detects Only
Honeck Cheverolet
Project Number #1260

ANALYTE	Date	MW-6								NR 140 ES	NR 140 PAL
		11/20/1990	01/09/1992	07/24/1992	07/08/1996	06/10/1999	07/15/1999	03/06/2001	03/11/2003		
GRO	µg/l	NA	NA	NA	10000	NA	NA	NA	NA	**	**
VOCs											
Benzene	µg/l	**55**	**2.6**	**880**	**140**	**35**	**30**	**24**	**17**	5	0.5
n-Butylbenzene	µg/l	NA	NA	NA	89	NA	NA	NA	NA	**	**
sec-Butylbenzene	µg/l	NA	NA	NA	11	NA	NA	NA	NA	**	**
1,2-Dichloroethane	µg/l	NA	NA	NA	NA	<10	<2.5	<10	<0.50	5	0.5
Di-Isopropyl Ether	µg/l	NA	NA	NA	<7.6	NA	NA	NA	NA	**	**
Ethylbenzene	µg/l	ND	1.6	**1000**	**410**	**230**	**220**	**200**	87	700	140
Isopropylbenzene	µg/l	NA	NA	NA	46	NA	NA	NA	NA	**	**
Methyl Tert Butyl Ether	µg/l	NA	NA	NA	**390**	**220**	**130**	**57**	**99**	60	12
Naphthalene	µg/l	NA	NA	NA	**330**	NA	NA	NA	NA	40	8
n-Propylbenzene	µg/l	NA	NA	NA	110	NA	NA	NA	NA	**	**
Toluene	µg/l	ND	<3.0	170	18	<20	7.4	<4.0	2.4	1,000	200
Trimethylbenzene1,2,4	µg/l	NA	NA	NA	1900	1400	1300	1900	1400	**	**
Trimethylbenzene1,3,5	µg/l	NA	NA	NA	460	220	140	320	2.6	**	**
Trimethylbenzene (Total)	µg/l	NA	NA	NA	**2360**	**1620**	**1440**	**2220**	**1402.6**	480	96
Xylenes	µg/l	160	7.3	**6600**	**2484**	770	720	790	36	10,000	1000
Polyaromatic Hydrocarbons:											
Acenaphthene	µg/l	NA	NA	NA	<0.12	NA	NA	NA	NA	**	**
Acenaphthylene	µg/l	NA	NA	NA	120	NA	NA	NA	NA	**	**
Anthracene	µg/l	NA	NA	NA	0.03	NA	NA	NA	NA	3000	600
Benzo(a)anthracene	µg/l	NA	NA	NA	<0.022	NA	NA	NA	NA	**	**
Benzo(a)pyrene	µg/l	NA	NA	NA	<0.04	NA	NA	NA	NA	0.2	0.02
Benzo(b)fluoranthene	µg/l	NA	NA	NA	**0.09**	NA	NA	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/l	NA	NA	NA	0.04	NA	NA	NA	NA	**	**
Benzo(g,h,i)perylene	µg/l	NA	NA	NA	<0.07	NA	NA	NA	NA	**	**
Chrysene	µg/l	NA	NA	NA	<0.7	NA	NA	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/l	NA	NA	NA	<0.05	NA	NA	NA	NA	**	**
Fluoranthene	µg/l	NA	NA	NA	<2.8	NA	NA	NA	NA	400	80
Fluorene	µg/l	NA	NA	NA	<0.07	NA	NA	NA	NA	400	80
Indeno(1,2,3-cd)pyrene	µg/l	NA	NA	NA	<5	NA	NA	NA	NA	**	**
1-Methylnaphthalene	µg/l	NA	NA	NA	10	NA	NA	NA	NA	**	**
2-Methylnaphthalene	µg/l	NA	NA	NA	26	NA	NA	NA	NA	**	**
Naphthalene	µg/l	NA	NA	NA	**270**	NA	NA	NA	NA	40	8
Phenanthrene	µg/l	NA	NA	NA	0.08	NA	NA	NA	NA	**	**
Pyrene	µg/l	NA	NA	NA	0.09	NA	NA	NA	NA	250	50

Key:

** = No Standard Established
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NA = Not Analyzed
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limits

Table 6
Groundwater Quality Results
BTEX and Detects Only
Honeck Cheverolet
Project Number #1260

ANALYTE	Date	MW-5								NR 140 ES	NR 140 PAL
		11/20/1990	01/09/1992	07/24/1992	07/08/1996	06/10/1999	07/15/1999	03/06/2001	03/11/2003		
GRO	µg/l	NA	NA	NA	<100	NA	NA	NA	NA	**	**
VOCs											
Benzene	µg/l	ND	**960**	**2.5**	<0.26	<0.31	<0.10	<0.10	<0.25	5	0.5
n-Butylbenzene	µg/l	NA	NA	NA	<0.45	NA	NA	NA	NA	**	**
sec-Butylbenzene	µg/l	NA	NA	NA	<0.49	NA	NA	NA	NA	**	**
1,2-Dichloroethane	µg/l	NA	NA	NA	NA	<0.20	<0.25	<0.25	<0.50	5	0.5
Di-isopropyl Ether	µg/l	NA	NA	NA	<0.38	NA	NA	NA	NA	**	**
Ethylbenzene	µg/l	ND	**780**	2.5	<0.32	<0.38	<0.25	<0.25	<0.50	700	140
Isopropylbenzene	µg/l	NA	NA	NA	<0.36	NA	NA	NA	NA	**	**
Methyl Tert Butyl Ether	µg/l	NA	NA	NA	10	8.9	5.2	6.8	**14**	60	12
Naphthalene	µg/l	NA	NA	NA	<0.41	NA	NA	NA	NA	40	8
n-Propylbenzene	µg/l	NA	NA	NA	<0.41	NA	NA	NA	NA	**	**
Toluene	µg/l	ND	160	1.4	<0.69	<0.39	<0.10	<0.10	<0.25	1,000	200
Trimethylbenzene1,2,4	µg/l	NA	NA	NA	0.67	<0.32	<0.10	<0.10	<0.25	**	**
Trimethylbenzene1,3,5	µg/l	NA	NA	NA	<0.57	<0.33	<0.10	<0.10	<0.25	**	**
Trimethylbenzene (Total)	µg/l	NA	NA	NA	0.67	<0.33	<0.10	<0.10	<0.50	480	96
Xylenes	µg/l	ND	**4220**	11	<0.9	<1.1	<0.25	<0.25	<0.50	10,000	1000
Polyaromatic Hydrocarbons:											
Acenaphthene	µg/l	NA	NA	NA	<0.12	NA	NA	NA	NA	**	**
Acenaphthylene	µg/l	NA	NA	NA	<4	NA	NA	NA	NA	**	**
Anthracene	µg/l	NA	NA	NA	<0.005	NA	NA	NA	NA	3000	600
Benzo(a)anthracene	µg/l	NA	NA	NA	<0.022	NA	NA	NA	NA	**	**
Benzo(a)pyrene	µg/l	NA	NA	NA	<0.04	NA	NA	NA	NA	0.2	0.02
Benzo(b)fluoranthene	µg/l	NA	NA	NA	<0.019	NA	NA	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/l	NA	NA	NA	<0.005	NA	NA	NA	NA	**	**
Benzo(g,h,i)perylene	µg/l	NA	NA	NA	<0.07	NA	NA	NA	NA	**	**
Chrysene	µg/l	NA	NA	NA	<0.7	NA	NA	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/l	NA	NA	NA	<0.05	NA	NA	NA	NA	**	**
Fluoranthene	µg/l	NA	NA	NA	<2.8	NA	NA	NA	NA	400	80
Fluorene	µg/l	NA	NA	NA	<0.07	NA	NA	NA	NA	400	80
Indeno(1,2,3-cd)pyrene	µg/l	NA	NA	NA	<5	NA	NA	NA	NA	**	**
1-Methylnaphthalene	µg/l	NA	NA	NA	<0.2	NA	NA	NA	NA	**	**
2-Methylnaphthalene	µg/l	NA	NA	NA	0.4	NA	NA	NA	NA	**	**
Naphthalene	µg/l	NA	NA	NA	0.5	NA	NA	NA	NA	40	8
Phenanthrene	µg/l	NA	NA	NA	<0.03	NA	NA	NA	NA	**	**
Pyrene	µg/l	NA	NA	NA	<0.01	NA	NA	NA	NA	250	50

Key:

** = No Standard Established
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NA = Not Analyzed
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limits

Table 6
Groundwater Quality Results
BTEX and Detects Only
Honeck Cheverolet
Project Number #1260

ANALYTE	Date	MW-4						NR 140 ES	NR 140 PAL
		11/20/1990	01/09/1992	07/24/1992	07/08/1996	03/06/2001	03/23/2001		
GRO	µg/l	NA	NA	NA	30000	NA	NA	**	**
VOCs									
Benzene	µg/l	**390**	**2200**	**9000**	**6400**	**6900**	**6500**	5	0.5
n-Butylbenzene	µg/l	NA	NA	NA	380	NA	NA	**	**
sec-Butylbenzene	µg/l	NA	NA	NA	31	NA	NA	**	**
1,2-Dichloroethane	µg/l	NA	NA	NA	NA	<20	<20	5	0.5
Di-isopropyl Ether	µg/l	NA	NA	NA	<7.6	NA	NA	**	**
Ethylbenzene	µg/l	**500**	**650**	**2900**	**2300**	**2400**	**2300**	700	140
Isopropylbenzene	µg/l	NA	NA	NA	120	NA	NA	**	**
Methyl Tert Butyl Ether	µg/l	NA	NA	NA	**260**	**200**	**190**	60	12
Naphthalene	µg/l	NA	NA	NA	**660**	NA	NA	40	8
n-Propylbenzene	µg/l	NA	NA	NA	330	NA	NA	**	**
Toluene	µg/l	**390**	**390**	**1300**	**330**	130	120	1,000	200
Trimethylbenzene1,2,4	µg/l	NA	NA	NA	2800	3200	2900	**	**
Trimethylbenzene1,3,5	µg/l	NA	NA	NA	760	850	800	**	**
Trimethylbenzene (Total)	µg/l	NA	NA	NA	**3560**	**4050**	**3700**	480	96
Xylenes	µg/l	120	**2800**	**12000**	**8250**	**8700**	**8500**	10,000	1000
Polyaromatic Hydrocarbons:									
Acenaphthene	µg/l	NA	NA	NA	<0.12	NA	NA	**	**
Acenaphthylene	µg/l	NA	NA	NA	<4	NA	NA	**	**
Anthracene	µg/l	NA	NA	NA	0.4	NA	NA	3000	600
Benzo(a)anthracene	µg/l	NA	NA	NA	1.4	NA	NA	**	**
Benzo(a)pyrene	µg/l	NA	NA	NA	**0.2**	NA	NA	0.2	0.02
Benzo(b)fluoranthene	µg/l	NA	NA	NA	**0.4**	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/l	NA	NA	NA	0.07	NA	NA	**	**
Benzo(g,h,i)perylene	µg/l	NA	NA	NA	<0.07	NA	NA	**	**
Chrysene	µg/l	NA	NA	NA	<0.7	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/l	NA	NA	NA	<0.05	NA	NA	**	**
Fluoranthene	µg/l	NA	NA	NA	5	NA	NA	400	80
Fluorene	µg/l	NA	NA	NA	<0.07	NA	NA	400	80
Indeno(1,2,3-cd)pyrene	µg/l	NA	NA	NA	<5	NA	NA	**	**
1-Methylnaphthalene	µg/l	NA	NA	NA	200	NA	NA	**	**
2-Methylnaphthalene	µg/l	NA	NA	NA	500	NA	NA	**	**
Naphthalene	µg/l	NA	NA	NA	**800**	NA	NA	40	8
Phenanthrene	µg/l	NA	NA	NA	2.9	NA	NA	**	**
Pyrene	µg/l	NA	NA	NA	1.4	NA	NA	250	50

Key:

** = No Standard Established
µg/L = Micrograms per liter
mg/L = Milligrams per liter
NA = Not Analyzed
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
BOLD = Exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limits

Table 6
Groundwater Quality Results
BTEX and Detects Only
Honeck Cheverolet
Project Number #1260

ANALYTE	Date	MW-300				NR 140 ES	NR 140 PAL
		07/08/1996	06/10/1999	07/15/1999	03/06/2001		
GRO	µg/l	<100	NA	NA	NA	**	**
VOCs							
Benzene	µg/l	**5.3**	0.45	**0.63**	<0.10	5	0.5
n-Butylbenzene	µg/l	4	NA	NA	NA	**	**
sec-Butylbenzene	µg/l	<0.49	NA	NA	NA	**	**
1,2-Dichloroethane	µg/l	NA	<0.20	<0.25	<0.25	5	0.5
Di-isopropyl Ether	µg/l	1.8	NA	NA	NA	**	**
Ethylbenzene	µg/l	14	1.6	1.3	0.45	700	140
Isopropylbenzene	µg/l	1.9	NA	NA	NA	**	**
Methyl Tert Butyl Ether	µg/l	**99**	**31**	**16**	**21**	60	12
Naphthalene	µg/l	3.1	NA	NA	NA	40	8
n-Propylbenzene	µg/l	4.3	NA	NA	NA	**	**
Toluene	µg/l	<0.69	<0.39	<0.10	<0.10	1,000	200
Trimethylbenzene1,2,4	µg/l	16	4.4	4.2	2.1	**	**
Trimethylbenzene1,3,5	µg/l	5.6	<0.33	<0.10	<0.10	**	**
Trimethylbenzene (Total)	µg/l	21.6	4.4	4.2	2.1	480	96
Xylenes	µg/l	8.4	<1.1	0.44	<0.25	10,000	1000
Polyaromatic Hydrocarbons:							
Acenaphthene	µg/l	<0.12	NA	NA	NA	**	**
Acenaphthylene	µg/l	<4	NA	NA	NA	**	**
Anthracene	µg/l	<0.005	NA	NA	NA	3000	600
Benzo(a)anthracene	µg/l	<0.022	NA	NA	NA	**	**
Benzo(a)pyrene	µg/l	<0.04	NA	NA	NA	0.2	0.02
Benzo(b)fluoranthene	µg/l	<0.019	NA	NA	NA	0.2	0.02
Benzo(k)fluoranthene	µg/l	<0.005	NA	NA	NA	**	**
Benzo(g,h,i)perylene	µg/l	<0.07	NA	NA	NA	**	**
Chrysene	µg/l	<0.7	NA	NA	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/l	<0.05	NA	NA	NA	**	**
Fluoranthene	µg/l	<2.8	NA	NA	NA	400	80
Fluorene	µg/l	<0.07	NA	NA	NA	400	80
Indeno(1,2,3-cd)pyrene	µg/l	<5	NA	NA	NA	**	**
1-Methylnaphthalene	µg/l	1	NA	NA	NA	**	**
2-Methylnaphthalene	µg/l	0.5	NA	NA	NA	**	**
Naphthalene	µg/l	0.31	NA	NA	NA	40	8
Phenanthrene	µg/l	<0.03	NA	NA	NA	**	**
Pyrene	µg/l	<0.01	NA	NA	NA	250	50

Key:

**	= No Standard Established
µg/L	= Micrograms per liter
mg/L	= Milligrams per liter
NA	= Not Analyzed
NR 140 ES	= Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL	= Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
BOLD	= Exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
BOLD	= Exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limits

Table 7
Groundwater Biofeasibility Parameters
Honeck Cheverolet
Project Number #1260

ANALYTE	Units	MW-16				MW-18		MW-19		MW-20
		06/10/1999	07/15/1999	03/06/2001	03/11/2003	03/06/2001	03/11/2003	03/06/2001	03/11/2003	03/11/2003
Nutrient Panel:										
Alkalinity	mg/L	410	370	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate	mg/L	0.26	<0.055	NA	<0.50	NA	<0.50	NA	<0.50	1.0
Sulfate	mg/L	36	64	NA	4.6	NA	33	NA	31	31
Total Organic Carbon	mg/L	40	3.3	NA	NA	NA	NA	NA	NA	NA
Manganese, Dissolved	mg/L	0.44	0.30	NA	0.51	NA	0.15	NA	0.14	0.055
Methane	µg/L	580	NA	NA	NA	NA	NA	NA	NA	NA
In Situ Parameters:										
Dissolved Oxygen	mg/L	0.21	3.12	0.29	0.31	4.80	0.28	5.80	0.27	0.36
Redox	mV	147.8	116.2	142	97.9	48.8	77.2	68.4	62.1	93.6
pH	units	7.5	7.2	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Ferrous Iron	mg/L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temperature	°C	11.0	19.9	7.7	9.1	11.7	9.0	9.9	9.9	9.0

Key:

°C = degrees Celcius
µg/L = Micrograms per liter
mg/L = Milligrams per liter
mV = millivolts

Table 7
Groundwater Biofeasibility Parameters
Honeck Cheverolet
Project Number #1260

ANALYTE	Units	MW-7			MW-14				MW-15			
		06/10/1999	07/15/1999	03/06/2001	06/10/1999	07/15/1999	03/06/2001	03/11/2003	06/10/1999	07/15/1999	03/06/2001	03/11/2003
Nutrient Panel:												
Alkalinity	mg/L	790	780	NA	640	580	NA	NA	540	530	NA	NA
Nitrogen, Nitrate	mg/L	0.80	2.7	NA	0.14	0.14	NA	<0.50	0.52	0.33	NA	<0.50
Sulfate	mg/L	81	96	NA	60	<0.53	NA	<2.0	50	71	NA	5.0
Total Organic Carbon	mg/L	79	6.9	NA	76	16	NA	NA	57	7.4	NA	NA
Manganese, Dissolved	mg/L	0.14	0.17	NA	0.95	0.80	NA	0.75	0.96	1.1	NA	0.70
Methane	µg/L	540	NA	NA	850	NA	NA	NA	1200	NA	NA	NA
In Situ Parameters:												
Dissolved Oxygen	mg/L	0.19	0.31	0.31	0.20	0.32	0.45	0.24	0.21	0.30	0.25	0.21
Redox	mV	63.8	147.7	116.3	-89.9	-36.8	-36.7	-55.8	-38.4	81.6	1.5	-27.6
pH	units	7.5	8.0	7.0	7.3	7.4	7.0	7.0	7.0	7.0	7.0	7.0
Ferrous Iron	mg/L	0.0	0.0	0.0	3.5	3.8	5.0	2.8	4.0	4.0	4.0	2.2
Temperature	°C	11.3	19.5	7.2	11.8	19.2	7.4	9.6	11.4	20.7	7.0	9.5

Key:

°C = degrees Celcius
µg/L = Micrograms per liter
mg/L = Milligrams per liter
mV = millivolts

Table 7
Groundwater Biofeasibility Parameters
Honeck Cheverolet
Project Number #1260

ANALYTE	Units	MW-300			MW-4	MW-5				MW-6			
		06/10/1999	07/15/1999	03/06/2001	03/06/2001	06/10/1999	07/15/1999	03/06/2001	03/11/2003	06/10/1999	07/15/1999	03/06/2001	03/11/2003
Nutrient Panel:													
Alkalinity	mg/L	530	500	NA	NA	510	490	NA	NA	530	530	NA	NA
Nitrogen, Nitrate	mg/L	0.11	<0.055	NA	NA	0.17	0.12	NA	<0.50	0.15	0.11	NA	<0.50
Sulfate	mg/L	57	43	NA	NA	50	63	NA	12	45	59	NA	<2.0
Total Organic Carbon	mg/L	49	2.8	NA	NA	64	6.7	NA	NA	70	12	NA	NA
Manganese, Dissolved	mg/L	0.22	0.098	NA	NA	0.63	0.52	NA	0.54	0.25	0.24	NA	0.19
Methane	µg/L	11	NA	NA	NA	23	NA	NA	NA	4000	NA	NA	NA
In Situ Parameters:													
Dissolved Oxygen	mg/L	0.21	0.76	0.81	0.16	0.20	0.25	0.32	0.29	0.20	0.28	0.27	0.23
Redox	mV	69.8	193.9	193.1	-99.8	86.1	207.4	74.4	67.8	-73.2	-64.8	34.3	-39.6
pH	units	7.5	7.8	7.0	7.0	7.0	7.2	7.0	7.0	7.0	7.0	7.0	7.0
Ferrous Iron	mg/L	1.5	0.0	0.0	6.2	0.0	0.0	0.0	0.0	5.0	10.0	4.2	2.6
Temperature	°C	11.1	19.4	7.4	7.4	12.9	19.7	7.9	9.4	11.9	18.2	7.4	9.8

Key:

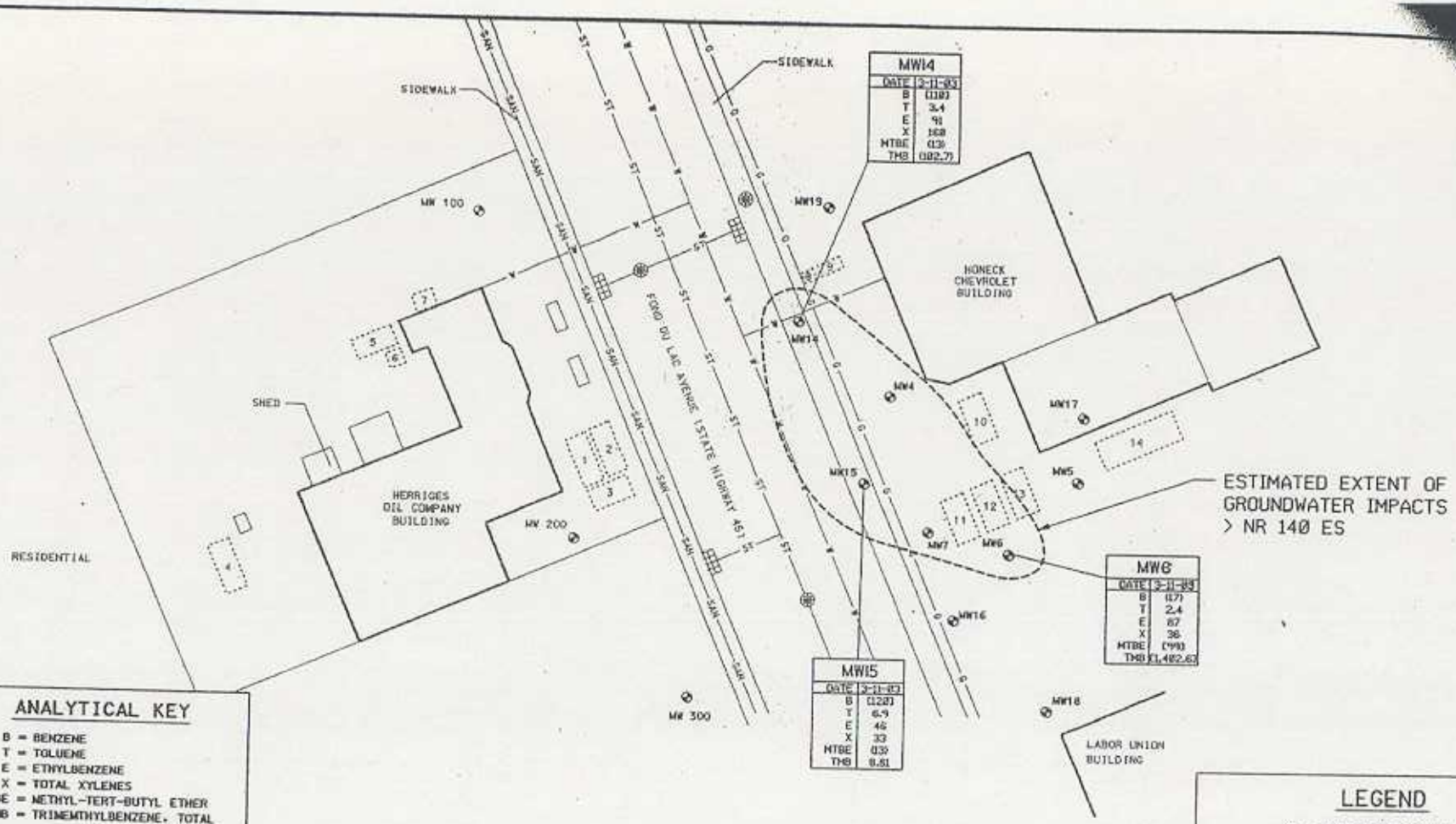
°C = degrees Celcius
µg/L = Micrograms per liter
mg/L = Milligrams per liter
mV = millivolts

Table 2
Soil Quality Results
Honeck Chevrolet
Kewaskum, Wisconsin
Project Reference #1260

Soil Boring ID / Unit	Depth feet bgs	TPH mg/kg	DRO mg/kg	GRO mg/kg	Lead mg/kg	Benzene µg/kg	Toluene µg/kg	Ethylbenzene µg/kg	Xylenes µg/kg	1,2,4-TMB µg/kg	1,3,5-TMB µg/kg
B-1	4.5-6	<4.0	NA	NA	NA	<2.0	<2.0	<2.0	2	NA	NA
B-2	7-8.5	210	NA	NA	NA	**91**	18	30	**24000**	NA	NA
B-3	4-8.5	<4.0	NA	NA	NA	<2.0	6	3	11	NA	NA
B-4	4.5-6	1100	NA	NA	NA	**7700**	**88000**	**82000**	**470000**	NA	NA
B-5	9.5-11	<4.0	NA	NA	NA	2	7	2	8	NA	NA
B-6	9.5-11	<4.0	NA	NA	NA	<10	<10	<10	<10	NA	NA
B-7	9.5-11	<4.0	NA	NA	NA	3	12	3	12	NA	NA
B-8	4.5-6	5100	NA	NA	NA	**1300**	**4700**	**8600**	**260000**	NA	NA
B-9	7-8.5	<4.0	NA	NA	NA	<2.0	2	<2.0	7	NA	NA
B-10	4.5-6	NA	<5.0	51	<1.3	**240**	110	240	1900	950	310
	9.5-11	NA	22	40	NA	NA	NA	NA	NA	NA	NA
B-11	7-8.5	NA	**110**	**180**	3.5	**72**	260	260	1800	830	280
	14.5-16	NA	25	<4.9	NA	NA	NA	NA	NA	NA	NA
B-12	4.5-6	NA	9.3	<4.7	1.3	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
	9.5-11	NA	<4.8	<4.8	NA	NA	NA	NA	NA	NA	NA
B-13	7-8.5	NA	<4.8	<4.8	1.7	**9.6**	1.2	33	81	12	1.2
	9.5-11	NA	<4.8	<4.8	NA	NA	NA	NA	NA	NA	NA
B-14	5-7	NA	<4.8	**890**	2.4	**77**	480	510	2300	2500	900
	13-15	NA	<4.9	<6.1	4.9	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
B-15	5-7	NA	<4.9	38	2.4	**45**	52	110	300	100	29
	13-15	NA	<4.8	<6.0	4.2	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
B-16	5-7	NA	<4.7	<5.8	2.9	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
	13-15	NA	<4.8	<6.0	3.7	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
B-17	4.7-5.2	NA	<4.7	<5.9	2.8	<1.2	1.2	1.2	9.4	9.4	3.5
	7.7-8.3	NA	<4.7	<5.9	2.5	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
MW-18	2-4	NA	<6.1	<6.1	NA	<31	<31	<31	<43	<31	<31
	8-10	NA	<6.0	<6.0	NA	<30	<30	<30	<42	<30	<30
MW-19	2-4	NA	16	<6.3	NA	<32	<32	<32	<44	<32	<32
	8-10	NA	<6.2	<6.2	NA	<31	<31	<31	<43	<31	<31
MW-20	2-4	NA	<6.1	<6.1	NA	<30	<30	<30	<42	<30	<30
	10-12	NA	<6.3	<6.3	NA	<31	<31	<31	<44	<31	<31
NR 720 RCL		NS	100	100	50	5.5	1500	2900	4100	NS	NS

Notes

TPH = Total Petroleum Hydrocarbons
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
TMB = Trimethylbenzene
NA = Not Analyzed
NS = No established NR 720 RCL standard
NR 720 RCL = Wisconsin Administrative Code Chatper NR 720 Residual Contaminant Level
BOLD = Concentration detected above NR 720 RCL



ANALYTICAL KEY

B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL-TERT-BUTYL ETHER
TMB = TRIMEMTHYLBENZENE, TOTAL

( ) = EXCEEDS NR 140 PREVENTIVE ACTION LIMIT
[ ] = EXCEEDS NR 140 ENFORCEMENT STANDARD

ALL CONCENTRATIONS EXPRESSED IN MICROGRAMS PER LITER (ug/l)

NOTE:
MAP BASED ON SURVEY PREFORMED BY NORTHERN ENVIRONMENTAL ON (8-17-99).

UST KEY

UST #1 8000-GALLON UNLEADED GASOLINE
UST #2 8000-GALLON UNLEADED GASOLINE
UST #3 6000-GALLON UNLEADED GASOLINE
UST #4 FORMER 10,000 GALLON DIESEL
UST #5 FORMER 10,000 GALLON DIESEL
UST #6 FORMER 1000-GALLON WASTE OIL
UST #7 FORMER 1000-GALLON KEROSENE
UST #8 UNKNOWN CAPACITY WATER
UST #9 FORMER 2000-GALLON WASTE OIL
UST #10 FORMER 4000-GALLON DIESEL
UST #11 FORMER 6000-GALLON GASOLINE
UST #12 FORMER 6000-GALLON GASOLINE
UST #13 FORMER 6000-GALLON GASOLINE

LEGEND

⊗ = MONITORING WELL LOCATION
—W— = UNDERGROUND WATER LINE
—G— = UNDERGROUND GAS LINE
—ST— = UNDERGROUND STORM SEWER
—SAN— = UNDERGROUND SANITARY SEWER

HONECK MILWAUKEE, WI			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 8-20-03	DR. BY: BEB	DR.# 1260-022	SCALE:
GROUNDWATER QUALITY MAP			FIGURE 2

Table 1
Groundwater Elevations
Honeck Cheverolet
Project Number #1260

Monitoring Well	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Date
MW-100	101.38	5.86	95.52	01/26/1995
		5.98	95.40	02/08/1995
		6.18	95.20	03/10/1995
		5.70	95.68	04/08/1996
		5.71	95.67	04/12/1996
		4.07	97.31	06/10/1999
		4.75	96.63	09/07/1999
MW-200	100.98	5.49	95.49	01/26/1995
		6.01	94.97	02/08/1995
		6.61	94.37	03/10/1995
		4.97	96.01	04/08/1996
		4.80	96.18	04/12/1996
		4.36	96.62	06/10/1999
		3.44	97.54	09/07/1999
MW-300	99.24	7.66	91.58	04/12/1996
		4.81	94.43	06/10/1999
		5.23	94.01	07/15/1999
		5.60	93.64	09/07/1999
		6.35	92.89	03/06/2001

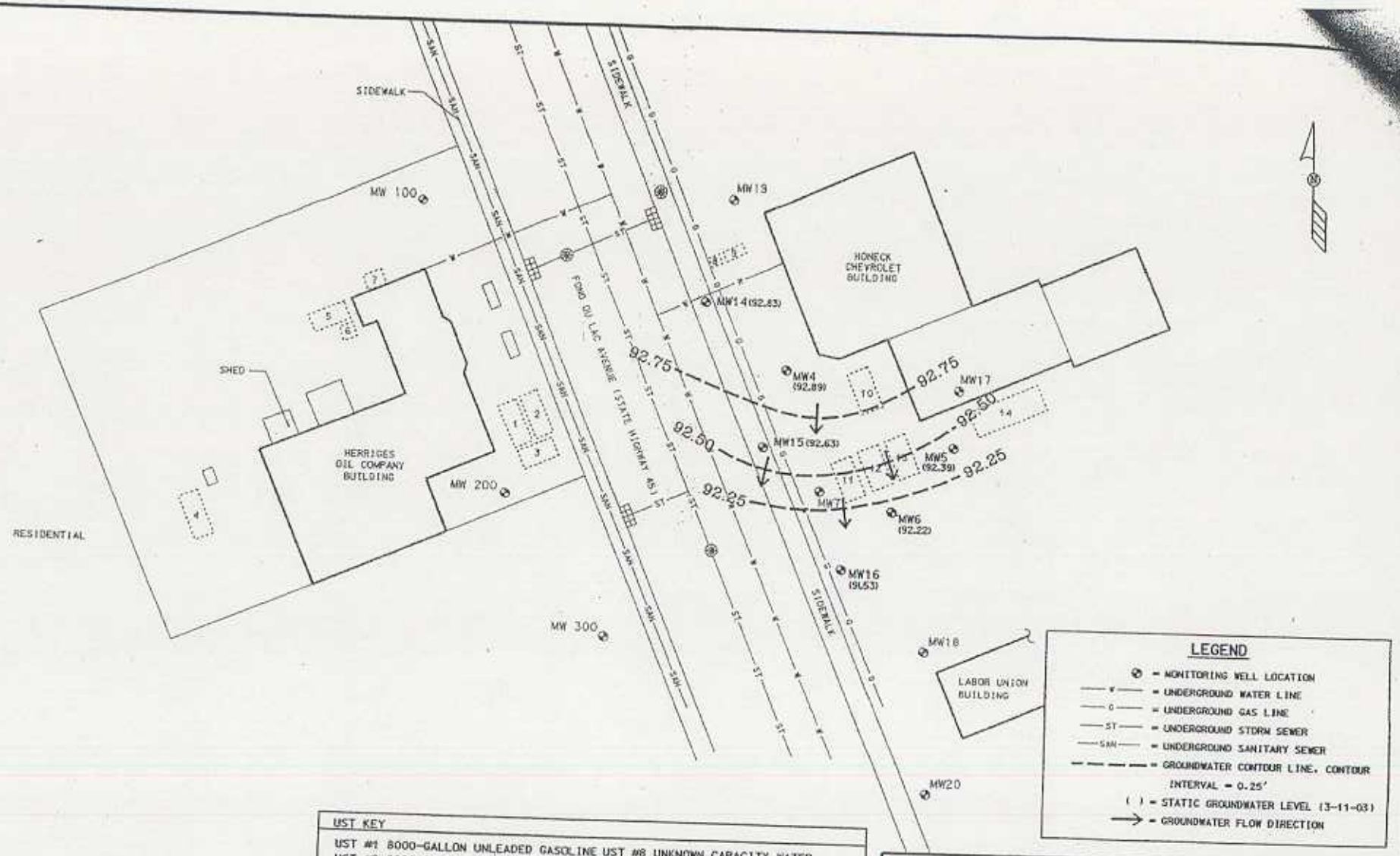
Notes:
1. Elevations are referenced to a site datum-north rim of manhole approximately 8 feet south of MW-7 = 100.00 feet.
2. --- = No depth to water measurement taken.
3. Casing cut down on MW-5 on 7-15-99 by Sigma so flush mount cover will properly fit.
4. NS = Not surveyed

Table 1
Groundwater Elevations
Honeck Cheverolet
Project Number #1260

Monitoring Well	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Date
MW-14	99.52	---	---	11/09/1990
		---	---	11/17/1990
		---	---	11/20/1990
		---	---	01/09/1992
		6.73	92.79	07/24/1992
		4.49	95.03	06/10/1999
		4.00	95.52	07/15/1999
		3.20	96.32	09/07/1999
		6.27	93.25	03/06/2001
		6.69	92.83	03/11/2003
MW-15	99.57	---	---	11/09/1990
		---	---	11/17/1990
		---	---	11/20/1990
		---	---	01/09/1992
		4.06	95.51	07/24/1992
		3.60	95.97	06/10/1999
		3.27	96.30	07/15/1999
		3.68	95.89	09/07/1999
		6.13	93.44	03/06/2001
		6.94	92.63	03/11/2003
MW-16	98.86	---	---	11/09/1990
		---	---	11/17/1990
		---	---	11/20/1990
		---	---	01/09/1992
		4.53	94.33	07/24/1992
		4.47	94.39	06/10/1999
		4.67	94.19	07/15/1999
		5.15	93.71	09/07/1999
		6.19	92.67	03/06/2001
		7.33	91.53	03/11/2003
MW-17		---	---	11/09/1990
		---	---	11/17/1990
		---	---	11/20/1990
		---	---	01/09/1992
		---	---	07/24/1992
		---	---	06/10/1999
		4.58	-4.58	07/15/1999
		---	---	09/07/1999
		7.47	-7.47	03/11/2003
MW-18	NS	12.31	-12.31	03/06/2001
		8.20	-8.20	03/11/2003
MW-19	NS	6.55	-6.55	03/06/2001
		7.19	-7.19	03/11/2003
MW-20		7.69	-7.69	03/11/2003

Table 1
Groundwater Elevations
Honeck Cheverolet
Project Number #1260

Monitoring Well	Top of Casing Elevation	Depth to Groundwater (feet)	Groundwater Elevation	Date
MW-4	100.01	4.27	95.74	11/09/1990
		3.97	96.04	11/17/1990
		3.87	96.14	11/20/1990
		4.10	95.91	01/09/1992
		3.93	96.08	07/24/1992
		3.47	96.54	06/10/1999
		---	---	07/15/1999
		3.41	96.60	09/07/1999
		6.21	93.80	03/06/2001
		7.12	92.89	03/11/2003
MW-5	100.66	5.14	95.52	11/09/1990
		5.33	95.33	11/17/1990
		5.50	95.16	11/20/1990
		4.65	96.01	01/09/1992
		5.05	95.61	07/24/1992
		4.68	95.98	06/10/1999
		5.02	95.64	07/15/1999**
		5.37	95.29	09/07/1999
		6.12	94.54	03/06/2001
		8.27	92.39	03/11/2003
MW-6	99.90	11.53	88.37	11/09/1990
		5.08	94.82	11/17/1990
		5.20	94.70	11/20/1990
		5.06	94.84	01/09/1992
		4.97	94.93	07/24/1992
		4.15	95.75	06/10/1999
		4.37	95.53	07/15/1999
		4.76	95.14	09/07/1999
		6.17	93.73	03/06/2001
		7.68	92.22	03/11/2003
MW-7	99.49	Dry	---	11/09/1990
		4.32	95.17	11/17/1990
		4.43	95.06	11/20/1990
		4.00	95.49	01/09/1992
		4.10	95.39	07/24/1992
		3.46	96.03	06/10/1999
		3.31	96.18	07/15/1999
		3.67	95.82	09/07/1999
		6.00	93.49	03/06/2001
		--	--	03/11/2003

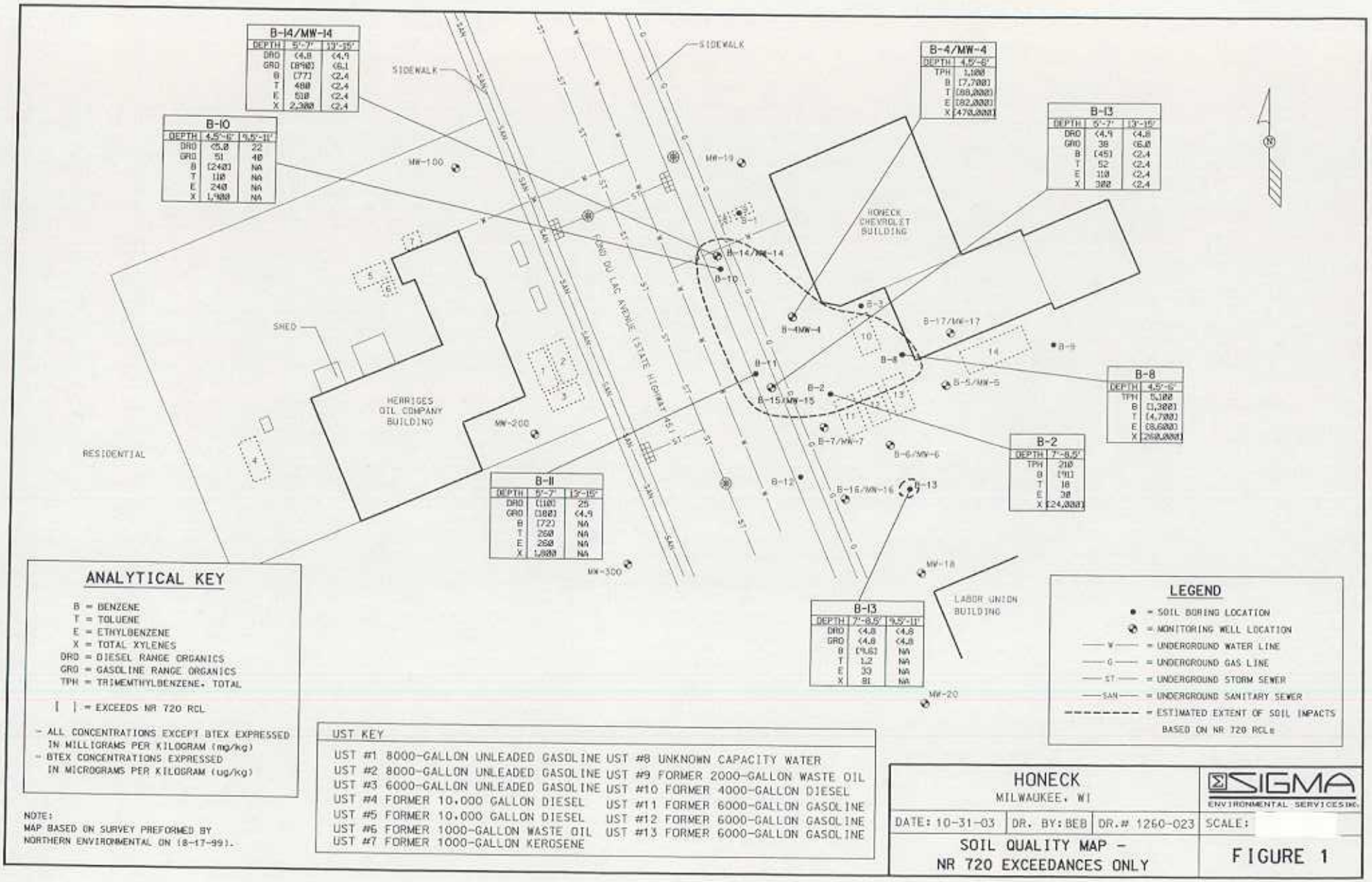


NOTE:
MAP BASED ON SURVEY PREFORMED BY NORTHERN ENVIRONMENTAL ON (8-17-99).

UST KEY

UST #1 8000-GALLON UNLEADED GASOLINE	UST #8 UNKNOWN CAPACITY WATER
UST #2 8000-GALLON UNLEADED GASOLINE	UST #9 FORMER 2000-GALLON WASTE OIL
UST #3 6000-GALLON UNLEADED GASOLINE	UST #10 FORMER 4000-GALLON DIESEL
UST #4 FORMER 10,000 GALLON DIESEL	UST #11 FORMER 6000-GALLON GASOLINE
UST #5 FORMER 10,000 GALLON DIESEL	UST #12 FORMER 6000-GALLON GASOLINE
UST #6 FORMER 1000-GALLON WASTE OIL	UST #13 FORMER 6000-GALLON GASOLINE
UST #7 FORMER 1000-GALLON KEROSENE	

HONECK MILWAUKEE, WI			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 5-15-03	DR. BY: BEB	DR.# 1260-020	SCALE:
GROUNDWATER CONTOUR MAP (3-11-03)			FIGURE 1



ANALYTICAL KEY

B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
DRO = DIESEL RANGE ORGANICS
GRO = GASOLINE RANGE ORGANICS
TPH = TRIMEMTHYLBENZENE, TOTAL

[ ] = EXCEEDS NR 720 RCL

- ALL CONCENTRATIONS EXCEPT BTEX EXPRESSED IN MILLIGRAMS PER KILOGRAM (mg/kg)
- BTEX CONCENTRATIONS EXPRESSED IN MICROGRAMS PER KILOGRAM (ug/kg)

NOTE:
MAP BASED ON SURVEY PREFORMED BY NORTHERN ENVIRONMENTAL ON (8-17-99).

UST KEY

UST #1 8000-GALLON UNLEADED GASOLINE
UST #2 8000-GALLON UNLEADED GASOLINE
UST #3 6000-GALLON UNLEADED GASOLINE
UST #4 FORMER 10,000 GALLON DIESEL
UST #5 FORMER 10,000 GALLON DIESEL
UST #6 FORMER 1000-GALLON WASTE OIL
UST #7 FORMER 1000-GALLON KEROSENE
UST #8 UNKNOWN CAPACITY WATER
UST #9 FORMER 2000-GALLON WASTE OIL
UST #10 FORMER 4000-GALLON DIESEL
UST #11 FORMER 6000-GALLON GASOLINE
UST #12 FORMER 6000-GALLON GASOLINE
UST #13 FORMER 6000-GALLON GASOLINE

LEGEND

● = SOIL BORING LOCATION
⊗ = MONITORING WELL LOCATION
—W— = UNDERGROUND WATER LINE
—G— = UNDERGROUND GAS LINE
—ST— = UNDERGROUND STORM SEWER
—SAN— = UNDERGROUND SANITARY SEWER
- - - - - = ESTIMATED EXTENT OF SOIL IMPACTS BASED ON NR 720 RCLs

HONECK MILWAUKEE, WI			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 10-31-03	DR. BY: BEB	DR.# 1260-023	SCALE:
SOIL QUALITY MAP - NR 720 EXCEEDANCES ONLY			FIGURE 1

SIGMA
ENVIRONMENTAL SERVICES INC.

220 East Ryan Road
Oak Creek, WI 53154-4533
414-768-7144
FAX: 414-768-7158

September 2, 2003

Project Reference #1260

Mr. Dan Schmidt
Village Administrator, Clerk, Treasurer
204 First Street
P.O. Box 38
Kewaskum, WI 53040

RE: **Notice of Dissolved Petroleum Impacts Within Public Street or Right-of-Way**
Former Honeck Chevrolet Property
1242 Fond du Lac Avenue
Kewaskum, Wisconsin

Dear Mr. Schmidt,

On behalf of Ms. Janice Honeck, Sigma Environmental Services, Inc. (Sigma) is notifying the Village of Kewaskum, Village Administrator regarding the potential presence of dissolved petroleum hydrocarbon impacts within groundwater located along the western property line (Fond du Lac Avenue) at the property cited. Sigma is petitioning the Wisconsin Department of Commerce (COMM) for case closure for the site, conditional upon filing of the appropriate GIS registry information and notifying municipal authorities of petroleum impacts extending into public right-of-ways.

Sigma is notifying your department pursuant to Wisconsin Administrative Code, Chapter NR 726.05 (2)(b)(4), of the potential presence of groundwater impacts beneath the right-of-way, which may exceed applicable Wisconsin Administrative Code, Chapter NR 140 standards for groundwater.

Sigma has enclosed a Groundwater Contour Map and Groundwater Quality Map showing monitoring well locations and the extent of dissolved benzene, ethylbenzene, toluene and xylenes detected during a March 2003 sampling event. Petroleum impacted groundwater above Wisconsin Administrative Code, Chapter NR 140 enforcement standards exist near the western edge of the property on Fond du Lac Avenue. Sigma's investigation, remediation and monitoring data has confirmed that the groundwater contaminant plume is stable or receding and that natural attenuation will restore the groundwater to NR140 standards within a reasonable period of time.

If future construction activities disturb soil in the vicinity of the above referenced site, the excavated soil may be considered a solid waste and require proper disposal. In addition, if future construction activities require dewatering, or if groundwater is to be otherwise extracted in the vicinity of the above referenced site, the groundwater shall be sampled and managed in compliance with applicable statutes and rules.

If you have any questions or comments, please contact us at (414) 768-7144.

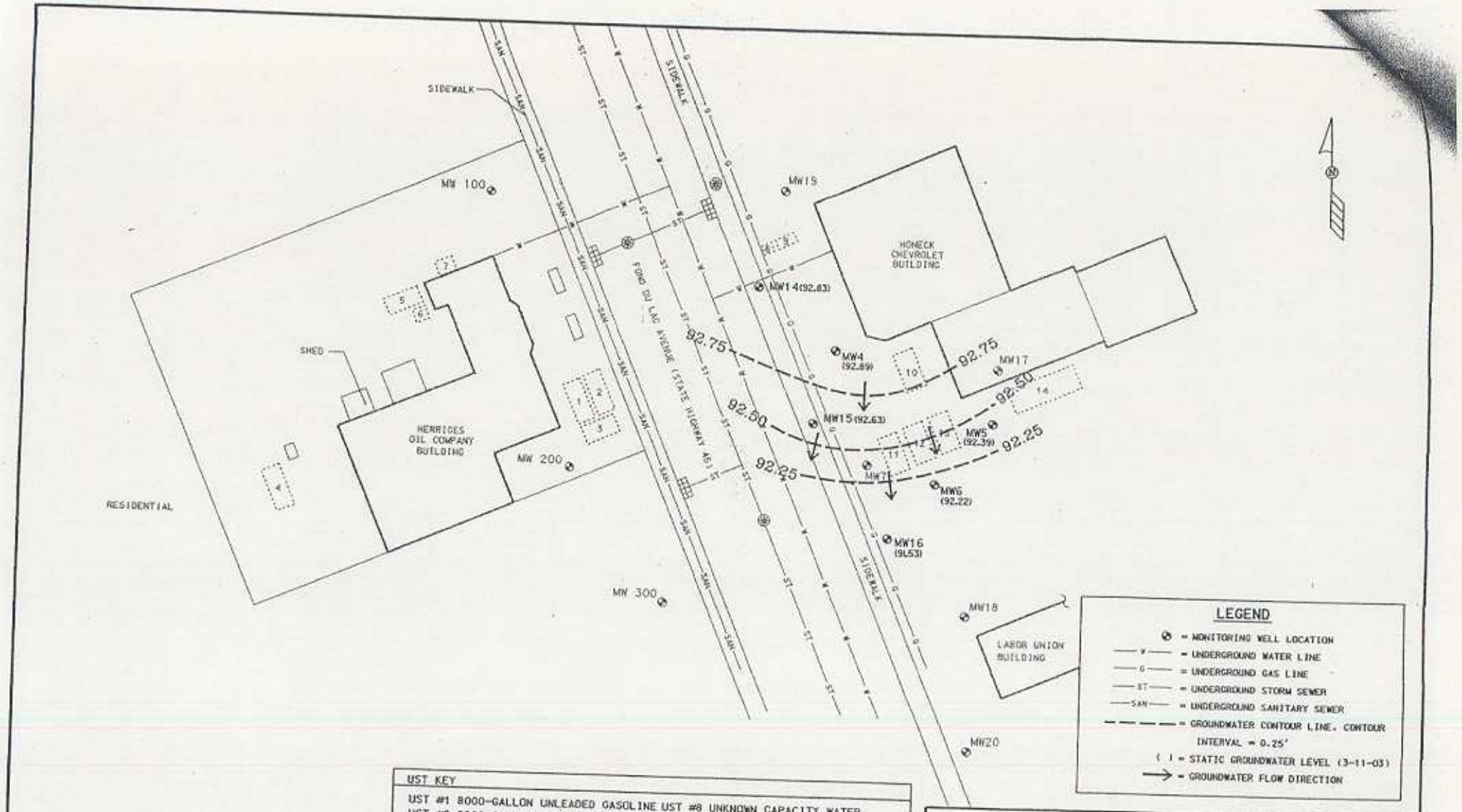
Sincerely,

SIGMA ENVIRONMENTAL SERVICES,

Mary E. Clifford
Staff Scientist

Dale C. Armbruster, PG.
Project Manager

ATTACHMENT
Cc: Ms. Janice Honeck

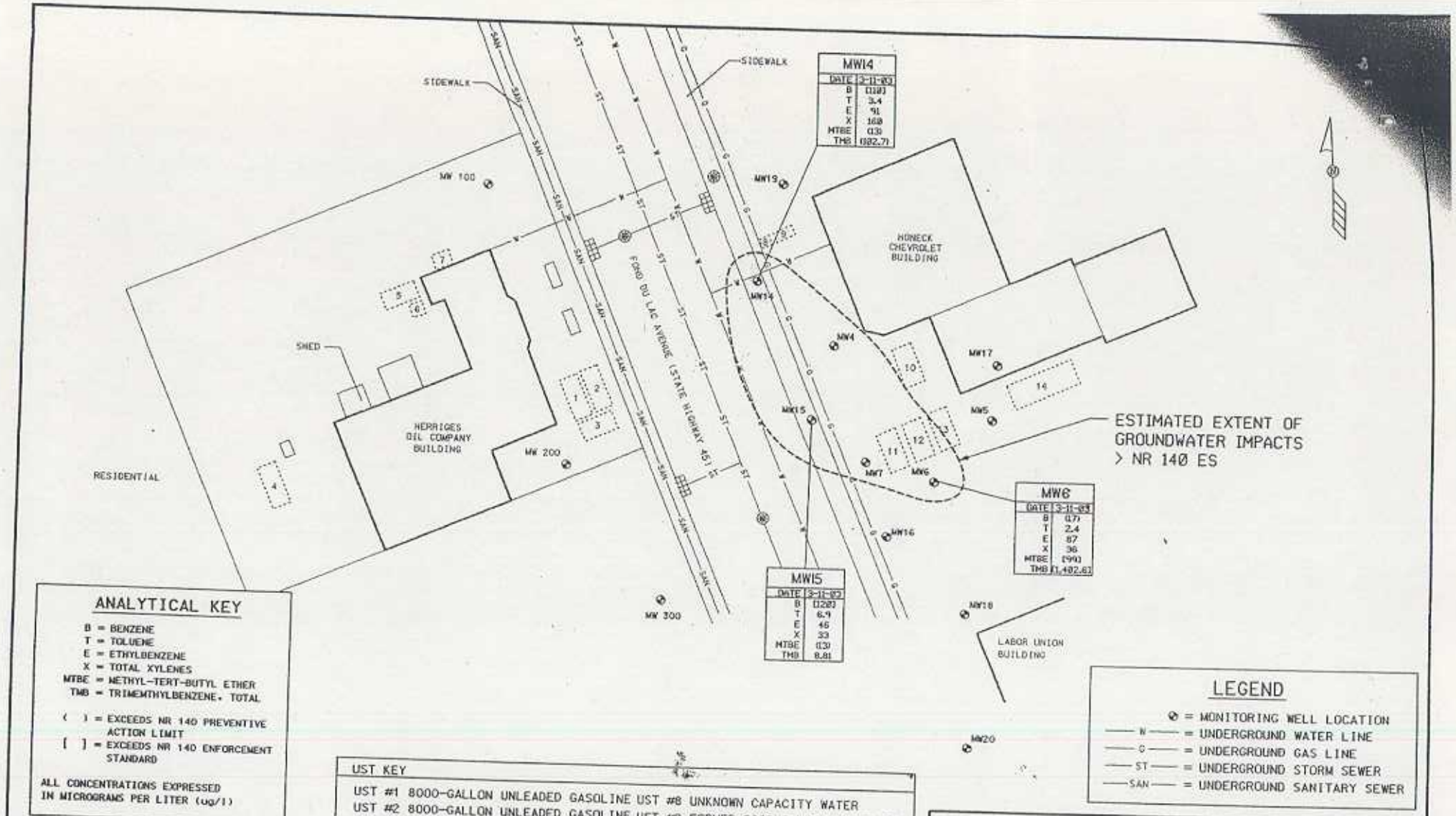


NOTE:
MAP BASED ON SURVEY PREFORMED BY NORTHERN ENVIRONMENTAL ON (8-17-99).

UST KEY

UST #1 8000-GALLON UNLEADED GASOLINE
UST #2 8000-GALLON UNLEADED GASOLINE
UST #3 6000-GALLON UNLEADED GASOLINE
UST #4 FORMER 10,000 GALLON DIESEL
UST #5 FORMER 10,000 GALLON DIESEL
UST #6 FORMER 1000-GALLON WASTE OIL
UST #7 FORMER 1000-GALLON KERDSENE
UST #8 UNKNOWN CAPACITY WATER
UST #9 FORMER 2000-GALLON WASTE OIL
UST #10 FORMER 4000-GALLON DIESEL
UST #11 FORMER 6000-GALLON GASOLINE
UST #12 FORMER 6000-GALLON GASOLINE
UST #13 FORMER 6000-GALLON GASOLINE

HONECK MILWAUKEE, WI			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 5-15-03	DR. BY: BEB	DR.# 1260-020	SCALE:
GROUNDWATER CONTOUR MAP (3-11-03)			FIGURE 1



ANALYTICAL KEY

B = BENZENE
T = TOLUENE
E = ETHYLBENZENE
X = TOTAL XYLENES
MTBE = METHYL-TERT-BUTYL ETHER
TMB = TRIMEMTHYLBENZENE, TOTAL

( ) = EXCEEDS NR 140 PREVENTIVE ACTION LIMIT
[ ] = EXCEEDS NR 140 ENFORCEMENT STANDARD

ALL CONCENTRATIONS EXPRESSED IN MICROGRAMS PER LITER (ug/l)

NOTE:
MAP BASED ON SURVEY PREFORMED BY NORTHERN ENVIRONMENTAL ON (8-17-99).

UST KEY

UST #1 8000-GALLON UNLEADED GASOLINE
UST #2 8000-GALLON UNLEADED GASOLINE
UST #3 6000-GALLON UNLEADED GASOLINE
UST #4 FORMER 10,000 GALLON DIESEL
UST #5 FORMER 10,000 GALLON DIESEL
UST #6 FORMER 1000-GALLON WASTE OIL
UST #7 FORMER 1000-GALLON KEROSENE
UST #8 UNKNOWN CAPACITY WATER
UST #9 FORMER 2000-GALLON WASTE OIL
UST #10 FORMER 4000-GALLON DIESEL
UST #11 FORMER 6000-GALLON GASOLINE
UST #12 FORMER 6000-GALLON GASOLINE
UST #13 FORMER 6000-GALLON GASOLINE

LEGEND

⊗ = MONITORING WELL LOCATION
—N— = UNDERGROUND WATER LINE
—G— = UNDERGROUND GAS LINE
—ST— = UNDERGROUND STORM SEWER
—SAN— = UNDERGROUND SANITARY SEWER

HONECK MILWAUKEE, WI			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 8-20-03	DR. BY: BEB	DR.# 1260-022	SCALE:
GROUNDWATER QUALITY MAP			FIGURE 2