

GIS REGISTRY

Cover Sheet

March, 2010
(RR 5367)

Source Property Information

BRRTS #: 03-36-001104

ACTIVITY NAME: Hildebrandt Property

PROPERTY ADDRESS: 1417 S CTH S

MUNICIPALITY: Cato

PARCEL ID #: 001-025-011-002-00

CLOSURE DATE: May 10, 2010

FID #: 436097310

DATCP #:

COMM #: 54220928217A

*WTM COORDINATES:

X: 694462 Y: 403270

** 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" form)*

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

Contamination in ROW

Off-Source Contamination

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

Land Use Controls:

N/A (Not Applicable)

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations
between non-industrial 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 unit or economic
development corporation was directed to
take a response action)*

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? (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.)
- Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- 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 11 x 17 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 #: 1 **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 #: 2 **Title: Site Map**
- 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 #: 3 **Title: Soil Contamination Map**

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ACTIVITY NAME: Hildebrandt Prop - Former Wallander Const

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 #: 9 **Title: Cross Section A - A'**

Figure #: 10 **Title: Cross Section B - B'**

- 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 #: 4 **Title: Groundwater Contamination Map**

- 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 #: 5 **Title: Groundwater Flow 11/30/07**

Figure #: 6 **Title: Groundwater Flow 5/19/08**

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

Tables must be no larger than 11 x 17 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 #: I **Title: Soil Boring Sampling Summary - Lab Results**

- 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 #: II **Title: Summary of Detected Groundwater Parameters**

- 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 #: III **Title: Groundwater Elevations (Monitoring Wells)**

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).

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NOTIFICATIONS

Source Property

Not Applicable

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.

Not Applicable

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: 0

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: 0



May 11, 2010

Earl O Hildebrandt
1417 County Rd S
Manitowoc, WI 54220-9282

RE: **Final Closure**

Commerce # 54220-9282-17-A DNR BRRTS # 03-36-001104
Hildebrandt Property (Former Wallander Construction), 1417 County Rd S, Manitowoc

Dear Mr. Hildebrandt:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This site is now listed as "closed" on the Commerce database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil and groundwater contamination. To review all sites on the GIS Registry web page, visit <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

Costs for sampling and excavation activities conducted after case closure are not eligible for PECFA reimbursement. However, if it is determined that any undisturbed remaining petroleum contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If this case is reopened, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility. It is in your best interest to keep all documentation related to environmental activities at your site.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0025.

Sincerely,

A handwritten signature in black ink that reads "Tom Verstegen". The signature is written in a cursive style with a large, sweeping initial "T".

Tom Verstegen
Hydrogeologist – Dept of Commerce
PECFA - Site Review Section

cc: Robert Herubin - NRP Environmental Consultants



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
375 City Center, Suite I
Oshkosh, Wisconsin 54901-1805
TTY: Contact Through Relay
Fax: (920) 424-0217
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

February 11, 2010

Mr. Earl Hildebrandt
1417 County Road S
Manitowoc, WI 54220-9282

RE: **Conditional Case Closure**

Commerce # 54220-9282-17-A DNR BRRTS # 03-36-001104
Hildebrandt Property (Former Wallander Construction), 1417 County Road S, Manitowoc

Dear Mr. Hildebrandt:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure, prepared by NRP Environmental Consultants Inc., for the site referenced above. It is understood that residual soil and groundwater contamination remain on site. Commerce has determined that this site does not pose a significant threat to human health and the environment. No further investigation or remedial action is necessary.

The following condition must be satisfied to obtain final closure:

- Documentation of the abandonment (DNR Abandonment Form 3300-5B) of all groundwater monitoring wells.

Information submitted with your closure request will be included on the Department of Natural Resources (DNR) GIS Registry of Closed Remediation Sites. If you intend to construct or reconstruct a potable well on this property, you must get prior Department of Natural Resources (DNR) approval.


All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. If soil is excavated, the property owner at the time of excavation must have the soil sampled and analyzed to determine if residual contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation must determine whether the material is a solid waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Costs for sampling and excavation activities conducted after the date of this letter are not eligible for PECFA reimbursement.

Depending on site-specific conditions, construction over contaminated materials may result in vapor migration into enclosed structures or along newly placed underground utility lines. The potential for vapor inhalation and mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

Timely filing of your final PECFA claim is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days from the date of this letter will not be eligible for PECFA reimbursement.

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 (920) 424-0046.

Sincerely,


Robert H. Klauk
Site Review Section

cc: Robert C. Herubin – NRP Environmental Consultants Inc.

DOCUMENT NO.

666291

STATE BAR OF WISCONSIN - FORM 8
WARRANTY DEED
THIS SPACE RESERVED FOR RECORDING DATA

By This Deed, Michael E. Wallander and Pauline Wallander, husband and wife.

Greater convey and warrants to Earl O. Hildebrandt and Beverly Hildebrandt, husband and wife, as survivorship marital property

for a valuable consideration \$1.00, Grantee \$

the following described real estate in Manitowoc County, State of Wisconsin:

RECEIVED OF 898 609
1990 MAR 23 PM 1:01
MANITOWOC COUNTY
REGISTER OF DEEDS
RETURN TO [Signature] 165-007-4-0000

TRANSFER FEE 16.50

Tax Key \$ This is homestead property.

Energy Exclusion Code W-1

Five (5) acres of land, commencing at the Wisconsin Central Railway Company (now Soo Line) right-of-way on the Section line running North and South being the Western line of Section Twenty-five (25), Township Nineteen (19) North, Range Twenty-two (22) East, thence running North 25 rods, thence East 32 rods, thence South 25 rods to the Soo Line right-of-way, thence West 32 rods to the starting point and being a part of the Southwest Quarter of the Southwest Quarter (SW $\frac{1}{4}$ SW $\frac{1}{4}$) of Section Twenty-five (25), Township Nineteen (19) North, Range Twenty-two (22) East.

Exception to warranties: Municipal and zoning ordinances, recorded easements, restrictions, and highway deeds, current taxes and assessments not yet due, if any.

Executed this 23 day of March 1990

SIGNED AND CALLED IN PRESENCE OF

[Signature] MICHAEL E. WALLANDER (SEAL)

[Signature] PAULINE WALLANDER (SEAL)

Signatures of

authenticated this day of 19

Title: Member State Bar of Wisconsin or Other Party Authorized under Sec. 706.06 vis.

STATE OF WISCONSIN Manitowoc County

Personally came before me, this 23 day of March 1990 the above named Michael E. Wallander and Pauline Wallander, husband and wife.

to me known to be the person... who executed the foregoing instrument and acknowledged the same.

THIS INSTRUMENT WAS DRAFTED BY Mark A. Miller MILLER & MILLER, S.C. SE. Nazianz, WI 54232

[Signature] Notary Public, Manitowoc County, Wis.

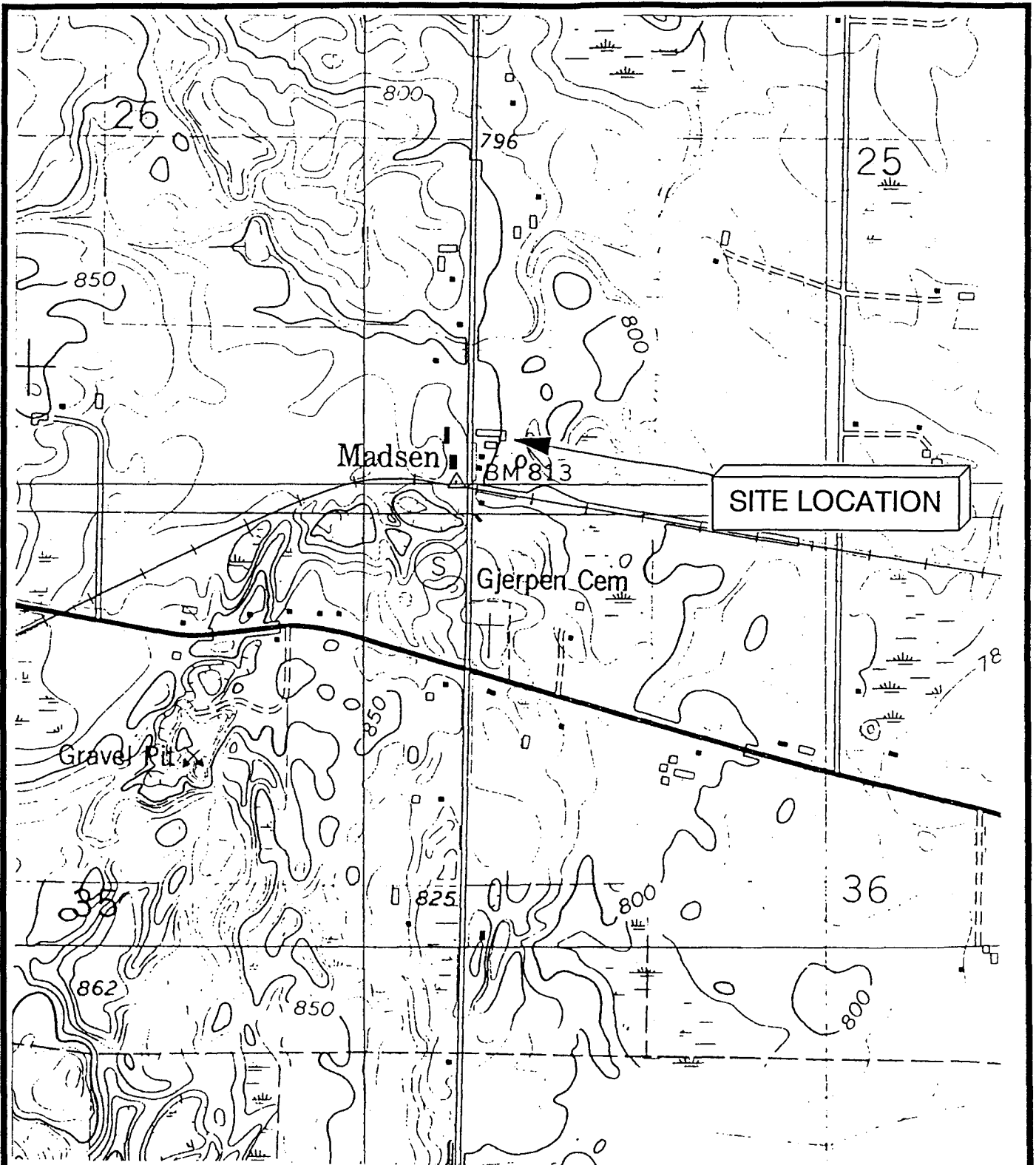
My commission (expires) 4/4 7-7-91

I believe the attached deed is the correct deed for this property.

December 28, 2009

Kevin Hildebrandt

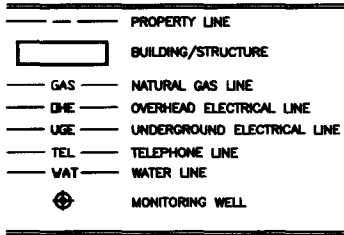
A handwritten signature in black ink, appearing to read "Kevin Hildebrandt", written in a cursive style with a large loop at the end.



NOTE: Taken from the
 Clark Mills, WI
 7.5 Minute USGS
 Topographic Map 1978

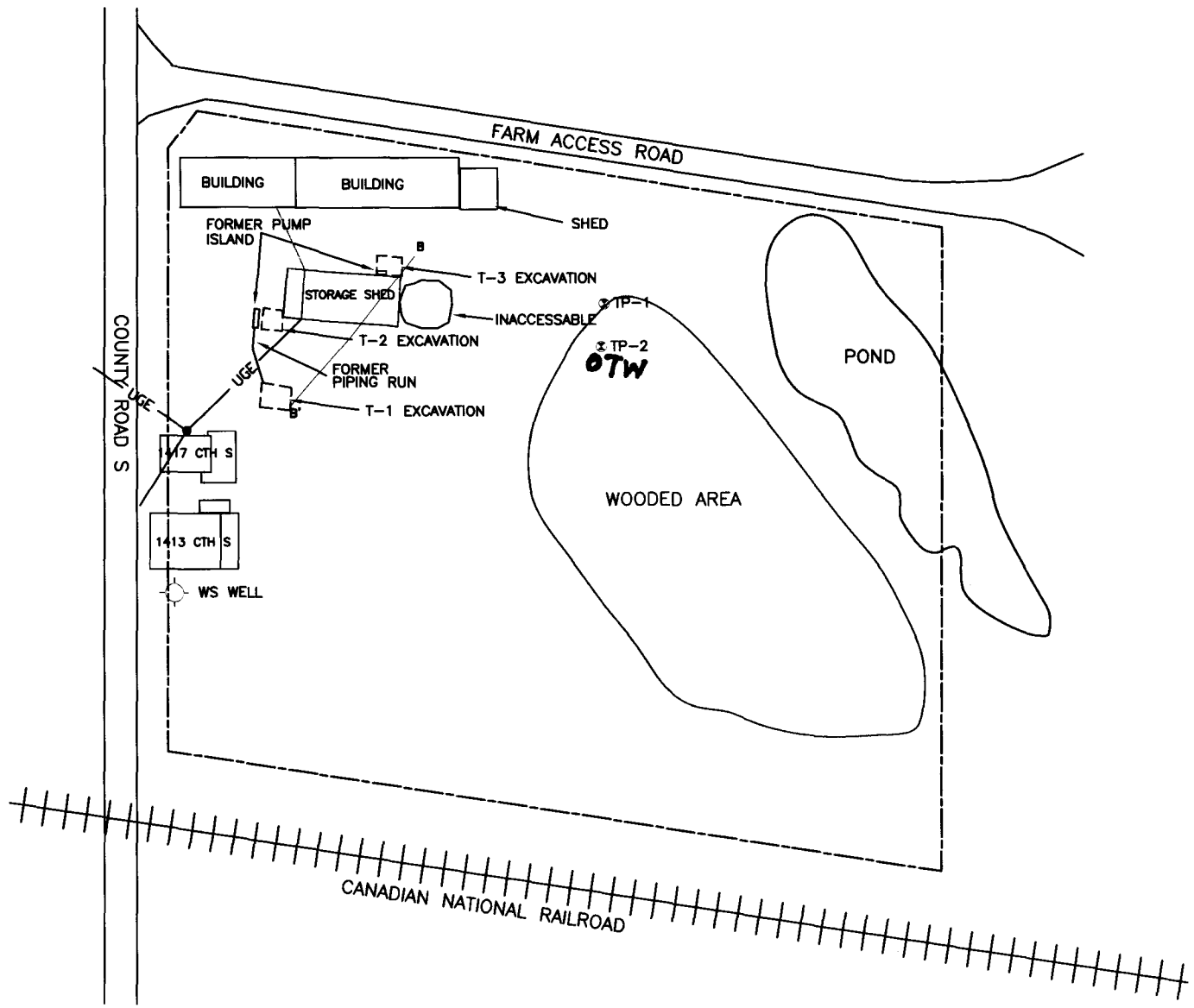
WALLANDER CONSTR CLOSURE ASSESSMENT - TOWN OF CATO, WISCONSIN	
FIGURE 1 SITE LOCATION MAP	
SCALE: 1" = 1000'	DATE: 2-18-92
Environmental Compliance Consultants, Inc.	BY: T. DEGENEFTE

LEGEND



NOTES:
 1) ALL OBJECTS & LOCATIONS DEPICTED ARE APPROXIMATE.

SCALE: 1" = 100'



<p>FILE REFERENCE: hildebrandt_plot1</p> <p>NRP</p> <p>PRINTED: June 2007</p>	<p>Site Map Hildebrandt Property (Former Wallander Property) Manitowoc, Wisconsin</p>	<p>NRP ENVIRONMENTAL CONSULTANTS</p> <p>2357 PAMPERIN ROAD GREEN BAY, WI 54313 PHONE: 920-662-9212</p>	<p>FIGURE</p> <p style="font-size: 2em;">2</p>
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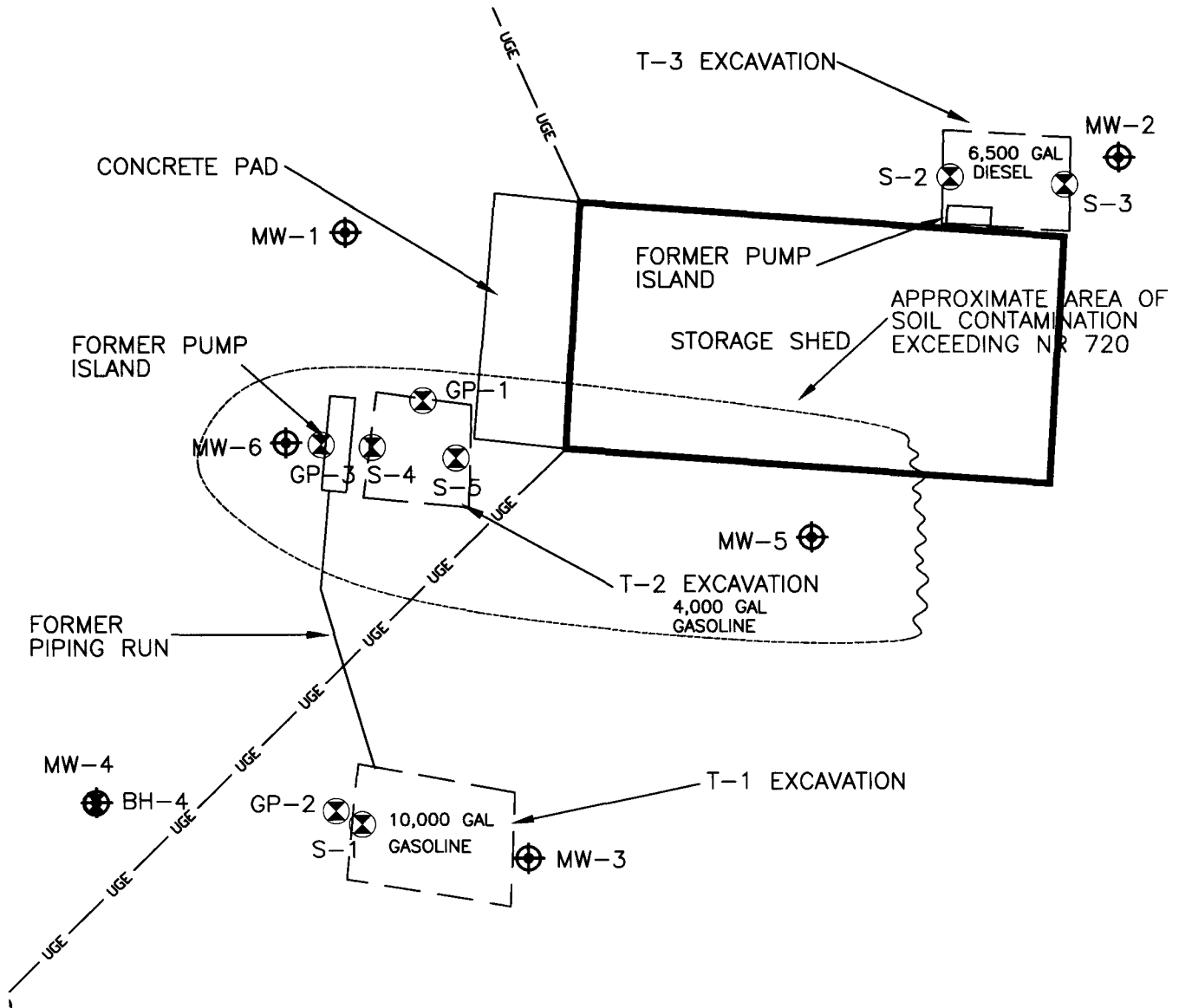
LEGEND

- PROPERTY LINE
- ▭ BUILDING/STRUCTURE
- GAS — NATURAL GAS LINE
- OHE — OVERHEAD ELECTRICAL LINE
- UGE — UNDERGROUND ELECTRICAL LINE
- TEL — TELEPHONE LINE
- VAT — WATER LINE
- ⊕ MONITORING WELL
- ⊗ GP-3 SOIL SAMPLE, NRP 2004 LIMITED PHASE II
- ⊗ S-4 SOIL SAMPLE, 1992 UST CLOSURE

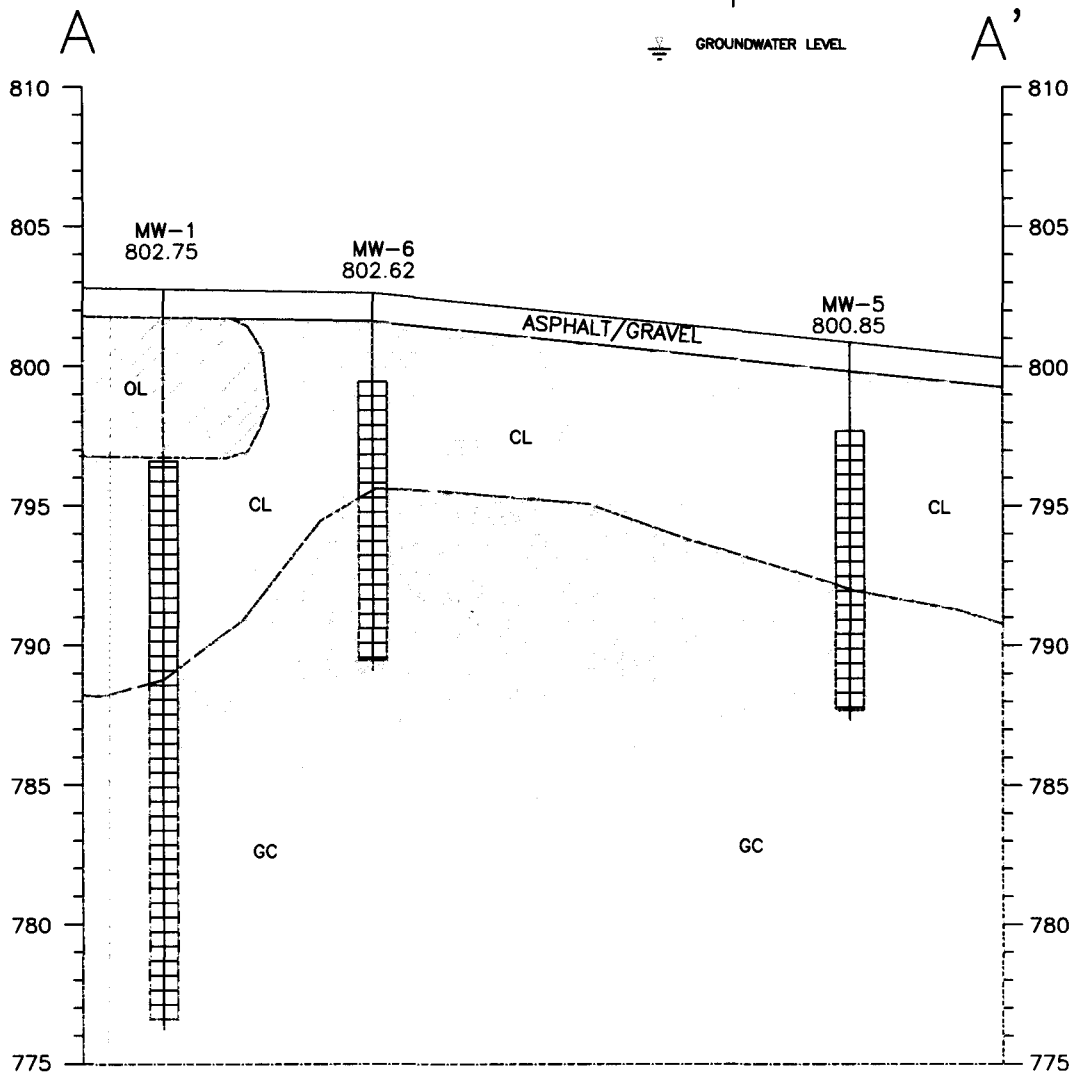
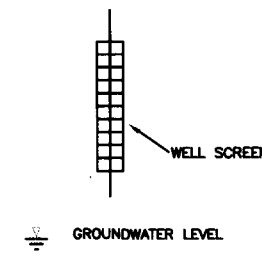
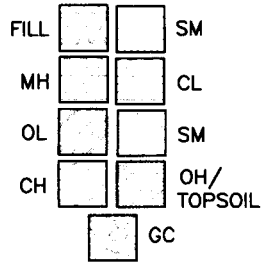
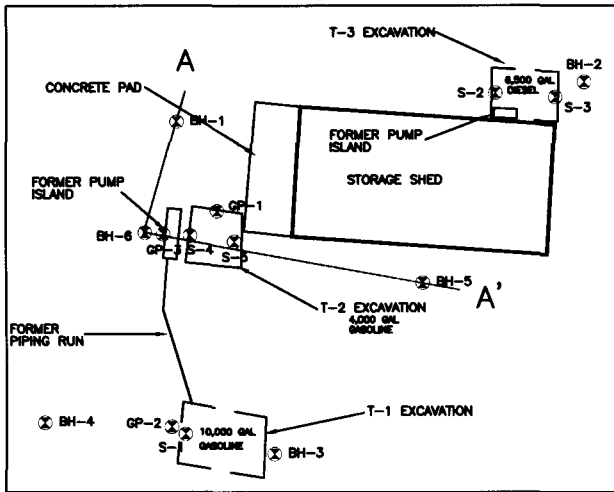


SCALE: 1" = 20'

NOTES:
1) ALL OBJECTS & LOCATIONS DEPICTED ARE APPROXIMATE.



<p>FILE REFERENCE hildebrandt_plot1</p> <p>NRP</p> <p>DATE June 2007</p>	<p>Soil Contamination Map Hildebrandt Property (Former Wallander Property) Manitowoc, Wisconsin</p>	<p>NRP ENVIRONMENTAL CONSULTANTS</p> <p>2357 PAMPERIN ROAD GREEN BAY, WI 54313 PHONE: 920-662-9212</p>	<p>FIGURE 3</p>
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FILE REFERENCE
hildebrandt_plot1

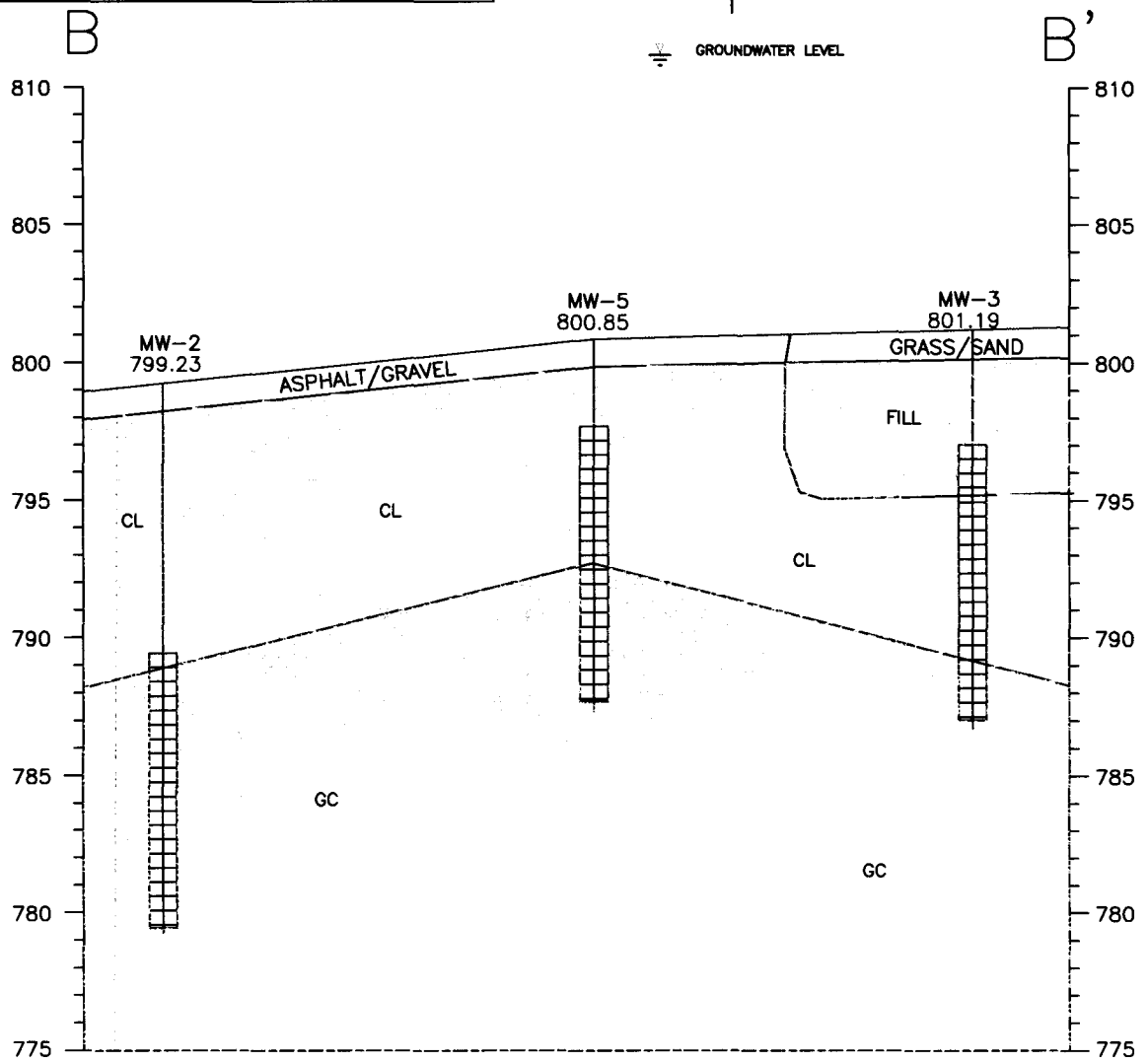
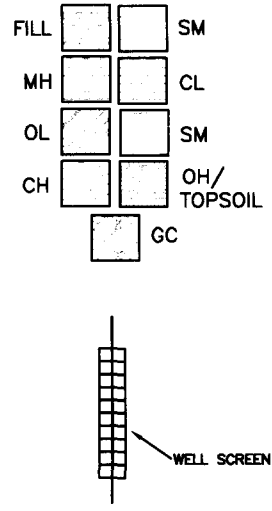
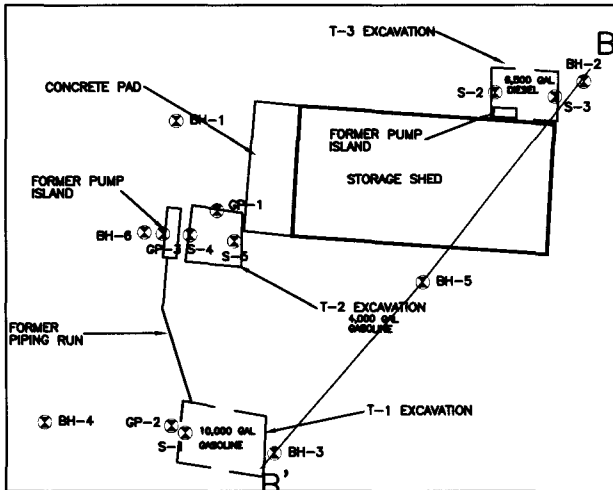
NRP

PRINTED
June 2007

Cross Section A-A'
Hildebrandt Property
(Former Wallander Property)
Manitowoc, Wisconsin

NRP ENVIRONMENTAL CONSULTANTS
2357 PAMPERIN ROAD
GREEN BAY, WI 54313
PHONE: 920-662-9212

FIGURE
9

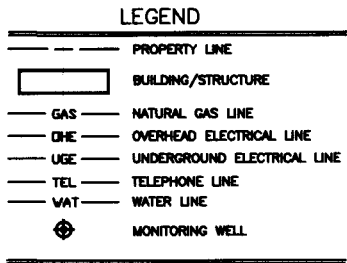


FILE REFERRED
hildebrandt_plot1
NRP
June 2007

Cross Section B-B'
Hildebrandt Property
(Former Wallander Property)
Manitowoc, Wisconsin

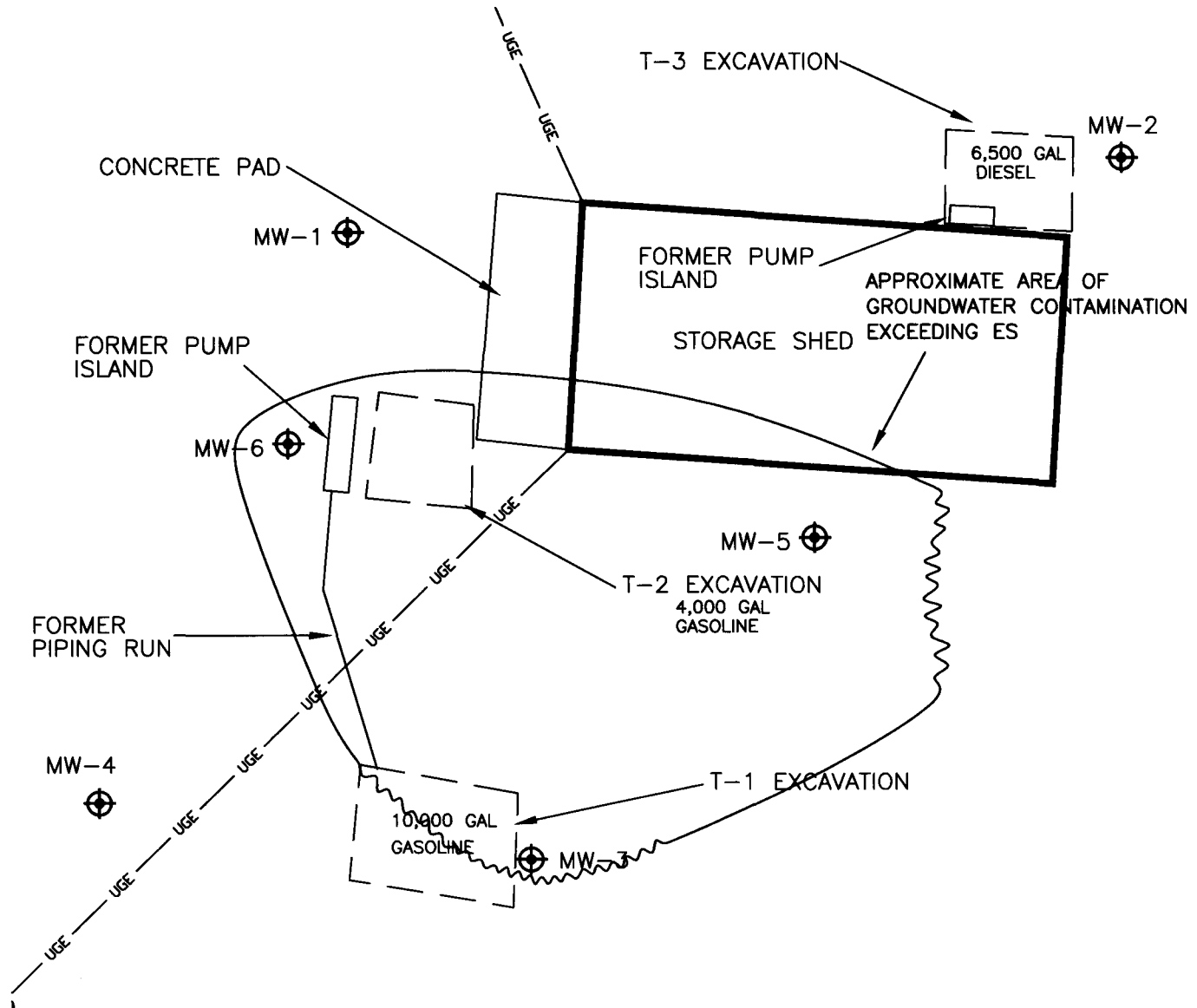
NRP ENVIRONMENTAL CONSULTANTS
2357 PAMPERIN ROAD
GREEN BAY, WI 54313
PHONE: 920-662-9212

FIGURE
10



SCALE: 1" = 20'

NOTES:
1) ALL OBJECTS & LOCATIONS DEPICTED ARE APPROXIMATE.



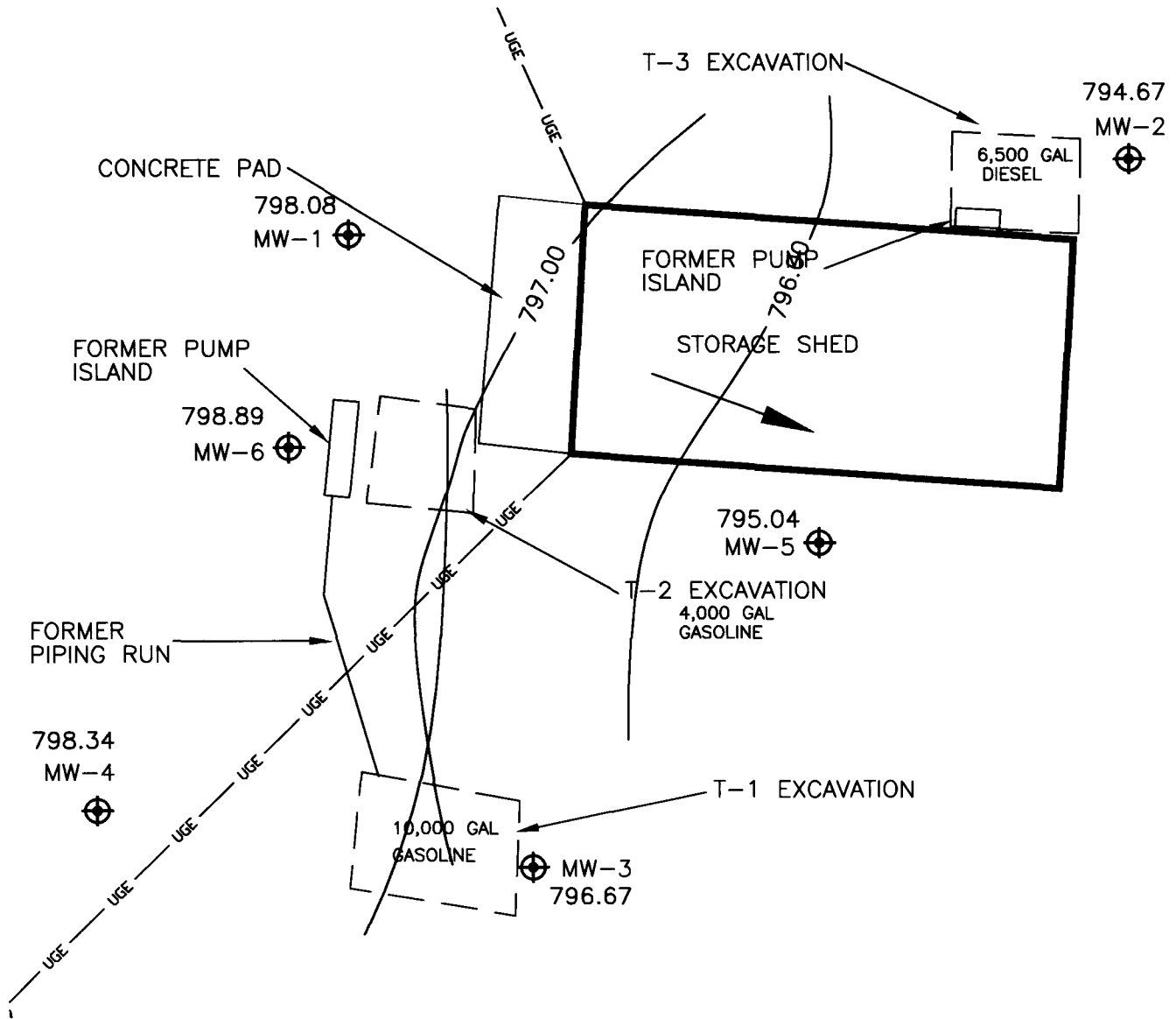
<p>FILE REFERENCE: hildebrandt_plot1</p> <p>NRP</p> <p>DATE: June 2007</p>	<p align="center">Groundwater Contamination Map Hildebrandt Property (Former Wallander Property) Manitowoc, Wisconsin</p>	<p align="center">NRP ENVIRONMENTAL CONSULTANTS</p> <p align="center">2357 PAMPERIN ROAD GREEN BAY, WI 54313 PHONE: 920-662-9212</p>	<p align="center">FIGURE 4</p>
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LEGEND	
	PROPERTY LINE
	BUILDING/STRUCTURE
	NATURAL GAS LINE
	OVERHEAD ELECTRICAL LINE
	UNDERGROUND ELECTRICAL LINE
	TELEPHONE LINE
	WATER LINE
	MONITORING WELL

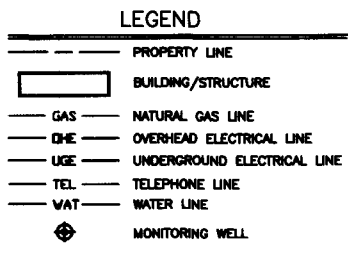


SCALE: 1" = 20'

NOTES:
1) ALL OBJECTS & LOCATIONS DEPICTED ARE APPROXIMATE.

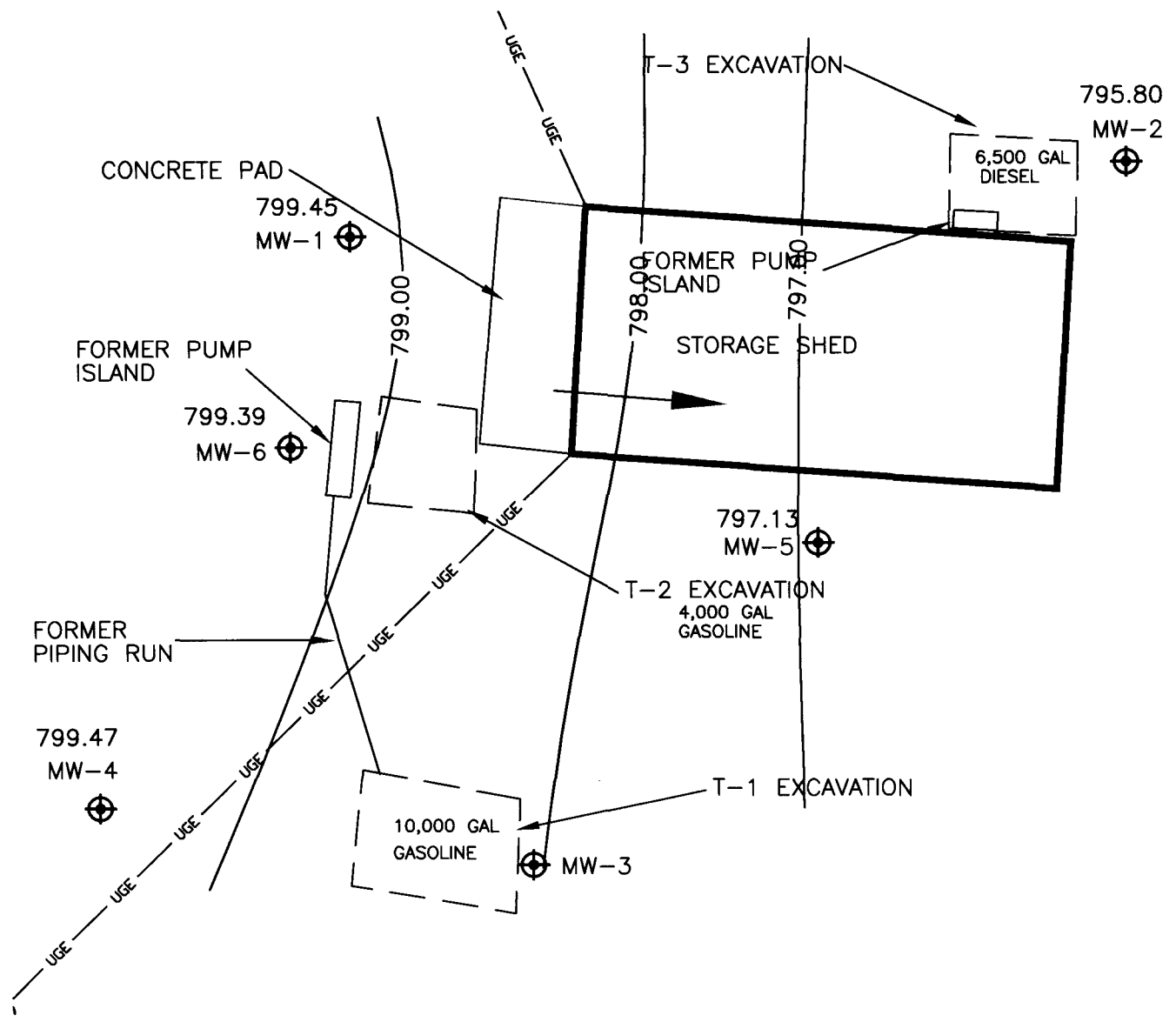


<p>FILE REFERENCE hildebrandt_plot1</p> <p>NRP</p> <p>PRINTED June 2007</p>	<p>Groundwater Flow: 11/30/2007 Hildebrandt Property (Former Wallander Property) Manitowoc, Wisconsin</p>	<p>NRP ENVIRONMENTAL CONSULTANTS</p> <p>2357 PAMPERIN ROAD GREEN BAY, WI 54313 PHONE: 920-662-9212</p>	<p>FIGURE 5</p>
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SCALE: 1" = 20'

NOTES:
1) ALL OBJECTS & LOCATIONS DEPICTED ARE APPROXIMATE.



<p>FILE REFERENCE: hildebrandt_plott1</p> <p>NRP</p> <p>PRINTED: June 2007</p>	<p>Groundwater Flow: 05/19/2008 Hildebrandt Property (Former Wallander Property) Manitowoc, Wisconsin</p>	<p>NRP ENVIRONMENTAL CONSULTANTS</p> <p>2357 PAMPERIN ROAD GREEN BAY, WI 54313 PHONE: 920-662-9212</p>	<p>FIGURE 6</p>
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TABLE I
SOIL BORING SAMPLING SUMMARY - LABORATORY RESULTS

Boring ID	Sample ID	Sample Depth Below Surface (ft)	DRO	GRO	Pb	BENZ	TOLU	E. BENZ	XYLE	MTBE
July 18, 2007										
MW-1	1-22	22	<3.3	<2.7	NA	<25	<25	<25	<50	<25
MW-2	2-16-17	16-17	<3.5	<2.8	NA NA	<25	<25	<25	<50	<25
MW-3	3-7.5-9.5	7.5-9.5	<3.7	9.1	NA	<25	<25	260	910	<25
MW-3	3-12.5-14.5	12.5-14.5	4.3	<3.0	NA	<25	<25	31	100	<25
November 20, 2007										
MW-4	4-6-7	6-7	NA	<2.9	4.1	<25	<25	<25	<50	<25
MW-5	5-2.5-4.5	2.5-4.5	NA	NA	43	2,100	3,300	42,000	177,000	<1,000
MW-5	5-5-7	5-7	NA	4,400	20	5,100	48,000	120,000	550,000	4,500
MW-6	6-2.5-4.5	2.5-4.5	NA	6,400	8	13,000	320,00	180,000	1,000,000	<3100
July 30, 2008										
TP1	TP1-6'	6	35.2	<3.0	116	<25	<25	<25	<50	<25
TP2	2-2'	2	NA	<3.1	5.7 NA	<25	<25	<25	<50	<25
TP2	2-6'	6	NA7	<3.11	5.7	<25	<25	<25	<50	<25

NOTES:

GRO = WDNR modified gasoline range organics - in parts per million (ppm)

DRO = WDNR modified diesel range organics - in parts per million (ppm)

ND = Not detected above the MDL

NA = Not Analyzed

PVOC compounds are in parts per billion (ppb)

TABLE I

SUMMARY OF SOIL SAMPLE ANALYSIS RESULTS FROM SOIL PROBE BORINGS

Boring ID	Sample ID	Sample Depth Below Surface (ft)	GRO	MTBE	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES
August 11, 2004								
SP-1	S-1-4	6.0-8.0	2800	<1000	6000	37000	58000	420000
SP-1	S-1-6	10.0-12.0	24	<25	<25	<25	450	2305
SP-2	S-2-4	6.0-8.0	<2.8	<25	<25	<25	<25	<50
SP-3	S-3-4	6.0-8.0	1600	<620	2500	45000	53000	226000

NOTES

GRO = WDNR modified gasoline range organics - in parts per million (ppm)
 ND = Not detected above method detection limit
 PPM results in parts per billion (ppb)

TABLE
Laboratory Data

<u>Sample ID</u>	<u>Location</u>	<u>GRO/DRO^a Conc.</u>
S-1	West end of T-1 at a depth of 8 ft.	34.0 mg/kg 620
S-2	West end of T-3 at a depth of 11 ft.	Not Detected D20
S-3	East end of T-3 at a depth of 11 ft.	Not Detected D20
S-4	West end of T-2 at a depth of 11 ft.	8.9 mg/kg 620
S-5	East end of T-2 at a depth of 12 ft.	10.0 mg/kg 620

^a Gasoline range organics (GRO) and diesel range organics (DRO), analyzed by The Oneida Environmental Technology Center (ORTEK). Appendix D contains the lab sheets.

TABLE II
SUMMARY OF DETECTED GROUNDWATER PARAMETERS - LABORATORY RESULTS

MW-2 Parameter (ppb)	8/07/07	11/30/07	5/19/08	8/19/08	11/13/08	WDNR PAL	WDNR ES
BENZENE	< .41	< .14	< .14	< .14	< .23	.5	5
E-BENZENE	< .54	< .40	< .40	< .40	< .40	140	700
TOLUENE	< .67	< .36	< .36	< .36	< .36	200	1,000
m,p- XYLENE	< .83	< .74	< .74	< .74	< .74	1,000	10,000
o-XYLENE	< 1.8	< .36	< .36	< .36	< .36		
NAPHTHA.	< .74	< .47	NA	< .47	< .47	10	100
1,3,5-TMB	< .83	< .40	< .40	< .40	< .40	96	480
1,2,4-TMB	< .97	< .39	< .39	< .39	< .39		
MTBE	< .61	< .36	< .36	< .36	< .36	12	60

NOTES:

VOC compounds are in parts per billion (ppb)

WDNR PAL = WDNR NR 140 Preventive Action Limit

WDNR ES = WDNR NR 140 Enforcement Standard

* lead samples are unfiltered

ND = Not detected above the MDL

NA = Not Analyzed

TABLE II
SUMMARY OF DETECTED GROUNDWATER PARAMETERS - LABORATORY
RESULTS

MW-1 Parameter (ppb)	8/07/07	11/30/07	5/19/08	8/19/08	11/13/08	WDNR PAL	WDNR ES
BENZENE	< .41	< .14	< .14	.15J	< .23	.5	5
E-BENZENE	< .54	< .40	< .40	< .40	< .40	140	700
TOLUENE	< .67	< .36	< .36	< .36	< .36	200	1,000
m,p- XYLENE	< .83	< .74	< .74	< .74	< .74	1,000	10,000
o-XYLENE	< 1.8	< .36	< .36	< .36	< .36		
NAPHTHA.	< .74	< .47	NA	< .47	< .47	10	100
1,3,5-TMB	< .83	< .40	< .40	< .40	< .40	96	480
1,2,4-TMB	< .97	< .39	< .39	< .39	< .39		
MTBE	< .61	< .36	< .36	< .36	< .36	12	60

NOTES:

VOC compounds are in parts per billion (ppb)

WDNR PAL = WDNR NR 140 Preventive Action Limit

WDNR ES = WDNR NR 140 Enforcement Standard

* lead samples are unfiltered

ND = Not detected above the MDL

NA = Not Analyzed

TABLE II
SUMMARY OF DETECTED GROUNDWATER PARAMETERS - LABORATORY RESULTS

MW-3 Parameter (ppb)	8/07/07	11/30/07	5/19/08	8/19/08	11/13/08	WDNR PAL	WDNR ES
BENZENE	<2.0	1.1	NS	1.5	1.3	.5	5
E-BENZENE	310	32	NS	4.3	8.4	140	700
TOLUENE	<3.4	.57Q	NS	<.36	<.36	200	1,000
m,p- XYLENE	930	44	NS	1.4J	3.9	1,000	10,000
o-XYLENE	21	3.0	NS	<.36	<.36		
NAPHTHA.	130	15	NS	1.6	2.5	10	100
1,3,5-TMB	130	12	NS	<.40	<.40	96	480
1,2,4-TMB	500	49	NS	.54J	3.8		
MTBE	<3.0	1.4	NS	<.36	<.36	12	60

NOTES:

VOC compounds are in parts per billion (ppb)

WDNR PAL = WDNR NR 140 Preventive Action Limit

WDNR ES = WDNR NR 140 Enforcement Standard

* lead samples are unfiltered

ND = Not detected above the MDL

NA = Not Analyzed

TABLE II
SUMMARY OF DETECTED GROUNDWATER PARAMETERS - LABORATORY RESULTS

MW-4 Parameter (ppb)	11/30/07	5/19/08	8/19/08	11/13/08	WDNR PAL	WDNR ES
BENZENE	< .41	< .14	< .14	< .23	.5	5
E-BENZENE	< .54	< .40	< .40	< .40	140	700
TOLUENE	< .67	< .36	< .36	< .36	200	1,000
m,p- XYLENE	< .83	< .74	< .74	< .74	1,000	10,000
o-XYLENE	< 1.8	< .36	< .36	< .36		
NAPHTHA.	< .74	NA	< .47	< .47	10	100
1,3,5-TMB	< .83	< .40	< .40	< .40	96	480
1,2,4-TMB	< .97	< .39	< .39	< .39		
MTBE	< .61	.63J	< .36	.85J	12	60

NOTES:

VOC compounds are in parts per billion (ppb)

WDNR PAL = WDNR NR 140 Preventive Action Limit

WDNR ES = WDNR NR 140 Enforcement Standard

* lead samples are unfiltered

ND = Not detected above the MDL

NA = Not Analyzed

TABLE II
SUMMARY OF DETECTED GROUNDWATER PARAMETERS - LABORATORY RESULTS

MW-5 Parameter (ppb)	11/30/07	5/19/08	8/19/08	11/13/08	WDNR PAL	WDNR ES
BENZENE	700	913	771	575	.5	5
E-BENZENE	2,600	1,880	927	854	140	700
TOLUENE	1,600	1,560	555	420	200	1,000
m,p- XYLENE	8,700	5,890	1,970	2,020	1,000	10,000
o-XYLENE	3,600	2,330	576	537		
NAPHTHA.	530	NA	218	229	10	100
1,3,5-TMB	600	363	197	224	96	480
1,2,4-TMB	2,100	1,410	612	675		
MTBE	<30	<3.6	<3.6	5.2	12	60

NOTES:

VOC compounds are in parts per billion (ppb)

WDNR PAL = WDNR NR 140 Preventive Action Limit

WDNR ES = WDNR NR 140 Enforcement Standard

* lead samples are unfiltered

ND = Not detected above the MDL

NA = Not Analyzed

TABLE II
SUMMARY OF DETECTED GROUNDWATER PARAMETERS - LABORATORY RESULTS

MW-6 Parameter (ppb)	11/30/07	5/19/08	8/19/08	11/13/08	WDNR PAL	WDNR ES
BENZENE	200	408	608	218	.5	5
E-BENZENE	280	439	615	289	140	700
TOLUENE	1,300	1,560	91.2	7.8	200	1,000
m,p- XYLENE	800	5,890	870	209	1,000	10,000
o-XYLENE	550	2,330	172	30.8		
NAPHTHA.	51	NA	224	104	10	100
1,3,5-TMB	81	363	158	55.6	96	480
1,2,4-TMB	2,100	1,410	281	113		
MTBE	180	<3.6	<1.8	.98J	12	60

NOTES:

VOC compounds are in parts per billion (ppb)

WDNR PAL = WDNR NR 140 Preventive Action Limit

WDNR ES = WDNR NR 140 Enforcement Standard

* lead samples are unfiltered

ND = Not detected above the MDL

NA = Not Analyzed

TABLE II
SUMMARY OF DETECTED GROUNDWATER PARAMETERS - LABORATORY RESULTS

Parameter (ppb)	Water Supply 11/30/07	11/13/2008		11/13/2009	WDNR PAL	WDNR ES
		WS	TA	Temporary Well (TW)		
BENZENE	ND	< .23	< .23	< .23	.5	5
E-BENZENE	ND	< .40	< .40	< .40	140	700
TOLUENE	ND	< .36	< .36	< .36	200	1,000
m,p-XYLENE	ND	< .74	< .74	< .74	1,000	10,000
o-XYLENE	ND	< .36	< .36	< .36		
NAPHTHA.	ND	< .47	< .47	< .47	10	100
1,3,5-TMB	ND	< .40	< .40	< .40	96	480
1,2,4-TMB	ND	< .39	< .39	< .39		
MTBE	ND	< .36	< .36	< .36	12	60

NOTES:

VOC compounds are in parts per billion (ppb)

WDNR PAL = WDNR NR 140 Preventive Action Limit

WDNR ES = WDNR NR 140 Enforcement Standard

* lead samples are unfiltered

ND = Not detected above the MDL

NA = Not Analyzed

D - Analyte value from diluted analysis or surrogate result not applicable due to sample dilution

WS = On-site water supply well

TA = Temp well # 1

TABLE III
GROUNDWATER ELEVATIONS (Monitoring Wells)

WELL ID	PVC Elevation	Depth to Groundwater	Groundwater Elevation
November 30, 2007			
MW-1	802.21	4.13	798.08
MW-2	798.59	3.92	794.67
MW-3	804.13	7.46	796.67
MW-4	804.01	5.67	798.34
MW-5	800.85	4.73	796.12
MW-6	802.62	5.81	796.81
May 19, 2008			
MW-1	802.21	2.76	799.45
MW-2	798.59	2.79	795.80
MW-3	804.13	NA	
MW-4	804.01	4.54	788.47
MW-5	800.85	3.72	797.13
MW-6	802.62	2.23	800.39
August 19, 2008			
MW-1	802.21	4.17	798.04
MW-2	798.59	4.16	794.43
MW-3	804.13	7.19	796.94
MW-4	804.01	5.43	798.58
MW-5	800.85	4.62	796.23
MW-6	802.62	4.58	798.04
November 13, 2008			
MW-1	802.21	4.77	797.44
MW-2	798.59	4.51	794.08
MW-3	804.13	7.36	796.77
MW-4	804.01	5.64	798.37
MW-5	800.85	5.03	795.82
MW-6	802.62	5.09	797.53

Groundwater elevations are USGS datum