

GIS Registry Disclaimer

This case was closed by the DNR prior to August 1, 2002, when DNR began adding approved cleanups with residual soil contamination into the GIS Registry. Certain documents that are currently required by ch. NR 726, Wis. Adm. Code may therefore not be included in this packet as they were unavailable at the time the original case was closed.

The information contained in this document was assembled by DNR from a previously closed case file, and added to the GIS Registry to provide the public with information on closed sites with residual soil and/or groundwater contamination remaining above applicable state standards.

GIS REGISTRY

Cover Sheet

July, 2008
(RR 5367)

Source Property Information

BRRTS #:

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

COMM #:

*WTM COORDINATES:

X: Y:

** Coordinates are in
WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

Approximate Center Of Contaminant Source

Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property")*

Soil Contamination > *RCL or **SSRCL (232)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property")*

Land Use Controls:

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations
between residential and industrial levels)*

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

*(note: maintenance plan for
groundwater or direct contact)*

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government or economic
development corporation)*

Monitoring wells properly abandoned? (234)

Yes No N/A

** Residual Contaminant Level*

***Site Specific Residual Contaminant Level*

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: PARCEL ID #:

ACTIVITY NAME: WTM COORDINATES: X: Y:

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- Closure Letter**
- Maintenance Plan** (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Conditional Closure Letter**
- Certificate of Completion (COC)** for VPLE sites

SOURCE LEGAL DOCUMENTS

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
Figure #: **Title:**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

- Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.
- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.
Figure #: **Title: Site Location Map**
 - Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: **Title: Area of Soil Excavation**
 - Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: **Title:**

BRRTS #: 03-29-000422

ACTIVITY NAME: Heding Truck Service

MAPS (continued)

- Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: **Title: Cross-Section**

Figure #: **Title:**

- Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.

Note: This is intended to show the total area of contaminated groundwater.

Figure #: **Title:**

- Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: **Title: Groundwater Flow - 7/29/97**

Figure #: **Title:**

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

- Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: **Title: Heding Trucking Soil Excavation Data Table**

- Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: **Title: Groundwater Quality Test Results**

- Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: **Title:**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

Note: If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

Note: If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

Figure #: **Title:**

- Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

- Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

- Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 03-29-000422

ACTIVITY NAME: Hedging Truck Service

NOTIFICATIONS

Source Property

- Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

- Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.
Number of "Off-Source" Letters:
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.
- Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).
Number of "Governmental Unit/Right-Of-Way Owner" Letters:



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary

Box 7921
101 South Webster Street
Madison, Wisconsin 53707-7921
TELEPHONE 608-266-2621
FAX 608-267-3579
TDD 608-267-6897

May 28, 1999

MR HARRY HEDING
HEDING TRUCKING SERVICE
431 PERRY STREET
UNION CENTER WI 53962

SUBJECT: Heding Trucking Service, Union Center, Juneau County
DNR Case #03-29-000422

Dear Mr. Heding:

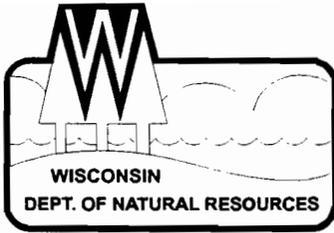
The Department received the deed notification and well abandonment logs for the above-referenced case on May 19, 1999. As indicated in our May 22, 1999 close-out letter, this case is now considered closed. Thank you.

Sincerely,

Cynthia L. Koepke, P.G., Hydrogeologist
Remediation and Redevelopment Program
West Central Region

cc: Dave Tully, METCO, 520 Fisherman's Road., LaCrosse 54603





State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
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101 S. Webster St.
Box 7921
Madison, Wisconsin 53707-7921
Telephone 608-266-2621
FAX 608-267-3579
TDD 608-267-6897

MAY 22 1998

MR HARRY HEDING
HEDING TRUCKING SERVICE
1 PERRY STREET
UNION CENTER WI 53962

SUBJECT: Heding Trucking Service, Union Center, Juneau County,
DNR Case #03-29-000422

Dear Mr. Heding:

The above-referenced case was reviewed by the West Central Region Closeout Committee on May 14, 1998. Based on all information contained in the site file and submitted by your consultant, it is the decision of the Committee that no further investigatory or clean-up action is needed at the above-referenced site.

The Department denied close-out of this case on March 10, 1998, due to a lack of data from the original tank excavation. Unfortunately, no samples were taken in the excavation when it was open. METCO provided the Department with some additional information on May 7, 1998. Based on that information and our re-evaluation of the empirical data, the Department has closed your case with the conditions discussed below.

Based on the investigative and remedial documentation provided to the Department, it appears that the petroleum contamination has been investigated and remediated to the extent practicable under current site conditions. Therefore, the Department considers the case "closed," having determined that no further action is necessary at the site at this time. Due to structural impediments, there is residual soil contamination near the property line along the sewer line. For this reason, the closeout committee required as a condition of the closeout of the case that the property owner sign and record an affidavit at the County Register of Deeds office for the property, giving notice that there is inaccessible residual soil contamination remaining on the property, within 30 days after receipt of this letter. To document that this condition has been complied with, the property owner must submit to the Department a copy of the recorded affidavit, with the recording information stamped on it, within 15 days after the County Register of Deeds returns the affidavit to the property owner. The affidavit may be amended in the future if conditions change at the site and the residual contamination is defined or remediated.

Recent groundwater data for this site indicates an exceedance of the NR 140 preventive action limits (PAL) for benzene but compliance with the NR 140 enforcement standards (ES). The Department may grant an exemption pursuant to s. NR 140.28(2), Wisconsin Administrative Code, if the following criteria are met:

- a) the anticipated increase in the concentrations of benzene will be minimized to the extent technically and economically feasible.



Quality Natural Resources Management
Through Excellent Customer Service



- b) compliance with the PALs is not feasible either technically or economically.
- c) the ES for benzene will not be attained or exceeded at the point of standards application.

The Department believes that the above criteria have been met because of the remediation which has occurred at this site. Therefore, pursuant to NR 140.28, an exemption for benzene is granted. This letter serves as your exemption.

The monitoring wells and/or boreholes that were installed as part of your investigation and remedial action, must be properly abandoned in accordance with the Department of Natural Resources Administrative Code Chapter NR 141.25. Documentation substantiating proper abandonment (Form 3300-5W) should be forwarded to me, and at that time the case will be considered closed.

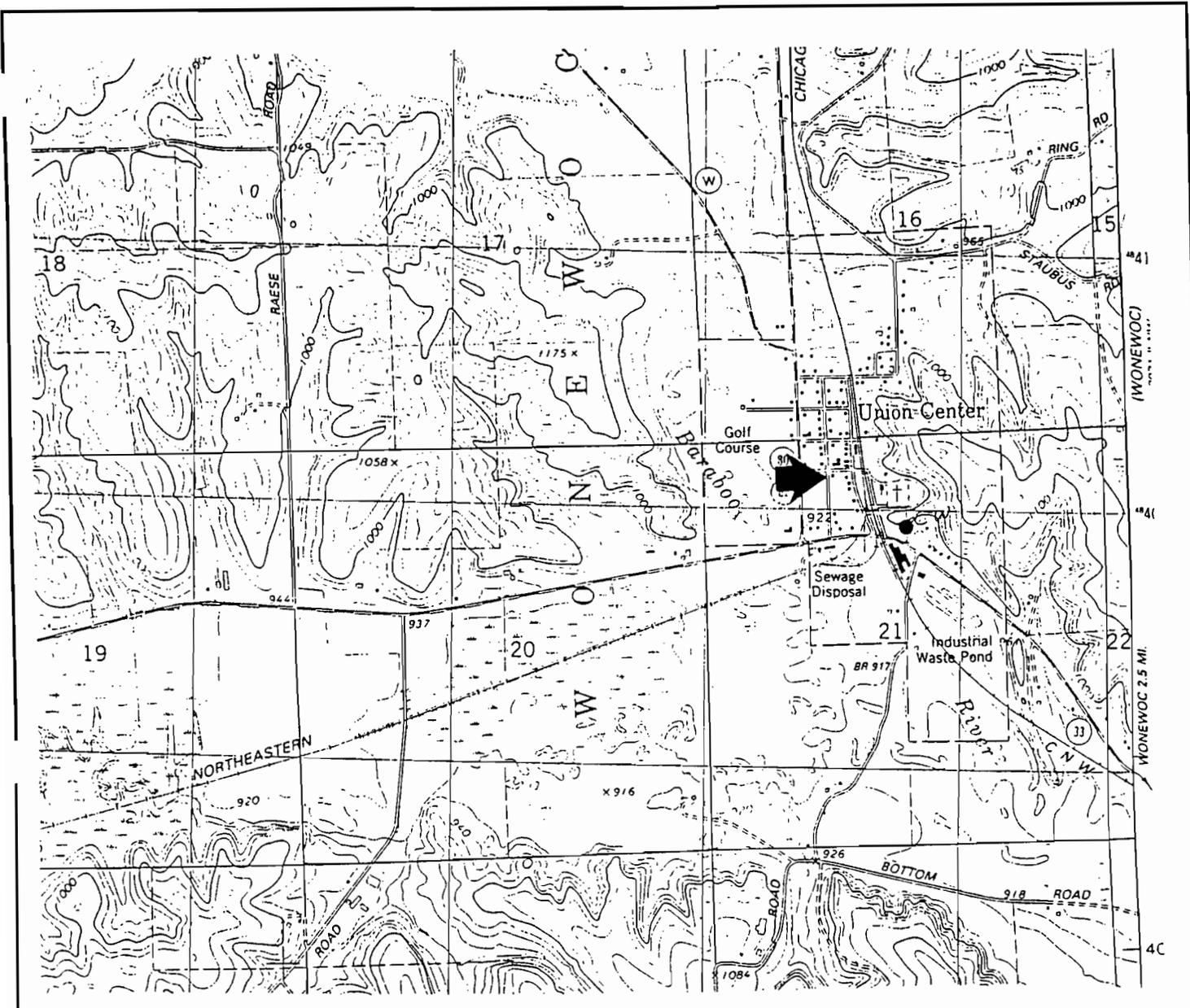
If you have additional relevant information that was not formerly provided to the Department, and which you feel would significantly impact the Department's decision, you may submit that information for our re-evaluation of case closure.

Sincerely,



Cynthia L. Koepke, P.G., Hydrogeologist
Remediation & Redevelopment Program
West Central Region

cc: Village of Union Center (Village Clerk) 53962
David Tully, METCO, 520 Fisherman's Road, LaCrosse, WI 54603



SITE LOCATION MAP

HILLSBORO QUADRANGLE
7.5 MINUTE SERIES

HEDING TRUCKING
UNION CENTER, WISCONSIN



QUADRANGLE LOCATION

● MUNICIPAL WELL (440 FT. DEEP)

SCALE 1:24,000

METCO

Midwest Electro Tech Corp.





HOME

MAIN STREET

GRAVEL

ASPHALT

HEDING OFFICE

AREA OF SOIL EXCAVATION

HEDING TRUCKING UNION CENTER, WI
BY MW/METCO
6/11/93

SCALE: 1IN = 50FT.

UTILITIES :
WATER _____
SEWER _____
GAS _____



SHED

GRASS

PERRY STREET

W-14

W-15

MW-3

W-7

468 TONS OF CONTAMINATED SOIL REMOVED
(ALSO THE LOCATION OF TWO IN-USE 6,000 GAL. DIESEL TANKS)

AREA OF SOIL EXCAVATION

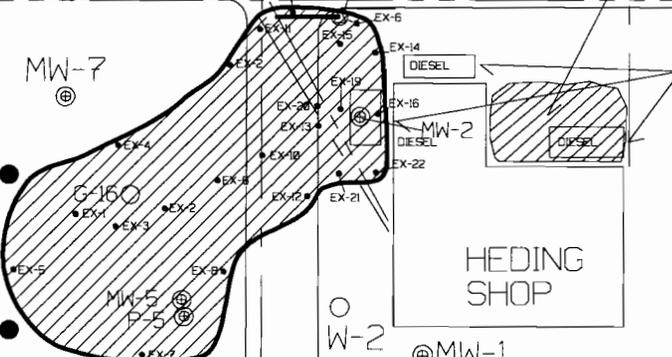
PARKING

MW-7

W-8

HORIZONTAL SVE WELL

REMOVED TANKS
W-6
MW-4



HEDING SHOP

W-2

MW-1

W-5

GRAVEL

MW-6

W-4

W-9

W-3

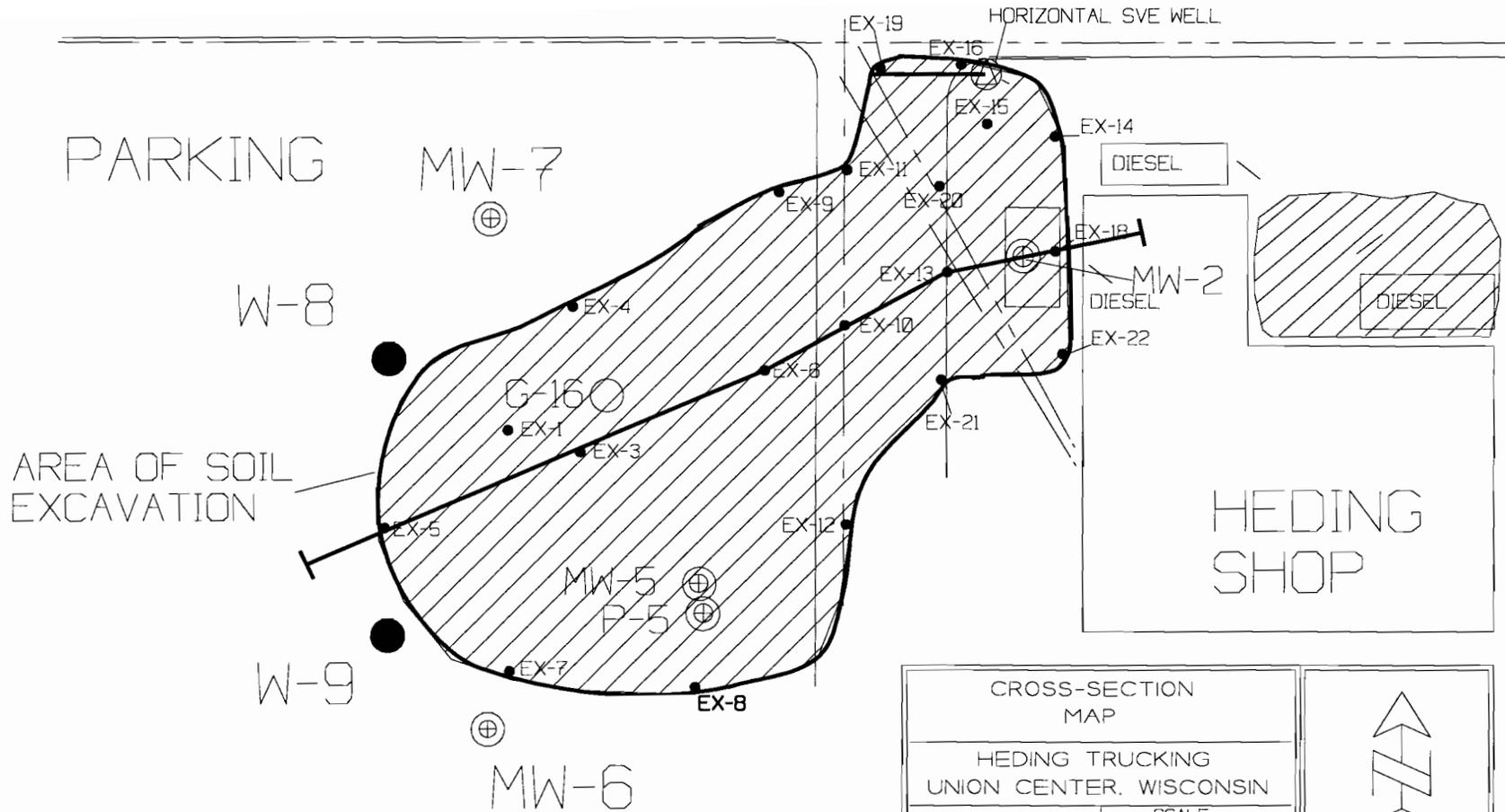
ASHPALT

GRASS

W-10

W-11

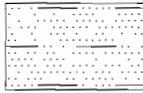
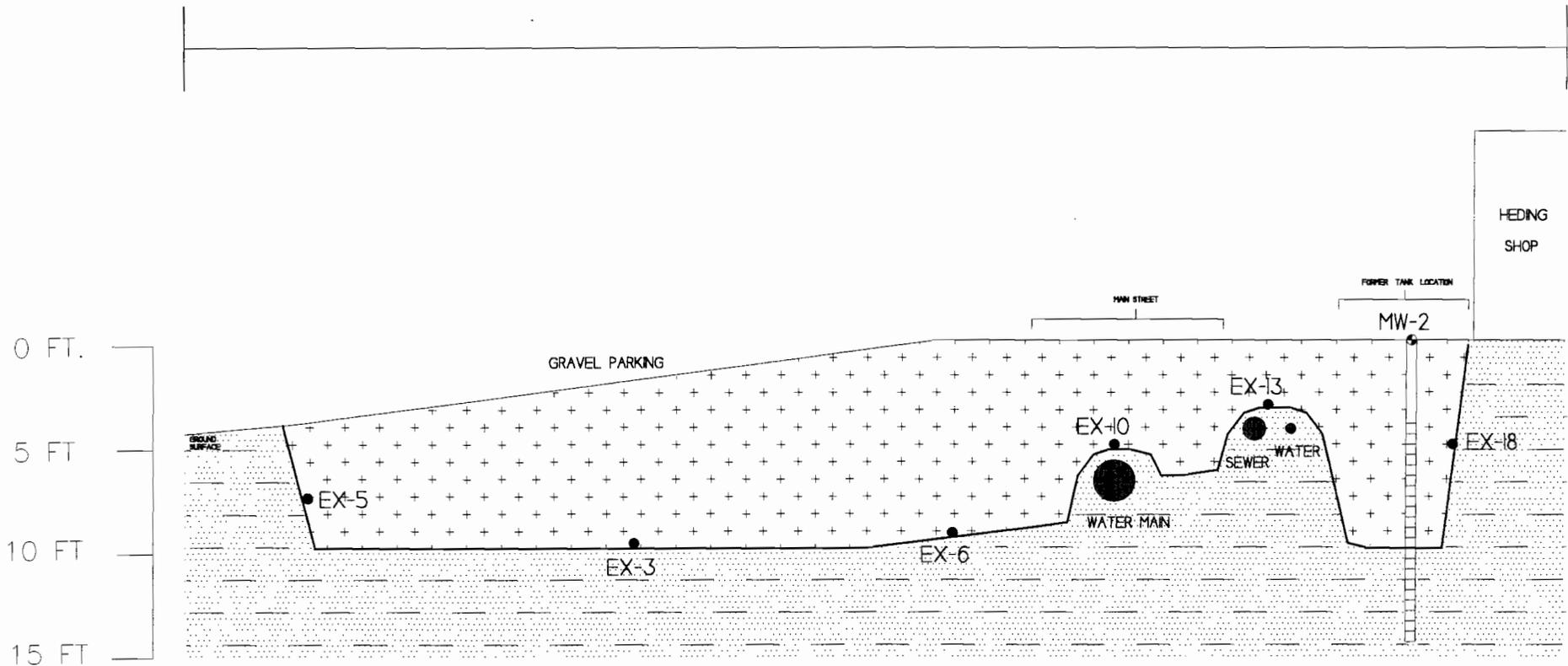
W-12



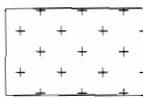
CROSS-SECTION MAP		
HEDING TRUCKING UNION CENTER, WISCONSIN		
	SCALE: 1 IN. = 25 FT. DRAWN BY: ZB DATE: 3/29/96 JOB NO: D-95-232	
110 UNIVERSITY BLVD ST. LOUIS, MO 63103 TEL: 314-241-1000 FAX: 314-241-1001 WWW: WWW.METCO.COM		

A

A



SILTY SAND



SANDY BACKFILL



EXTENT OF EXCAVATION



UTILITY

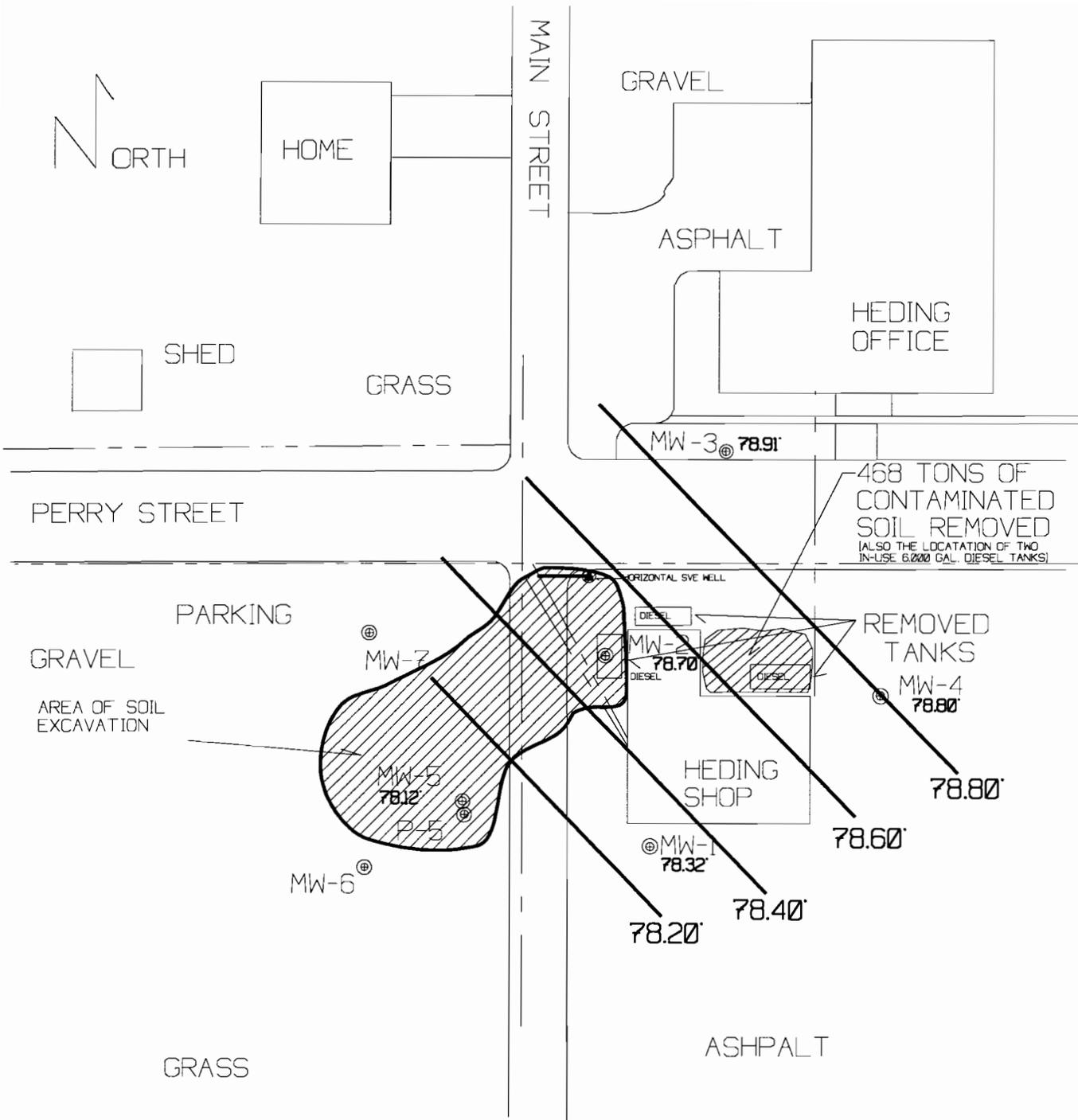


MONITORING WELL LOCATION



SAMPLE LOCATION

CROSS-SECTION	
HEDING TRUCKING UNION CENTER, WISCONSIN	
	HORIZONTAL SCALE: 1 IN = 10 FT VERTICAL SCALE: 1 IN = 5 FT
210 N. WISCONSIN AVE. MILWAUKEE, WI 53203 TEL: 414-224-1100 FAX: 414-224-1101	DRAWN BY ZB DATE 4/10/96 JOB NO. D-95-232



GROUNDWATER
FLOW - 07/29/97

HEDING TRUCKING
UNION CENTER, WI
BY MW/METCO
6/11/93

SCALE: 1IN = 50FT.

UTILITIES :
WATER _____
SEWER _____
GAS _____ ?

NOTE: DATA FROM MW-2 IGNORED

NOTE: MW-6 AND MW-7 COULD NOT BE LOCATED.

NOTE: PROJECT BENCHMARK IS TOP NUT OF FIRE HYDRANT AT SW QUADRANT OF INTERSECTION OF PERRY AND HIGH STREETS. ELEVATION = 100.0 FEET (ASS.)

**HEDING TRUCKING SOIL EXCAVATION DATA TABLE
BY METCO**

SAMPLING CONDUCTED ON JULY 27-28, 1995

SOIL SAMPLES

Sample Location Number	EX-12	EX-13	EX-14	EX-15	EX-16	EX-19	EX-20	EX-21	EX-22	METH BLANK
Sample Location	S Wall	Excavated	E Wall	Bottom	Sewer	N Wall	Bottom	S Wall	SE Wall	
Sample Depth in Feet	4	3	6	10	5	5	6	6	6	==
Soil Type	Sand	Sand	Sd/St	Sd/St	Sd/St	Sd/St	Sd/St	Sd/St	Sd/St	==
Petroleum Odors	None	Yes	None	None	Yes	None	Yes	None	None	==
Petroleum Staining	None	Yes	None	None	Yes	None	Yes	None	None	==
Moisture	Moist	Moist	Moist	Saturated	Moist	Moist	Saturated	Moist	Moist	==
Lab Sample Collected?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Diesel Range Organics/ppm	50	9600	2.1	<1.4	7800	<1.4	8500	<1.4	<1.4	==
LUST Total Percent Solids	91.2	89.9	89.1	83.7	88.2	83.3	87.3	88.5	87.5	==
Methyl-tert-butyl ether/ppm	<0.025	<2.5	<0.025	<0.025	<1.3	<0.025	<1.3	<0.025	<0.025	<0.025
Benzene/ppm	<0.025	<2.5	<0.025	<0.025	<1.3	<0.025	<1.3	<0.025	<0.025	<0.025
Toluene/ppm	<0.025	<2.5	<0.025	<0.025	<1.3	<0.025	<1.3	<0.025	<0.025	<0.025
Ethylbenzene/ppm	<0.025	3.8	<0.025	<0.025	4.2	<0.025	7.5	<0.025	<0.025	<0.025
m&p-Xylene/ppm	<0.025	<2.5	<0.025	<0.025	<1.3	<0.025	1.8	<0.025	<0.025	<0.025
o-Xylene/ppm	<0.025	<2.5	<0.025	<0.025	<1.3	<0.025	2.5	<0.025	<0.025	<0.025
1,3,5-Trimethylbenzene/ppm	<0.025	11	<0.025	<0.025	7.4	<0.025	8.5	<0.025	<0.025	<0.025
1,2,4-Trimethylbenzene/ppm	<0.025	23	<0.025	<0.025	18	<0.025	23	<0.025	<0.025	<0.025
Naphthalene/ppm	==	<51	==	==	==	<5.5	==	==	==	==
Acenaphthylene/ppm	==	<21	==	==	==	<2.3	==	==	==	==
1-Methyl Naphthalene/ppm	==	140	==	==	==	<4.4	==	==	==	==
2-Methyl Naphthalene/ppm	==	<33	==	==	==	<3.6	==	==	==	==
Acenaphthene/ppm	==	<30	==	==	==	<3.2	==	==	==	==
Fluorene/ppm	==	<2.6	==	==	==	<0.28	==	==	==	==
Phenanthrene/ppm	==	<3.2	==	==	==	<0.35	==	==	==	==
Anthracene/ppm	==	<2.2	==	==	==	<0.24	==	==	==	==
Fluoranthene/ppm	==	<0.33	==	==	==	<0.036	==	==	==	==
Pyrene/ppm	==	38	==	==	==	<0.084	==	==	==	==
Benzo (a) Anthracene/ppm	==	0.49	==	==	==	<0.017	==	==	==	==
Chrysene/ppm	==	3.2	==	==	==	<0.072	==	==	==	==
Benzo (b) Fluoranthene/ppm	==	<0.18	==	==	==	<0.0019	==	==	==	==
Benzo (k) Fluoranthene/ppm	==	<0.21	==	==	==	<0.023	==	==	==	==
Benzo (a) Pyrene/ppm	==	<0.56	==	==	==	<0.060	==	==	==	==
Dibenzo (a,h) Anthracene/ppm	==	<1.0	==	==	==	<0.11	==	==	==	==
Benzo (ghi) Perylene/ppm	==	<1.0	==	==	==	<0.11	==	==	==	==
Indeno (1,2,3-cd) Pyrene/ppm	==	<0.44	==	==	==	<0.048	==	==	==	==

**Groundwater Quality Test Results
Heding Trucking**

**Monitoring Well MW-1
PVC Elevation = 86.48'**

Date	Water Elevation (MSL)	Dissolved Oxygen (ppm)	Benzene (ppb)	Ethyl benzene (ppb)	Toluene (ppb)	xylene (ppb)	Benzo(a) Pyrene (ppb)	Fluorene (ppb)	Napth-alene (ppb)	DRO (ppb)
08/19/92	78.19'	---	<0.2	<1.0	<0.5	<2.0	<0.02	<0.02	<1.0	<100
11/24/92	79.46'	---	<1.0	<1.0	<1.0	<2.0	---	---	<1.0	430
12/14/94	79.30'	---	<1.0	<1.0	<1.0	<2.0	<0.10	<2.0	<10	370
07/09/96	---	---	---	---	---	---	---	---	---	---
11/07/96	78.21'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	<30
01/15/97	78.06'	---	<0.2	<0.2	<0.3	<0.5	<0.089	<0.48	<0.78	<30
04/15/97	79.19'	4.42	<0.20	<0.20	<0.20	<0.50	<0.10	<0.55	<0.89	<27
07/29/97	78.32'	0.34	<0.20	<0.20	<0.20	<0.50	<0.058	<0.14	<0.28	<27

**Monitoring Well MW-2
PVC Elevation = 85.10'**

Date	Water Elevation (MSL)	Dissolved Oxygen (ppm)	Benzene (ppb)	Ethyl benzene (ppb)	Toluene (ppb)	xylene (ppb)	Benzo(a) Pyrene (ppb)	Fluorene (ppb)	Napth-alene (ppb)	DRO (ppb)
08/19/92	78.37'	---	<0.2	<1.0	<0.5	<2.0	<0.02	0.472	1.63	650
11/24/92	79.70'	---	<1.0	1.2	<1.0	<2.0	---	---	1.9	670
12/14/94	79.52'	---	<1.0	<1.0	<1.0	<2.0	<0.10	7.0	<10	7000
07/09/96	79.74'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	960
11/07/96	78.47'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	200
01/15/97	78.41'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	140
04/15/97	79.49'	0.64	<0.20	<0.20	<0.20	<0.50	<0.089	<0.48	<0.78	150
07/29/97	78.70'	0.34	<0.20	<0.20	<0.20	<0.50	<0.058	<0.14	<0.28	<27

**Groundwater Quality Test Results (cont.)
Heding Trucking**

**Monitoring Well MW-3
PVC Elevation = 87.10'**

Date	Water Elevation (MSL)	Dissolved Oxygen (ppm)	Benzene (ppb)	Ethyl benzene (ppb)	Toluene (ppb)	xylene (ppb)	Benzo(a) Pyrene (ppb)	Fluorene (ppb)	Naphthalene (ppb)	DRO (ppb)
08/19/92	78.57'	---	<0.2	<1.0	<0.5	<2.0	<0.02	<0.02	<1.0	<100
11/24/92	79.91'	---	<1.0	<1.0	<1.0	<2.0	---	---	<1.0	<100
12/14/92	79.71'	---	<1.0	<1.0	<1.0	<2.0	<0.10	<2.0	<10	240
07/09/96	79.96'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	<29
11/07/96	78.69'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	<30
01/15/97	78.64'	---	3.1	<0.2	<0.2	0.6??	<0.089	<0.48	<0.78	79
04/15/97	79.64'	2.59	3.2	0.4	<0.20	<0.50	<0.089	<0.48	<0.78	<27
07/29/97	78.91'	1.84	0.7	<0.20	<0.20	<0.50	<0.058	<0.14	<0.28	<27

**Monitoring Well MW-4
PVC Elevation = 86.95'**

Date	Water Elevation (MSL)	Dissolved Oxygen (ppm)	Benzene (ppb)	Ethyl benzene (ppb)	Toluene (ppb)	xylene (ppb)	Benzo(a) Pyrene (ppb)	Fluorene (ppb)	Naphthalene (ppb)	DRO (ppb)
08/19/92	78.56'	---	<0.2	<1.0	<0.5	<2.0	<0.02	<0.02	<1.0	<100
11/24/92	79.57'	---	<1.0	<1.0	<1.0	<2.0	---	---	<1.0	<100
12/14/94	79.62'	---	<1.0	<1.0	<1.0	<2.0	<0.10	<2.0	<10	120
07/09/96	79.93'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	46
11/07/96	78.63'	---	<0.2	<0.2	0.5	<0.5	<0.089	<0.48	<0.78	<30
01/15/97	78.58'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	59
04/15/97	79.39'	2.34	<0.20	<0.20	<0.20	<0.50	<0.089	<0.48	<0.78	500
07/29/97	78.80'	0.49	<0.20	<0.20	<0.20	<0.50	<0.058	<0.14	<0.28	<27

**Groundwater Quality Test Results (cont.)
Heding Trucking**

**Monitoring Well MW-5
PVC Elevation = 82.55'**

Date	Water Elevation (MSL)	Dissolved Oxygen (ppm)	Benzene (ppb)	Ethyl benzene (ppb)	Toluene (ppb)	xylene (ppb)	Benzo(a) Pyrene (ppb)	Fluorene (ppb)	Naphthalene (ppb)	DRO (ppb)
08/19/92	---	---	---	---	---	---	---	---	---	---
11/24/92	79.37'	---	<1.0	<1.0	1.9	<2.0	---	---	<1.0	2,400
12/14/94	78.95'	---	<1.0	<1.0	<1.0	<2.0	<0.10	<2.0	<10	1,200
07/09/96	79.02'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	500
11/07/96	77.79'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	320
01/15/97	77.54'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	400
04/15/97	79.15'	1.03	<0.20	<0.20	<0.20	<0.50	<0.089	<4.8	<7.8	390
07/29/97	78.12'	0.24	<0.20	<0.20	<0.20	<0.50	<0.059	<0.14	<0.29	120

**Monitoring Well P-5
PVC Elevation = 82.68'**

Date	Water Elevation (MSL)	Dissolved Oxygen (ppm)	Benzene (ppb)	Ethyl benzene (ppb)	Toluene (ppb)	xylene (ppb)	Benzo(a) Pyrene (ppb)	Fluorene (ppb)	Naphthalene (ppb)	DRO (ppb)
08/19/92	---	---	---	---	---	---	---	---	---	---
11/24/92	78.04'	---	<1.0	<1.0	4.5	<2.0	---	---	<1.0	<100
12/14/94	78.23'	---	<1.0	<1.0	<1.0	<2.0	<0.10	<2.0	<10	83
07/09/96	77.91'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	<29
11/07/96	77.55'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	<30
01/15/97	77.55'	---	<0.2	<0.2	<0.2	<0.5	<0.089	<0.48	<0.78	<30
04/15/97	77.84'	0.77	<0.20	<0.20	<0.20	<0.50	<0.089	<0.48	<0.78	<27
07/29/97	77.44'	0.43	<0.20	<0.20	<0.20	<0.50	<0.058	<0.14	<0.28	<27

**Groundwater Quality Test Results (cont.)
Heding Trucking**

**Monitoring Well MW-6
PVC Elevation = 79.16'**

Date	Water Elevation (MSL)	Dissolved Oxygen (ppm)	Benzene (ppb)	Ethyl benzene (ppb)	Toluene (ppb)	xylene (ppb)	Benzo(a) Pyrene (ppb)	Fluorene (ppb)	Naphthalene (ppb)	DRO (ppb)
11/24/92	---	---	<1.0	<1.0	2.5	<2.0	---	---	<1.0	<100

MW-6 could not be located due to gravel cover on adjacent property.

**Monitoring Well MW-7
PVC Elevation = 81.11'**

Date	Water Elevation (MSL)	Dissolved Oxygen (ppm)	Benzene (ppb)	Ethyl benzene (ppb)	Toluene (ppb)	xylene (ppb)	Benzo(a) Pyrene (ppb)	Fluorene (ppb)	Naphthalene (ppb)	DRO (ppb)
11/24/92	79.57'	---	<1.0	<1.0	2.6	6.8	---	---	1.2	1,300
12/14/94	78.78'	---	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<10	510

MW-7 could not be located due to gravel cover on adjacent property.