

GIS REGISTRY

Cover Sheet

August 2011
(RR-5367)

Source Property Information

BRRTS #: 03-61-555888

ACTIVITY NAME: OLSON PROPERTY

PROPERTY ADDRESS: W4519 FREY LN

MUNICIPALITY: MEDFORD

PARCEL ID #: 004001120002

CLOSURE DATE: Jul 18, 2012

FID #: NA

DATCP #: NA

PECFA#: 54451964719

*WTM COORDINATES:

X: 498212 Y: 525172

** 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.].

BRRS #:	03-61-555888	PARCEL ID #:	004001120002		
ACTIVITY NAME:	OLSON PROPERTY	WTM COORDINATES: X:	498212	Y:	525172

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 Vicinity 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 #: 2a & 2b **Title: Site Map with Property boundaries & 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 #: 7 **Title: Extent of soil contamination > NR720 RCL**

BRRTS #: 03-61-555888

ACTIVITY NAME: Olson Property

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 #: 8 Title: Cross Sectional View A-A'

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 #: 6 Title: Estimated Extent of Groundwater Contamination (10/4/11)

- 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 #: 3 Title: Groundwater Contour Map (7/6/11)

Figure #: 4, 5 Title: Groundwater Contour Map (10/4/11) & (5/1/12)

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 #: 1 Title: Summary of Soil Analytical 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 #: 2, 4, 5a-5e Title: Summary of Groundwater Analytical 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 #: 3 Title: Groundwater Elevation Data

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 #: 03-61-555888

ACTIVITY NAME: Olson Property

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:

- 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 Safety and Professional Services

2715 Post Road
Stevens Point, Wisconsin 54481-

Email: dspd@wisconsin.gov

Web: <http://dspd.wi.gov>

Governor Scott Walker

Secretary Dave Ross

July 18, 2012

Dan L Olson
575 W Broadway Ave
Medford, WI 54451

RE: **Final Closure**

PECFA # 54451-9647-19-A DNR BRRTS # 03-61-555888
Olson Property, W4519 Frey Ln, Medford

Dear Mr. Olson:

The Wisconsin Department of Safety and Professional Services (DPS) has reviewed the request for case closure prepared by your consultant, REI Engineering Inc, for the site referenced above. DPS has determined that this site does not pose a significant threat to human health or the environment. No further investigation or remedial action is necessary.

This case is now listed as "closed" on the DPS database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. To review sites on the GIS Registry web page, visit <http://dnr.wi.gov/topic/Brownfields/rrsm.html>. If you intend to construct or reconstruct a potable well on this property, you must get prior 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. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. 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 would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.

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.

Timely filing of your final PECFA claim (if applicable) is encouraged. If your PECFA claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of 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 (715) 342-3802.

Sincerely,

A handwritten signature in black ink that reads "Dee Lance". The signature is written in a cursive style with a large, prominent "D" and "L".

Dee Lance
Hydrogeologist
Site Review Section

cc: Ken Lassa, REI Engineering Inc

WARRANTY DEED

DOC# 317380

Recorded
AUG. 03, 2006 AT 11:34AM

This deed, made between Property Preservation Inc, a Wisconsin Corporation, Grantor, and

Signed: *Marvel A. Lemke*

Dan L. Olson, as individual property, Grantee,

TAYLOR COUNTY WISCONSIN

Witnesseth, That the said Grantor, for a valuable consideration conveys to Grantee the following described real estate in Taylor County, State of Wisconsin:

MARVEL A LEMKE
REGISTER OF DEEDS

Fee Amount: \$11.00
Transfer Fee: \$165.30

The North Half of the Northwest Quarter of the Southeast Quarter (N¹/₂ NW SE), Section Six (6), Township Thirty-one (31) North, Range Two (2) East, Taylor County, Wisconsin

DAN OLSON
575 W. BROADWAY
MEDFORD, WI 54451
~~\$11.00~~ (\$165.30)

This is not homestead property

Together with all and singular the hereditaments and appurtenances thereunto belonging; And the said grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except exceptions, reservations, easements and restrictions of record, and will warrant and defend the same.

Dated this 31st day of July, 2006

Property Preservation Inc.

Michael S. Brandner
by, Michael S. Brandner, President

State of Wisconsin)
Taylor County) S.S.

Personally came before me this 31st day of July, 2006, the above named Michael S. Brandner, to me known to be the person(s) who executed the foregoing instrument and hereby acknowledge the same.



Leigh J. Henline
Leigh J. Henline
Notary Public, State of Wisconsin
My Commission Expires: 06/13/2010

This instrument drafted by:
Michael S. Brandner
Gowey Abstract & Title Company, Inc.

2011 Property Record | Taylor, WI

Assessed values not finalized until after Board of Review
 Years in red have delinquent taxes

Tax information is valid as of 5/7/12

Owner	
Dan L Olson 575 W Broadway Ave Medford Wi 54451	

Co-Owner(s)
No co-owners listed

Property Information							
Parcel ID:	004-00112-0002						
Map ID:	004.06.31.2E-14.2						
School Districts:	Vtae - Wausau Medford School District						
<u>Section</u> <u>Township</u> <u>Range</u> <u>Qtr</u> <u>Qtr</u> <u>Section</u> <u>Qtr</u> <u>Section</u>							
06	31N	2E					
Lot:							
Block:							
Plat Name:	Metes And Bounds						

Property Description (Not valid for conveyance purposes)	
06.31.2e-14.2 N 1/2 Nw 1/4 Se 1/4	
Property Address:	W4519 Frey Ln
Municipality:	Town Of Browning

Deed Information		
<u>Volume</u>	<u>Page</u>	<u>Document #</u>
		317380
		316622
214	76	
182	361	

Tax Information			
Net Tax Before Lottery, First Dollar Credits		2356.51	
Lottery Credit		.00	
First Dollar Credit		55.25	
Net Tax After		2301.26	
	<u>Amt. Due</u>	<u>Amt. Paid</u>	<u>Balance</u>
Tax	2301.26	2301.26	.00
Special Assessment	.00	.00	.00
Special Charges	.00	.00	.00
Delinquent Charges	.00	.00	.00
Woodland Tax	.00	.00	.00
Private Forest Crop	.00	.00	.00
Managed Forest Land	.00	.00	.00
Property Tax Interest		.00	.00
Special Tax Interest		.00	.00
Property Tax Penalty		.00	.00
Special Tax Penalty		.00	.00
Other Charges	.00	.00	.00
Total	2301.26	2301.26	.00
Over-Payment		.00	

Land Valuation				
<u>Assessment Code</u>	<u>Acres</u>	<u>Land Value</u>	<u>Impr.</u>	<u>Total</u>
G1	2.000	5500.00	106100.00	111600.00
G5	18.000	3600.00		3600.00
	20.000	\$9100.00	\$106100.00	\$115200.00
Total Acres:				20.000
Assessment Ratio:				0.9014
Mill Rate:				0.020455807
Fair Market Value				\$127800.00

Installments					
<u>Period</u>	<u>End Date</u>	<u>Amount</u>	<u>Period</u>	<u>End Date</u>	<u>Amount</u>
1.	01/31/2012	1150.63	2.	07/31/2012	1150.63

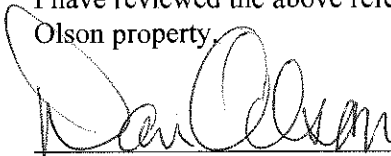
Payment History (Posted Payments)									
<u>Date</u>	<u>Receipt #</u>	<u>Source</u>	<u>Type</u>	<u>Amount</u>	<u>Gen. Tax Balance</u>	<u>Spec. Assessment Balance</u>	<u>Intrest</u>	<u>Penalty</u>	<u>Total</u>
12/31/2011	180	M	T	2301.26	N		N	.00	.00 2301.26

May 16, 2012

Olson Property
WDNR BRRTS # 03-61-555888
W4519 Frey Lane
Medford, WI 54451

The North Half of the Northwest Quarter of the Southeast Quarter (N½ NW SE), Section Six (6),
Township Thirty-one (31) North, Range Two (2) East, Taylor County, Wisconsin.

I have reviewed the above referenced legal description, and hereby certify that it is correct for the
Olson property



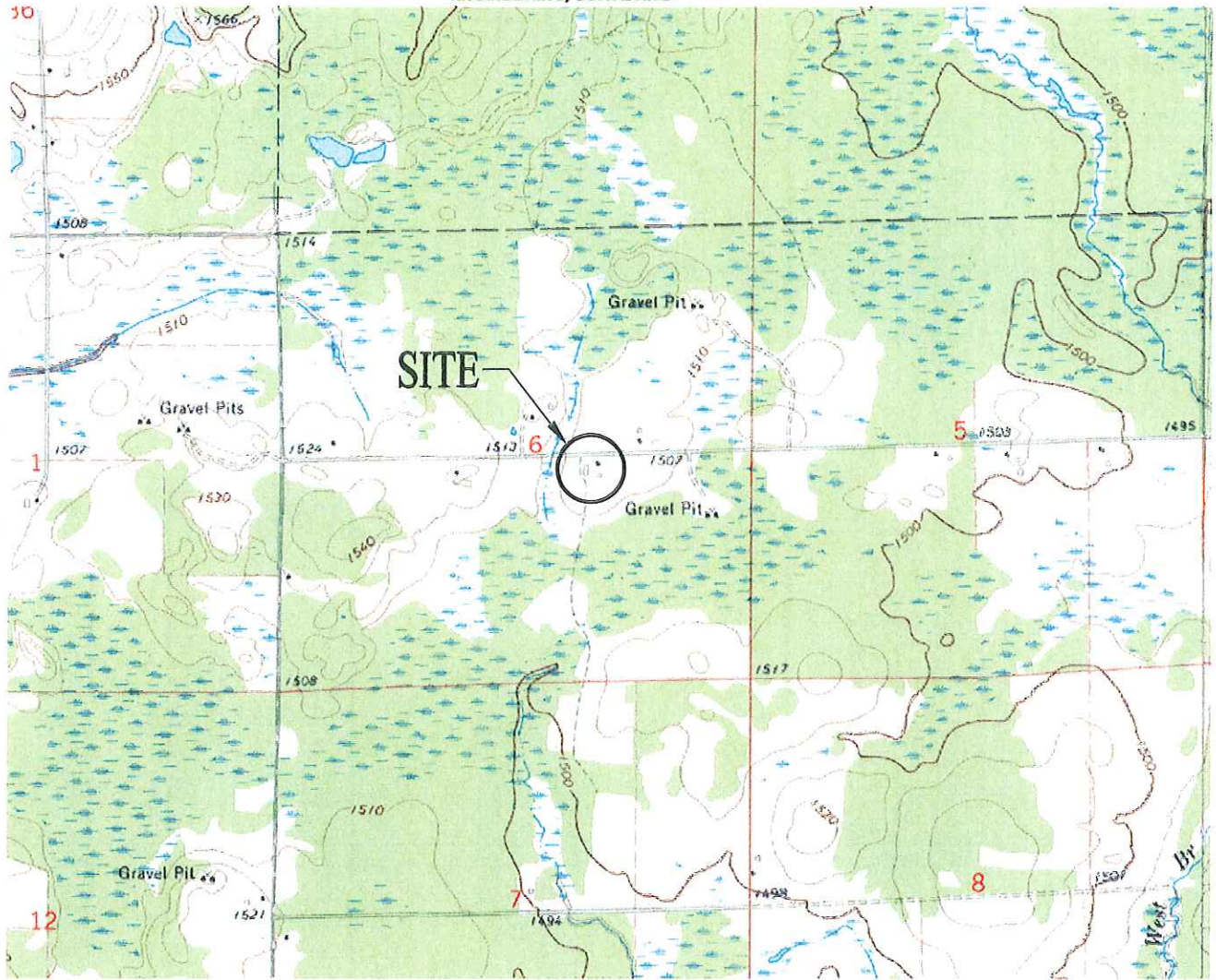
Dan Olson

5-24-12

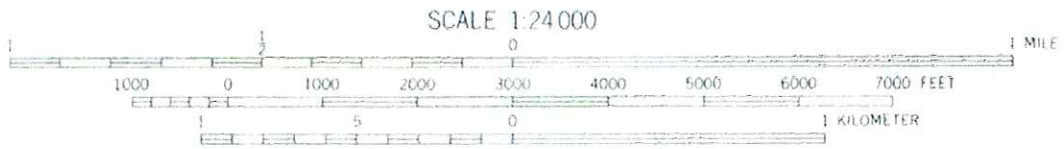
Date

RECEIVED

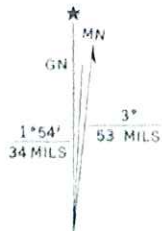
MAY 30 2012



DRAWING FILE: J:\DRAFTING\5431-OLSON\DWG\5431-VICN.DWG LAYOUT: ENV_VERT-8.5X11 PLOTTED: MAY 29, 2012 - 6:17PM PLOTTED BY: NATHANP



CONTOUR INTERVAL 10 FEET
 DATUM IS MEAN SEA LEVEL



UTM GRID AND 1969 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET

MEDFORD, WIS.
 NE/4 MEDFORD 15' QUADRANGLE
 N4507.5—W9015/7.5
 1969
 AMS 2974 III NE—SERIES V861



REI Engineering, INC.

OLSON PROPERTY
 W4519 FREY LANE
 MEDFORD, WISCONSIN 54451

FIGURE 1 : SITE VICINITY MAP

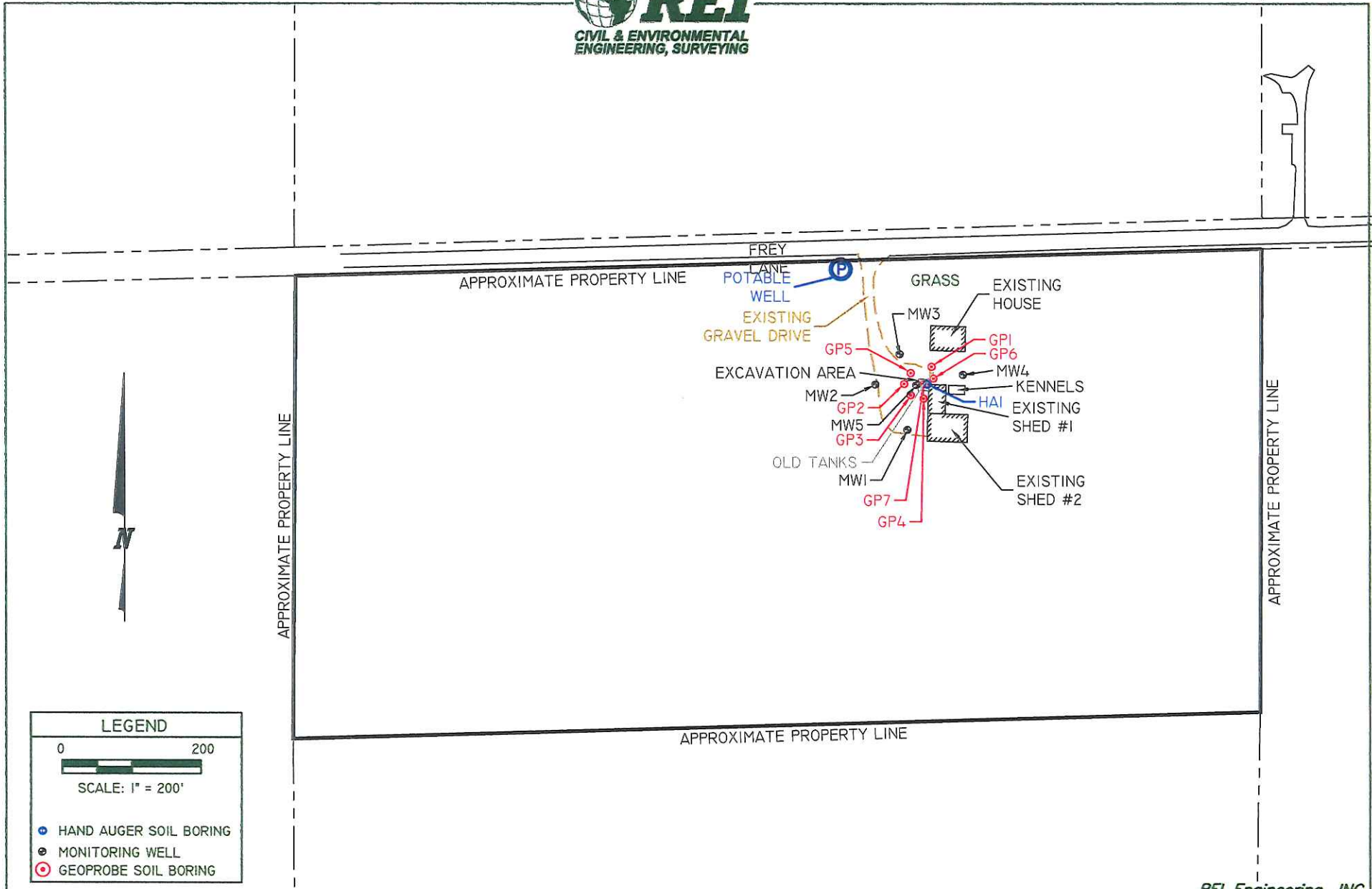
PROJECT NO.	5431	DRAWN BY:	NAP	DATE:	05/19/11
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Taylor County WI GIS Map



Disclaimer: This map is not guaranteed to be accurate, correct, current, or complete and conclusions drawn are the responsibility of the user.

0 5ft 0 0.01mi



REI Engineering, INC.

OLSON PROPERTY
 W4519 FREY LANE
 MEDFORD, WISCONSIN 54451

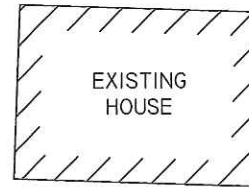
FIGURE 2A :SITE MAP WITH PROPERTY BOUNDARIES

PROJECT NO.	5431	DRAWN BY:	NAP	DATE:	05/29/12
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FREY LANE

POTABLE
 WELL

EXISTING
 GRAVEL DRIVE



MW3

EXCAVATION AREA

GP1

OLD TANKS

MW4

GRASS



MW2

EXISTING
 GRAVEL

GP2

GP3

GP4

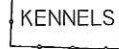
GP5

GP6

GP7

MW5

HA1



LEGEND

0 40

 SCALE: 1" = 40'

- HAND AUGER SOIL BORING
- MONITORING WELL
- GEOPROBE SOIL BORING

REI Engineering, INC.

OLSON PROPERTY
 W4519 FREY LANE
 MEDFORD, WISCONSIN 54451

FIGURE 2B : SITE MAP

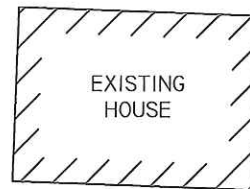
PROJECT NO.	5431	DRAWN BY:	DATE:
		NAP	08/23/11

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FREY LANE

POTABLE WELL

EXISTING GRAVEL DRIVE



MW3

EXCAVATION AREA

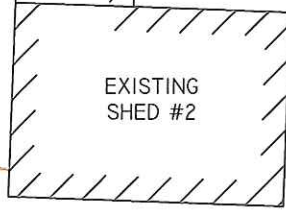
OLD TANKS

MW4

GRASS

MW2

EXISTING GRAVEL



MW1



LEGEND

0 40

SCALE: 1" = 40'

--- EXTENT OF SOIL CONTAMINATION GREATER THAN NR720 (RCL)

⊕ HAND AUGER SOIL BORING

⊕ MONITORING WELL

⊙ GEOPROBE SOIL BORING

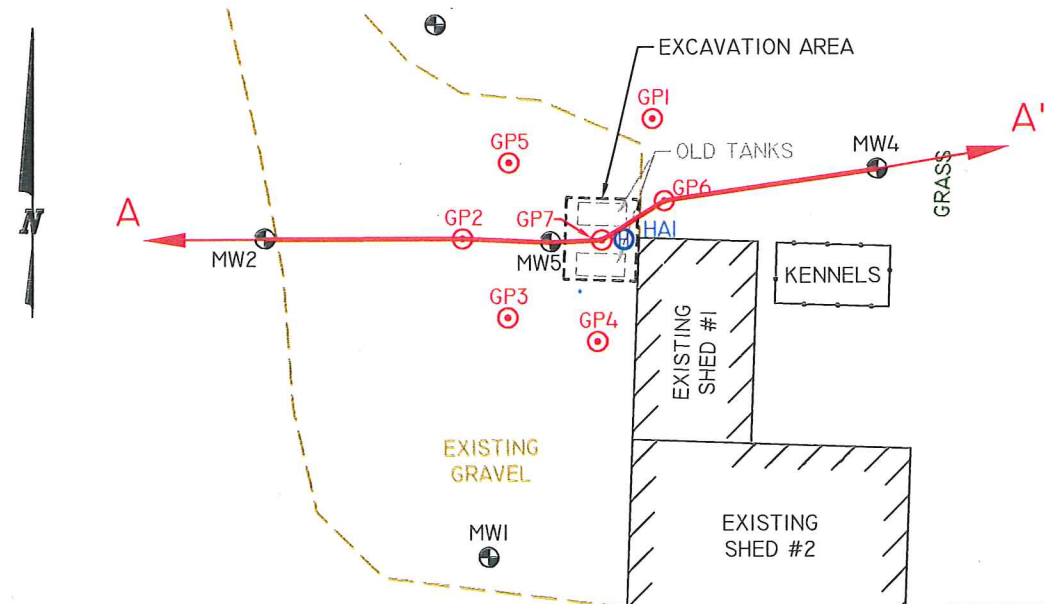
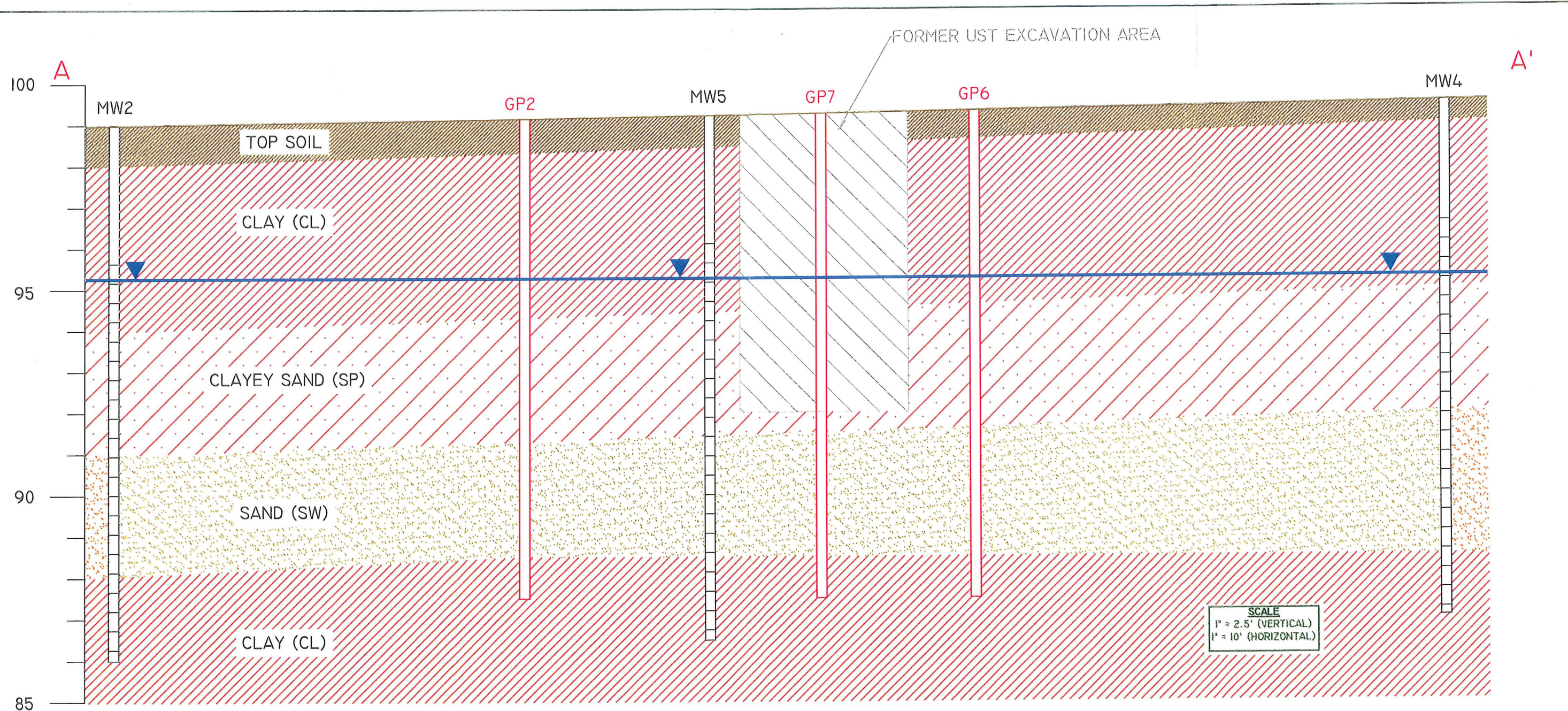
REI Engineering, INC.

OLSON PROPERTY
W4519 FREY LANE
MEDFORD, WISCONSIN 54451

FIGURE 7 : EXTENT OF SOIL CONTAMINATION > NR720 (RCL)		
PROJECT NO.	DRAWN BY:	DATE:
5431	ARH	05/31/12

DRAWING FILE: J:\DRAFTING\5431-OLSON\DWG\5431-EXTENT OF SOIL CONTAMINATION.DWG LAYOUT: SITE PLOTTED: JUN 12, 2012 - 4:30PM PLOTTED BY: AUSTINR

DRAWING FILE: J:\DRAFTING\5431-OLSON\DWG\5431-XS.DWG LAYOUT: GW PLOTTED: JUN 01, 2012 - 8:56AM PLOTTED BY: AUSTINH



LEGEND

0 40
SCALE: 1" = 40'

- CROSS SECTION
- ▼ DEPTH TO GROUNDWATER DURING BOREHOLE ADVANCEMENT
- ⊕ HAND AUGER SOIL BORING
- ⊕ MONITORING WELL
- ⊙ GEOPROBE SOIL BORING

REI
CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING

OLSON PROPERTY
W4519 FREY LANE
MEDFORD, WISCONSIN 54451

FIGURE 8 : CROSS SECTIONAL VIEW A-A'

PROJECT No. 5431	DRAWN BY: ARH	DATE: 5/31/12
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REI Engineering, INC.

FREY LANE

POTABLE WELL

EXISTING GRAVEL DRIVE

EXISTING HOUSE

MW3

EXCAVATION AREA

OLD TANKS

MW4

GRASS

MW2

EXISTING GRAVEL

KENNELS

EXISTING SHED #1

EXISTING SHED #2

MW1



LEGEND

0 40
 SCALE: 1" = 40'

- ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION
- HAND AUGER SOIL BORING
- MONITORING WELL
- GEOPROBE SOIL BORING

REI Engineering, INC.

OLSON PROPERTY
 W4519 FREY LANE
 MEDFORD, WISCONSIN 54451

FIGURE 6 : ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION (10/4/11)		
PROJECT NO.	DRAWN BY:	DATE:
5431	NAP	12/12/11

DRAWING FILE: J:\DRAFTING\5431-OLSON\DWG\5431-GW CONTAMINATION-100411.DWG LAYOUT: CONTAM PLOTTED: MAY 31, 2012 - 10:20AM PLOTTED BY: AUSTINH

FREY LANE

POTABLE WELL

EXISTING GRAVEL DRIVE

EXISTING HOUSE

MW3

EXCAVATION AREA

OLD TANKS

MW4

GRASS

GP1

GP2

GP3

GP4

GP5

GP7

MW5

EXISTING GRAVEL

MWI

EXISTING SHED #1

KENNELS

EXISTING SHED #2

95.30

94.90



LEGEND

0 40
 SCALE: 1" = 40'

← GROUNDWATER FLOW DIRECTION
 ⊕ HAND AUGER SOIL BORING
 ⊕ MONITORING WELL
 ⊙ GEOPROBE SOIL BORING

DRAWING FILE: J:\DRAFTING\5431-OLSON\DWG\5431-GW070611.DWG LAYOUT: GW PLOTTED: MAY 31, 2012 - 10:14AM PLOTTED BY: AUSTINH

OLSON PROPERTY
 W4519 FREY LANE
 MEDFORD, WISCONSIN 54451

FIGURE 3 : GROUNDWATER CONTOUR MAP (07/06/11)

PROJECT NO.	5431	DRAWN BY:	NAP	DATE:	08/23/11
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REI Engineering, INC.

FREY LANE

POTABLE
 WELL

EXISTING
 GRAVEL DRIVE

EXISTING
 HOUSE

95.74
 MW3

EXCAVATION AREA

OLD TANKS

96.22
 MW4

GRASS

95.59
 MW2

KENNELS

EXISTING
 SHED #1



95.80
 MW5

EXISTING
 SHED #2

EXISTING
 GRAVEL

95.57
 MW1

LEGEND

0 40
 SCALE: 1" = 40'

- GROUNDWATER FLOW DIRECTION
- HAND AUGER SOIL BORING
- MONITORING WELL
- GEOPROBE SOIL BORING

DRAWING FILE: J:\DRAFTING\5431-OLSON\DWG\5431-GW1004.II.DWG LAYOUT: GW PLOTTED: MAY 31, 2012 - 10:15AM PLOTTED BY: AUSTINH

REI Engineering, INC.

OLSON PROPERTY
 W4519 FREY LANE
 MEDFORD, WISCONSIN 54451

FIGURE 4 : GROUNDWATER CONTOUR MAP (10/04/11)

PROJECT NO.	DRAWN BY:	DATE:
5431	NAP	12/12/11

FREY LANE

POTABLE
 WELL

EXISTING
 GRAVEL DRIVE

EXISTING
 HOUSE

95.41
 MW3

EXCAVATION AREA

OLD TANKS

95.28
 MW4

GRASS

95.32
 MW2

GP5

GP2

GP7

MW5

GP6

95.28

GP3

GP4

EXISTING
 SHED #1

KENNELS

EXISTING
 GRAVEL

95.18
 MW1

EXISTING
 SHED #2



LEGEND

0 40
 SCALE: 1" = 40'

← GROUNDWATER FLOW DIRECTION
 ⊕ HAND AUGER SOIL BORING
 ⊕ MONITORING WELL
 ⊙ GEOPROBE SOIL BORING

DRAWING FILE: J:\DRAFTING\5431-OLSON\DWG\5431-GW050112.dwg LAYOUT: GW PLOTTED: MAY 31, 2012 - 10:12AM PLOTTED BY: AUSTINH

REI Engineering, INC.

OLSON PROPERTY
 W4519 FREY LANE
 MEDFORD, WISCONSIN 54451

FIGURE 5 : GROUNDWATER CONTOUR MAP (5/1/12)		
PROJECT NO.	DRAWN BY:	DATE:
5431	ARH	5/31/12

**TABLE 1
SOIL ANALYTICAL RESULTS
OLSON PROPERTY
W4519 FREY LANE
MEDFORD, WI**

				Date-->	4/27/10	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11
				Boring-->	HA 1	GP1	GP2	GP3	GP4	GP5	GP6
				Sample Depth--(Feet)>	4'	4-8'	4-8'	4-8'	4-8'	4-8'	4-8'
Petroleum VOC's (ug/kg)	RCL	Table 1	Table 2								
Benzene	5.5	8,500	1,100	7,100	<25.0	61.5^J	<25.0	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	2,900	4,600	NS	38,300	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Toluene	1,500	38,000	NS	101,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Xylenes (Total)	4,100	42,000	NS	211,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Methyl tert Butyl Ether	NS	NS	NS	<562	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Naphthalene	NS	2,700	NS		<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,2,4-Trimethylbenzene	NS	83,000	NS	107,000	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
1,3,5-Trimethylbenzene	NS	11,000	NS	31,900	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0
Gasoline Range Organics (GRO)	100	NS	NS	1,440							
Lead (mg/kg)	50	NS	NS	X	17.8	8.5	3.2	18.3	7.3	2.0	

Notes:

RCL - NR 720 Soil Residual Contaminant Level

Table 1 - COMM 46 Table 1 Value - Indicates Petroleum Product in Soil Pores

Table 2 - Direct Contact Standard

< - Concentration below listed laboratory detection limit

RCL exceedences are bold

NS - No Standard

J = Estimated Concentration above the adjusted method detection limit and below the adjusted reporting limit

TABLE 2
GEOPROBE GROUNDWATER ANALYTICAL RESULTS
OLSON PROPERTY
W4519 FREY LANE
MEDFORD,WI

PARAMETER	ES	PAL	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11	5/12/11
			GP1	GP2	GP3	GP4	GP5	GP6	GP7
Detected VOC's (ug/L)									
Benzene	5	0.5	18.0	82.6	72.8	<0.39	389	0.9 ^J	460
Ethylbenzene	700	140	34.5	<0.41	<0.41	<0.41	36.8	<0.41	895
Toluene	800	160	62.4	1.6	0.91 ^J	<0.42	375	<0.42	3,740
Total Xylenes	2,000	400	233.7	4.6 ^J	9.1 ^J	<0.87	248	1.63	4,620
Total Trimethylbenzenes	480	96	70.3	2.1	6.2	<0.43	77.2	1.1	1,278
Methyl Tert Butyl Ether	60	12	0.69 ^J	0.57 ^J	3.20	<0.38	0.82 ^J	0.89 ^J	24.2
Naphthalene	100	10	9.1	0.86 ^J	5.0	<0.40	7.7	<0.40	246
Lead	15	1.5	<1.7	2.6 ^J	5.1	<1.7	2.2 ^J	25.9	<1.7

Notes:

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
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<i>Italic</i>	= Exceeds Preventative Action Limit
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NA - Not Analyzed

< - Concentration less than listed detection limit

J = Estimated Concentration above the adjusted method detection limit and below the adjusted reporting limit

TABLE 4
 POTABLE WELL ANALYTICAL RESULTS
 OLSON PROPERTY
 W4519 FREY LANE
 MEDFORD, WI

PARAMETER	ES	PAL	5/13/2011	10/4/2011
			Potable Well	
Detected VOC's (ug/L)				
1,1,1,2 - Tetrachloroethane	70	7	<0.050	NA
1,1,1-Trichloroethane	200	40	<0.035	NA
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.051	NA
1,1,2-Trichloroethane	5	0.5	<0.12	NA
1,1-Dichloroethane	850	85	<0.072	NA
1,1-Dichloroethylene	7	0.7	<0.12	NA
1,1-Dichloropropylene			<0.060	NA
1,2,3-Trichloropropane	60	12	<0.022	NA
1,2,4-Trichlorobenzene	70	14	<0.098	NA
Total Trimethylbenzenes	480	96	<0.050	<0.43
1,2-Dibromo-3-chloropropane	0.2	0.02	<0.80	NA
1,2-Dibromoethane	0.05	0.005	<0.041	NA
1,2-Dichlorobenzene	600	60	<0.039	NA
1,2-Dichloroethane	5	0.5	<0.044	NA
1,2-Dichloropropane	5	0.5	<0.066	NA
1,3-Dichlorobenzene	1,250	125	<0.051	NA
J = Estimated Concentration above th	75	15	<0.055	NA
2,2-Dichloropropane			<0.15	NA
2-Chlorotoluene			<0.048	NA
4-Chlorotoluene			<0.053	NA
4-Isopropyltoluene			<0.072	NA
Benzene	5	0.5	<0.038	NA
Bromobenzene			<0.051	NA
Bromochloromethane			<0.11	NA
Bromodichloromethane	0.6	0.06	<0.066	NA
Bromoform	4.4	0.44	<0.11	NA
Bromomethane	10	1	<0.12	NA
Butylbenzene			<0.072	NA
Carbon Tetrachloride	5	0.5	<0.031	NA
Chlorobenzene			<0.025	NA
Chloroethane	400	80	<0.074	NA
Chloroform	6	0.6	<0.086	NA
Chloromethane	3	0.3	<0.021	NA
cis-1,2-Dichloroethylene	70	7	<0.080	NA
cis-1,3-Dichloropropylene	0.2	0.02	<0.18	NA
Dibromochloromethane	0.6	0.06	<0.062	NA
Dibromomethane		6	<0.080	NA
Dichlorodifluoromethane	1,000	200	<0.070	NA
Ethylbenzene	700	140	<0.034	<0.41
Hexachlorobutadiene			<0.22	NA
Isopropylbenzene			<0.051	NA
Total Xylenes	2,000	400	<0.047	<0.87
Methylene Chloride	5	0.5	<0.44	NA
Methyl-tert-Butyl Ether	60	12	<0.040	<0.38
Naphthalene	100	10	<0.058	<0.40
Propylbenzene			<0.042	NA
sec-Butylbenzene			<0.078	NA
Styrene	100	10	<0.075	NA
tert-Butylbenzene			<0.060	NA
Tetrachloroethene	5	0.5	<0.041	NA
Toluene	800	160	<0.045	<0.42
trans-1,2-Dichloroethylene	100	20	<0.14	NA
trans-1,3-Dichloropropylene	0.2	0.02	<0.11	NA
Trichloroethene	5	0.5	<0.050	NA
Trichlorofluoromethane	3,490	698	<0.065	NA
Vinyl Chloride	0.2	0.02	<0.049	NA

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD = Exceeds Enforcement Standard

Italic = Exceeds Preventative Action Limit

NA - Not Analyzed

< - Concentration less than listed detection limit

TABLE 5a
GROUNDWATER ANALYTICAL RESULTS
OLSON PROPERTY
W4519 FREY LANE
MEDFORD, WI

PARAMETER	ES	PAL	MW1		
			7/6/11	10/4/11	5/1/12
Detected VOC's (ug/L)					
Benzene	5	0.5	<0.39	<0.39	<0.39
Ethylbenzene	700	140	<0.41	<0.41	<0.41
Toluene	800	160	<0.42	<0.42	<0.42
Total Xylenes	2,000	400	<0.97	<0.87	<0.87
Total Trimethylbenzenes	480	96	<0.43	<0.43	<0.43
Methyl Tert Butyl Ether	60	12	<0.38	<0.38	<0.38
Naphthalene	100	10	<0.40	<0.40	<0.40
Metals					
Lead	15	1.5	<2.4	NA	NA

Notes:

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventative Action Limit

NA - Not Analyzed

J = Estimated Concentration above the adjusted method detection limit and below the adjusted reporting limit

**TABLE 5b
GROUNDWATER ANALYTICAL RESULTS
OLSON PROPERTY
W4519 FREY LANE
MEDFORD, WI**

PARAMETER	ES	PAL	MW2		
			7/6/11	10/4/11	5/1/12
Detected VOC's (ug/L)					
Benzene	5	0.5	36.8	<0.39	<0.39
Ethylbenzene	700	140	<0.41	<0.41	<0.41
Toluene	800	160	<0.42	<0.38	<0.42
Total Xylenes	2,000	400	<0.87	<0.87	<0.87
Total Trimethylbenzenes	480	96	<0.43	<0.43	<0.43
Methyl Tert Butyl Ether	60	12	0.53 ^J	<0.38	<0.38
Naphthalene	100	10	<0.4	<0.40	<.40
Metals					
Lead	15	1.5	<2.4	NA	NA

Notes:

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD
<i>italic</i>

= Exceeds Enforcement Standard

= Exceeds Preventative Action Limit

NA - Not Analyzed

J = Estimated Concentration above the adjusted method detection limit and below the adjusted reporting limit

TABLE 5c
GROUNDWATER ANALYTICAL RESULTS
OLSON PROPERTY
W4519 FREY LANE
MEDFORD, WI

PARAMETER	ES	PAL	MW3		
			7/6/11	10/4/11	5/1/12
Detected VOC's (ug/L)					
Benzene	5	0.5	<0.39	<0.39	<0.39
Ethylbenzene	700	140	<0.41	<0.41	<0.41
Toluene	800	160	<0.42	<0.42	<0.42
Total Xylenes	2,000	400	<0.97	<0.87	<0.87
Total Trimethylbenzenes	480	96	<0.43	<0.43	<0.43
Methyl Tert Butyl Ether	60	12	<0.38	<0.38	<0.38
Naphthalene	100	10	<0.40	<0.40	<0.40
Metals					
Lead	15	1.5	<2.4	NA	NA

Notes:

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventative Action Limit

NA - Not Analyzed

J = Estimated Concentration above the adjusted method detection limit and below the adjusted reporting limit

TABLE 5d
GROUNDWATER ANALYTICAL RESULTS
OLSON PROPERTY
W4519 FREY LANE
MEDFORD, WI

PARAMETER	ES	PAL	MW4		
			7/6/11	10/4/11	5/1/12
Detected VOC's (ug/L)					
Benzene	5	0.5	<0.39	<0.39	<0.39
Ethylbenzene	700	140	<0.41	<0.41	<0.41
Toluene	800	160	<0.42	<0.42	<0.42
Total Xylenes	2,000	400	<0.97	<0.87	<0.87
Total Trimethylbenzenes	480	96	<0.43	<0.43	<0.43
Methyl Tert Butyl Ether	60	12	<0.38	<0.38	<0.38
Naphthalene	100	10	<0.40	<0.40	<0.40
Metals					
Lead	15	1.5	<2.4	NA	NA

Notes:

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventative Action Limit

NA - Not Analyzed

J = Estimated Concentration above the adjusted method detection limit and below the adjusted reporting limit

TABLE 5e
GROUNDWATER ANALYTICAL RESULTS
OLSON PROPERTY
W4519 FREY LANE
MEDFORD, WI

PARAMETER	ES	PAL	MW5		
			7/6/11	10/4/11	5/1/12
Detected VOC's (ug/L)					
Benzene	5	0.5	5,110	1,840	993
Ethylbenzene	700	140	1,230	<i>431</i>	<i>231</i>
Toluene	800	160	13,500	3,780	2100
Total Xylenes	2,000	400	6,420	2,050	<i>1321</i>
Total Trimethylbenzenes	480	96	2,113	956	614
Methyl Tert Butyl Ether	60	12	<47.6	11.3 ^J	<9.5
Naphthalene	100	10	344	181	<i>90.8</i>
Metals					
Lead	15	1.5	21.5	NA	NA

Notes:

PAL = Preventive Action Limit

ES = Enforcement Standards

BOLD	= Exceeds Enforcement Standard
<i>Italic</i>	= Exceeds Preventative Action Limit

NA - Not Analyzed

J = Estimated Concentration above the adjusted method detection limit and below the adjusted reporting limit

**TABLE 3
GROUNDWATER ELEVATION DATA
OLSON PROPERTY
W4519 FREY LANE
MEDFORD, WI**

	MW1	MW2	MW3	MW4	MW5
Reference Elevation* (TOC)	98.57	98.59	98.83	99.36	99.21
Ground Elevation	99.08	99.12	99.36	99.78	99.64
Top of Well Screen Elevation	96.32	96.22	96.72	97.07	96.76
Length of Well Screen	10'	10'	10'	10'	10'
Depth of Well	12.25	12.37	12.11	12.29	12.45
Date					
7/6/2011	4.00	3.91	3.87	4.03	4.25
10/4/2011	3.00	3.00	3.09	3.14	3.41
5/1/2012	3.39	3.25	3.16	3.29	3.51
Water Level Elevation					
Date					
7/6/2011	94.57	94.68	94.96	95.33	94.96
10/4/2011	95.57	95.59	95.74	96.22	95.8
5/1/2012	95.18	95.32	95.41	95.28	95.06

Notes:

*Elevations are referenced to a on site Benchmark

J = Estimated Concentration above the adjusted method detection limit and below the adjusted reporting limit