GIS REGISTRY
Cover Sheet

August 2011
(RR-5367)

Source Property Information

CLOSURE DATE: Nov 16, 2011

BRRTS #: **02-71-000684**

FID #:

ACTIVITY NAME: Nonweiler Property - TCE

DATCP #:

PROPERTY ADDRESS: 3321 CTH A

PECFA#:

MUNICIPALITY: City of Oshkosh

PARCEL ID #: 91519607400, 91519607600

***WTM COORDINATES:**

X: **637845** Y: **399737**

** 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:

- [X] Groundwater Contamination > ES *(236)*
  - [X] Contamination in ROW
  - [X] 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)*
- [X] 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*

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PLEASE ASSEMBLE IN THIS ORDER

GIS Registry Checklist

Form 4400-245 (R 8/11)

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BRRTS #: 02-71-000684 *(No Dashes)* PARCEL ID #: 91519607400, 91519607600

ACTIVITY NAME: Nonweiler Property - TCE WTM COORDINATES: X: 637845 Y: 399737

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

- [x] **Closure Letter**
- [x] **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.*
- [x] **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 #: 1A **Title: Certified Survey Map**
- [x] **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.

- [x] **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 and Local Topography**
- [x] **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 #: 3 **Title: Zoning Map and Affected Off-Site Properties**
- [ ] **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 #: 02-71-000684 ACTIVITY NAME: Nonweiler Property - TCE

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 #: 5A-6A **Title: Post-Remediation Geologic Cross Sections A-A', B-B'**

Figure #: 7A **Title: Post-Remediation Geologic Cross Sections C-C'**

☒ **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 #: 9, 10 **Title: Groundwater Chemistry April 12, 2011, GW Chemistry Results & Extent of Contamination**

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

Figure #: 11 **Title: Groundwater Elevation and Estimated Flow Directions April 12, 2011**

Figure #: **Title:**

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 #: 2 **Title: Soil Chemistry Analytical Results, Pre-Remediation**

☒ **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 #: 3 **Title: Groundwater Analytical Results: Investigation and Post-Remediation**

☒ **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 #: 1 **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 #: 02-71-000684 ACTIVITY NAME: Nonweiler Property - TCE

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: 49

☒ **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.*

☐ **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:**

☒ **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: 1

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Impacted Off-Source Property Information

Form 4400-246 (R 3/08)

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BRRTS #: 02-71-000684

ACTIVITY NAME: Nonweiler Property - TCE

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
A	810 KEENVILLE LN	91550000000	637921	399758
B	3249 CTH A	0180031	637871	399722
C	845 KEENVILLE LN	91519620500	637986	399711
D	835 KEENVILLE LN	91519620200	637965	399719
E	825 KEENVILLE LN	91519620201	637950	399719
F	815 KEENVILLE LN	91519620202	637936	399716
G	805 KEENVILLE LN	91519620203	637922	399719
H	811 RIDGE LN	91519622000	637920	399675
I	821 RIDGE LN	91519621900	637942	399674

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ACTIVITY NAME: Nonweiler Property - TCE

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
J	831 RIDGE LN	91519621800	637968	399672
K	841 RIDGE LN	91519621700	637990	399674
L	861 RIDGE LN	91519621600	638017	399670
M	871 RIDGE LN	91519621400	638045	399673
N	3010 SHADOW LN	91519623000	638073	399635
O	MILLER LN (LOT 28)	91519622800	638056	399630
P	MILLER LN (LOT 27)	91519622700	638040	399634
Q	850 MILLER LN	91519622600	638013	399639
R	MILLER LN (LOT 24)	91519622400	637984	399632

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BRRTS #: 02-71-000684

ACTIVITY NAME: Nonweiler Property - TCE

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
S	830 MILLER LN	91519622300	637968	399629
T	820 MILLER LN	91519622200	637931	399628
U	821 MILLER LN	91519623100	637930	399592
V	3226 CTH A	91519623200	637936	399578
W	3220 CTH A	91519623300	637936	399557
X	3212 CTH A	91519623400	637930	399537
Y	3192 CTH A	91519623500	637934	399525
Z	CTH A (LOT 36)	91519623600	637930	399502
AA	3174 CTH A	91519624700	637925	399470

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Impacted Off-Source Property Information

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BRRTS #: 02-71-000684

ACTIVITY NAME: Nonweiler Property - TCE

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
AB	2938 SHADOW LN	91519624600	637972	399511
AC	2946 SHADOW LN	91519624500	637975	399533
AD	2962 SHADOW LN	91519624400	638001	399554
AE	2966 SHADOW LN	91519624200	638016	399569
AF	2978 SHADOW LN	91519624100	638039	399592
AG	841 MILLER LN	91519623900	638010	399592
AH	835 MILLER LN	91519623800	637990	399588
AI	831 MILLER LN	91519623700	637967	399587
AJ	3007 SHADOW LN	91519626300	638113	399604

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BRRTS #: 02-71-000684

ACTIVITY NAME: Nonweiler Property - TCE

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
AK	2999 SHADOW LN	91519626200	638090	399602
AL	2991 SHADOW LN	91519626100	638079	399594
AM	2983 SHADOW LN	91519626000	638065	399578
AN	2977 SHADOW LN	91519625900	638048	399566
AO	2967 SHADOW LN	91519625800	638040	399543
AP	2963 SHADOW LN	91519625700	638028	399530
AQ	2953 SHADOW LN	91519625600	638022	399513
AR	2947 SHADOW LN	91519625500	638016	399494
AS	2937 SHADOW LN	91519625400	638002	399481

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Impacted Off-Source Property Information

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BRRTS #: 02-71-000684

ACTIVITY NAME: Nonweiler Property - TCE

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
AT	2931 SHADOW LN	91519625300	637986	399469
AU	2923 SHADOW LN	91519625200	637969	399462
AV	2917 SHADOW LN	91519625100	637960	399446
AW	3138 CTH A	91519625000	637935	399413
AX				
AY				
AZ				
BA				
BB				

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary
Jean Romback-Bartels, Regional Director

Oshkosh Service Center
625 East County Road Y
Suite 700
Oshkosh, Wisconsin 54901-9731
FAX 920-424-4404

November 28, 2011

MARK NONWEILER
3321 COUNTY ROAD A
OSHKOSH WI 54901

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Nonweiler LLC, 3321 County Road A, Oshkosh
WDNR BRRTS ID # 02-71-000684

Dear Mr. Nonweiler:

The Department of Natural Resources (DNR) considers Nonweiller LLC – TCE site closed with continuing obligations. No further investigation or remediation is required at this time. However, you and future property owners must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attached maintenance plan to anyone who purchases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. The Northeast Region Closure Committee finalized their review of the closure request on November 2, 2011. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. A conditional closure letter was issued by the DNR on July 28, 2011, and documentation that the conditions in that letter were met was received on November 22, 2011.

This property has been used commercially as a manufacturing business which had historically used chlorinated solvents in a degreasing area. Soil and groundwater were impacted with Trichloroethylene (TCE) and its degradation products: cis 1,2 Dichloroethylene (DCE), and Vinyl Chloride (VC). Investigation indicated that the contaminants had pooled in a utility trench on the south side of the buildings. Remediation included the injection of an edible oil substrate into the area of the trench, and monitoring the natural attenuation of the contaminants over time. The conditions of closure and continuing obligations required were based on the property being used for non-residential purposes.

Continuing Obligations (summary)

The continuing obligations for this site are summarized below. Further details are found in the section Closure Conditions.

1. Groundwater contamination is present above ch. NR 140 enforcement standards.
2. One monitoring well (GP-119) was not located and must be properly filled and sealed if found.
3. Pavement, an engineered cover or a soil barrier must be maintained over the property for

protection of groundwater; and the state must approve any changes to this barrier.
4. Before the land use may be changed from industrial to non-industrial, additional environmental work may be necessary.

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible GIS Registry, to provide notice of residual contamination and of any continuing obligations. DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at http://dnr.wi.gov/org/water/dwg/3300254.pdf or at the web address listed below for the GIS Registry.

All site information is also on file at the WDNR Oshkosh Service Center, at 625 E. County Road Y, Suite 700, Oshkosh, WI 54956. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm.

Prohibited Activities

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the DNR before making a change, in order to determine if further action is needed to maintain the protectiveness of the remedy employed. The following activities are prohibited on any portion of the property where pavement or building foundation act as a cap and is required for groundwater protection, as shown on the attached map, unless prior written approval has been obtained from the DNR:

- removal of the existing barrier;
- replacement with another barrier;
- excavating or grading of the land surface;
- filling on capped or paved areas;
- plowing for agricultural cultivation;
- construction or placement of a building or other structure;
- changing the use or occupancy of the property to a residential exposure setting, which may include certain uses, such as single or multiple family residences, a school, day care, senior center, hospital, or similar residential exposure settings.

Continuing Obligations (details)

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. DNR staff will conduct periodic inspections to ensure that the conditions included in this letter and the attached maintenance plans are met. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property.

1. Residual Groundwater Contamination (ch. NR 140, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present both on this contaminated property and off this contaminated property, as shown on the attached map

(Figure 3). Affected property owners were notified of the presence of groundwater contamination. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

2. Monitoring Wells that could not be Properly Filled and Sealed (ch. NR 141, Wis. Adm. Code)
Monitoring well GP-119 located in the County Road A right-of-way shown on the attached map (west side of road, and northeast corner of CR Meyer property), could not be properly filled and sealed because they were missing due to being paved over, covered or removed during site development activities. Your consultant made a reasonable effort to locate the well but was unsuccessful. You may be held liable for any problems associated with the monitoring well if it creates a conduit for contaminants to enter groundwater. If this well is found, then the current owner of the property on which the well is located is required to notify the DNR, to properly fill and seal the wells and to submit the required documentation to the DNR.

3. Cover or Barrier (s. 292.12(2)(a), Wis. Stats)
The pavement, building or other impervious cover that exists in the location shown on the attached map (included in the maintenance plan) shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code.

A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if use of the property were to change such that a residential exposure would apply. This may include, but is not limited to single or multiple family residences, a school, day care, senior center, hospital or similar settings. Before using the property for such purposes, you must notify the DNR to determine if additional response actions are warranted.

A request may be made to modify or replace a cover or barrier. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the DNR prior to implementation.

The **attached maintenance plan and inspection log** are to be kept up-to-date and on-site. Submit the inspection log to the DNR only upon request.

4. Land Use Conditions
This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR. An investigation and remedial action to meet applicable soil, groundwater, or vapor cleanup standards may be required at that time.

The following DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, is included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf.

Please send written notifications in accordance with the above requirements to WDNR Oshkosh Service Center, 625 E. County Road Y, #700, Oshkosh, WI 54901, to the attention of Kathy Sylvester.

Please be aware that the case may be reopened pursuant to NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Kathy Sylvester at (920)424-0399.

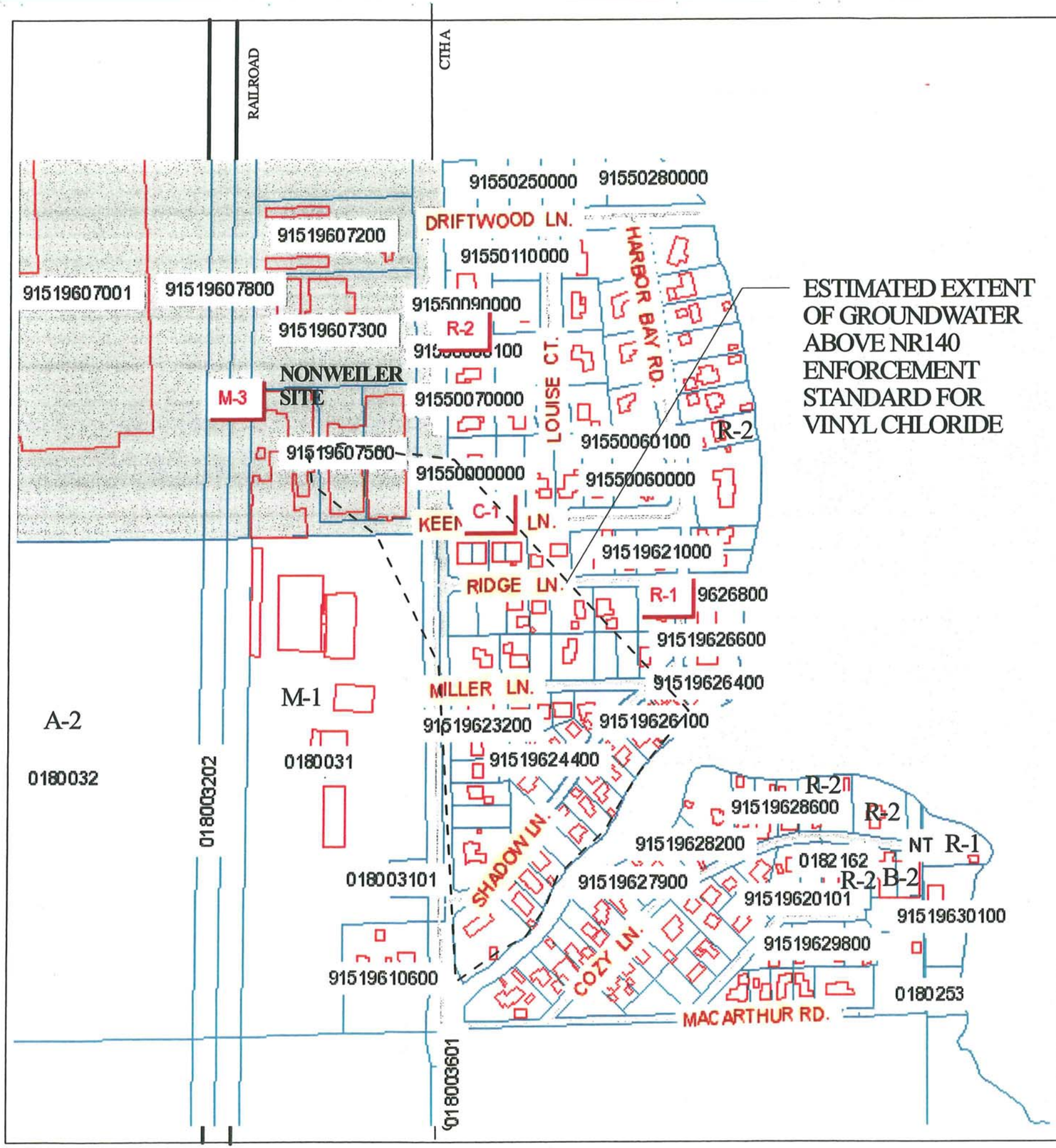
Sincerely,

Bruce G. Urben, Air and Waste Leader
Northeast Region

Attachments:

- Figure 3
- Figure 9 (identifying lost GP-119)
- Cap maintenance plan
- RR 819

cc: Case File – OSH
Ken Ebbott – Alpha Terra (via email)
David Patek – City of Oshkosh Public Works



ESTIMATED EXTENT OF GROUNDWATER ABOVE NR140 ENFORCEMENT STANDARD FOR VINYL CHLORIDE

LEGEND

- Road Centerline
- County Parcels
- Pool Lakes

Zoning

- [A-1] Light Agricultural Dist.
- [A-2] General Agricultural Dist.
- [C-1] Neighborhood Business Dist.
- [C-1PD] NBD Planned Development
- [C-2] General Commercial Dist.
- [C-2PD] GCD Planned Development
- [C-3] Central Commercial Dist.
- [C-3DO] CCD Downtown Overlay
- [C-3PD] CCD Planned Development
- [M-1] Light Industrial Dist.
- [M-1PD] LID Planned Development
- [M-2] Central Industrial Dist.
- [M-2DO] CID Downtown Overlay
- [M-2PD] CID Planned Development
- [M-3] General Industrial Dist.
- [M-3PD] GID Planned Development
- [R-1] Single Family Residence Dist.
- [R-1C] Single Family Central Residence Dist.
- [R-1LO] SFRD Lakeshore Overlay
- [R-1PD] SFRD Planned Development
- [R-2] Two Family Residence Dist.
- [R-2PD] TFRD Planned Developnen
- [R-3] Multiple Dwelling Dist.
- [R-3PD] MDD Planned Development
- [R-4] Multiple Dwelling Dist.
- [R-4PD] MDD Planned Development
- [R-5] Multiple Dwelling Dist.
- [R-5PD] MDD Planned Development

-N-

COUNTY ZONING ADDED
B-2 Commuity Business

0 300 FEET

TITLE: ZONING MAP AND AFFECTED OFF-SITE PROPERTIES

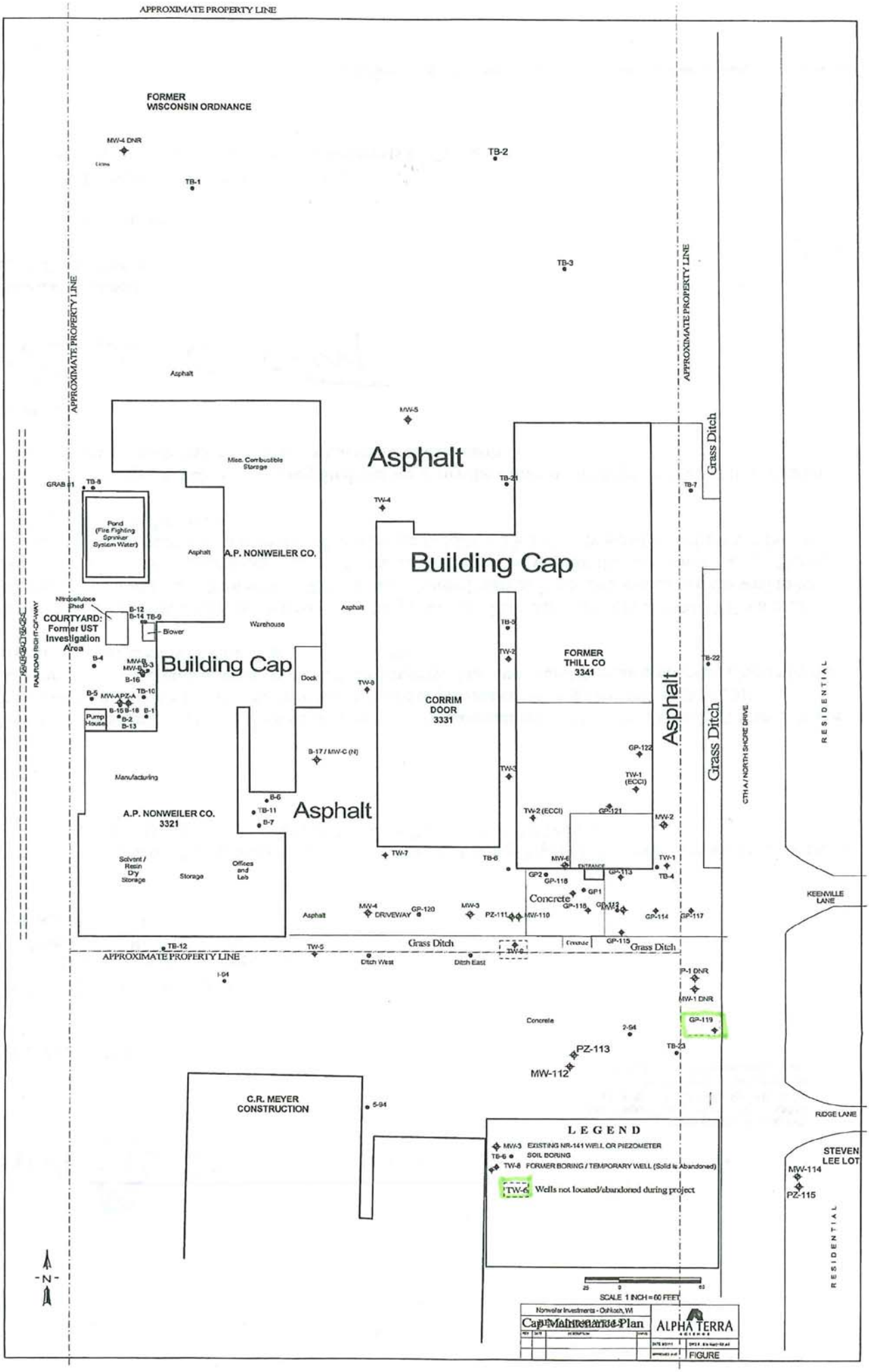
SITE: NONWEILER - OSHKOSH, WI

SCALE: 1" = 300' | ATS PROJECT NUMBER: NON 2006-01 | DATE: 5/31/11 | DWG # Area Wells.skf

REV: | DATE: | DESCRIPTION: | APPVD.: | DRAWN BY: KAE

ALPHA TERRA SCIENCE

FIGURE 3


APPROXIMATE PROPERTY LINE
FORMER
WISCONSIN ORDNANCE
MW-4 DNR
TB-2
TB-1
TB-3
APPROXIMATE PROPERTY LINE
APPROXIMATE PROPERTY LINE
Asphalt
MW-5
Asphalt
Grass Ditch
Misc. Combustible Storage
GRAB #1
TB-8
TB-21
TB-7
TW-4
Pond (Fire Fighting Sprinkler System Water)
Asphalt
A.P. NONWEILER CO.
Building Cap
Nitrocellulose Shed
B-12
B-14
TB-9
COURTYARD: Former UST Investigation Area
Blower
Warehouse
Asphalt
TB-5
FORMER THILL CO 3341
TB-22
B-4
MW-B
MW-B
B-3
B-16
Building Cap
Dock
TW-8
TW-2
TB-10
MW-A
PZ-A
B-5
CORRIM DOOR 3331
Asphalt
GP-122
Pump House
B-15
B-16
B-2
B-13
B-1
TW-1 (ECCI)
B-17 / MW-C (N)
TW-3
Manufacturing
B-6
TB-11
B-7
A.P. NONWEILER CO. 3321
Asphalt
TW-2 (ECCI)
GP-121
MW-2
TW-7
TB-6
MW-6
ENTRANCE
TW-1
GP2
GP-116
GP-113
TB-4
Solvent / Resin Dry Storage
Storage
Offices and Lab
GP1
Concrete
GP-118
GP-112
MW-4
DRIVEWAY
GP-120
MW-3
PZ-111
MW-110
GP-114
GP-117
TB-12
TW-5
Grass Ditch
TW-6
Concrete
GP-115
Grass Ditch
APPROXIMATE PROPERTY LINE
Ditch West
Ditch East
I-94
P-1 DNR
MW-1 DNR
GP-119
Concrete
I-94
PZ-113
TB-23
MW-112
C.R. MEYER CONSTRUCTION
I-94
LEGEND
MW-3 EXISTING NR-141 WELL OR PIEZOMETER
TB-6 SOIL BORING
TW-8 FORMER BORING / TEMPORARY WELL (Solid is Abandoned)
TW-6 Wells not located/abandoned during project
N
SCALE 1 INCH = 60 FEET
Nonweiler Investments - Oshkosh, WI
Cap Maintenance Plan
ALPHA TERRA SCIENCE
FIGURE
RESIDENTIAL
CTH A / NORTH SHORE DRIVE
KEENVILLE LANE
RIDGE LANE
STEVEN LEE LOT
MW-114
PZ-115
RESIDENTIAL

CAP MAINTENANCE PLAN

November 4, 2011

Property Located at:

3321 to 3341 County Road A, Oshkosh, WI

WDNR BRRTS #s: 02-71-000684

Legal Description: Parcel 1 and 2 of Certified Survey Map 233 and Part of the Southwest ¼ of the Northeast 1.4 Section 1, T18N R16E in the 15th Ward, City of Oshkosh, Winnebago County, WI, Containing 7.19 Acres
Parcel ID #: 915-1960-75-00

City of Oshkosh, Winnebago County, Wisconsin

Introduction

This document is the Maintenance Plan for a pavement and building barrier at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code.

The maintenance activities relate to the existing buildings and paved surfaces over the contaminated groundwater plume and soil on-site (Figure 1).

More site-specific information about this property may be found in:

- The case file in the DNR North Central Region Oshkosh Service Center office
- BRRTS on the Web (DNR's internet-based data base of contaminated sites at http://botw.dnr.state.wi.us/botw/SetUpBasicSearchForm.do
- GIS Registry PDF file for further information on the nature and extent of contamination: http://dnrmaps.wisconsin.gov/imf/imfApplyTheme.jsp?index=1 and
- The DNR Project Manager for Winnebago County, currently Ms. Kathy Sylvester at (920) 424-0399

Description of Contamination

Soil contaminated by trichloroethene is present primarily in areas south of the sanitary sewer lateral at depths of 10 – 14 feet below grade (Figure 2). Groundwater contaminated by degradation products of trichloroethene (dichloroethene (DCE) & vinyl chloride (VC)) are present, but at stable levels (Figure 3). An injection of edible oil substrate was completed on the Nonweiler property in 2007, and as a result, TCE has been virtually eliminated at the site within the injection zone. TCE & DCE are slightly above the NR140 groundwater enforcement standard (ES) in groundwater from a few site monitoring wells. Vinyl chloride is above the ES in groundwater at many of the site wells, however presence of methane indicates continuing breakdown of the contaminant. Groundwater concentrations are displayed on Figures 3 thru 6.

Description of the Cover and Vapor Mitigation System to be Maintained

The locations of the paved surfaces or other impervious barriers to be maintained in accordance with this Maintenance Plan are identified on Figure 1, and include the concrete floor of the three buildings (3321, 3331, & 3341 County Road A) and the surrounding asphalt.

The paved surfaces and building over the contaminated soil serve as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that would violate the groundwater standards in ch. NR 140, Wisconsin Administrative Code. The impervious covers over the contaminated soil also serves as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

Annual Inspections

The paved surfaces and building foundation overlying the contaminated soil and groundwater plumes as depicted on Figures 4, 5, and 6 will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that may allow additional infiltration into underlying soils. The inspections will be performed by the property owner to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed will be documented.

A log of the inspections and any repairs will be maintained by the property owner and a copy of the inspection log is included as Exhibit A, Cap Inspection Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log shall be kept on-site and presented to the Wisconsin Department of Natural Resources ("WDNR") upon request, unless otherwise directed in the case closure letter.

Maintenance Activities

If problems are noted during the annual inspections of the cap or at any other time during the year, repairs will be scheduled as soon as practical. Repairs to the cap may include patching and filling operations, or they can include larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the potential for direct contact exposure hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the paved surfaces overlying the contaminated soil are removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the paved surfaces and operation of the vapor mitigation system, will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

Prohibition of Activities and Notification of DNR Prior to Actions Affecting a Cover or Cap

The following activities are prohibited on any portion of the property where pavement is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDNR.

Contact Information

Current as of November 4, 2011

Site Owner: Nonweiler Investments LLC
3321 County Road A
Oshkosh, WI 54901
920/ 231-0850
Attn: Dr. Mark Nonweiler

Consultant: Alpha Terra Science
1237 Pilgrim Road, Plymouth, WI 53073
920/892-2444
Attn: Mr. Kendrick Ebbott

WDNR: Wisconsin Department of Natural Resources
625 East County Road Y, Suite 700
Oshkosh, WI 54901
920/424-0399
Attn: Ms. Kathy Sylvester, Hydrogeologist, RR Program

Attachments: Figures 1 thru 6
Exhibit A: Barrier Inspection and Maintenance Log

EXHIBIT A: BARRIER INSPECTION AND MAINTENANCE LOG

Inspection Date	Inspector	Condition of Cap	Recommendations	Have Previous Recommended Maintenance Actions Been Implemented?

APPROXIMATE PROPERTY LINE

BLDG

BLDG

FORMER
WISCONSIN ORDNANCE

Asphalt

MW-4 DNR

Grass

TB-2

TB-1

Asphalt

Asphalt

TB-3

Grass

APPROXIMATE PROPERTY LINE

APPROXIMATE PROPERTY LINE

MW-5

Asphalt

Misc. Combustible
Storage

Grass Ditch

GRAB #1

TB-8

TB-21

TB-7

TW-4

Pond
(Fire Fighting
Sprinker
System Water)

Asphalt

A.P. NONWEILER CO.

Building Cap

Nitrocellulose
Shed

B-12
B-14

TB-9

COURTYARD:
Former UST
Investigation
Area

Blower

Warehouse

Asphalt

TB-5

TW-2

FORMER
THILL CO
3341

TB-22

RAILROAD TRACKS

RAILROAD RIGHT-OF-WAY

B-4

MW-B
MW-B

B-3

B-16

Building Cap

Dock

TW-8

CORRIM
DOOR
3331

Asphalt

B-5

MW-A

PZ-A

TB-10

B-15

B-18

B-1

Pump
House

B-2
B-13

GP-122

TW-1
(ECCI)

TW-3

B-17 / MW-C (N)

Manufacturing

B-6

TB-11

B-7

A.P. NONWEILER CO.
3321

Asphalt

TW-2 (ECCI)

GP-121

MW-2

TW-7

TB-6

MW-6

ENTRANCE

TW-1

TB-4

GP2

GP-118

GP-113

Solvent /
Resin
Dry
Storage

Storage

Offices
and
Lab

Concrete

GP1

MW-4

DRIVEWAY

GP-120

MW-3

GP-116

GP-112

MW-5

GP-114

GP-117

Asphalt

PZ-111

MW-110

GP-115

TB-12

TW-5

Grass Ditch

Concrete

Grass Ditch

TW-6

APPROXIMATE PROPERTY LINE

Ditch West

Ditch East

I-94

P-1 DNR

MW-1 DNR

Concrete

GP-119

2-94

PZ-113

TB-23

MW-112

C.R. MEYER
CONSTRUCTION

5-94

RESIDENTIAL

CTH A / NORTH SHORE DRIVE

KEENVILLE
LANE

RIDGE LANE

STEVEN
LEE LOT

MW-114

PZ-115

RESIDENTIAL

LEGEND

MW-3 EXISTING NR-141 WELL OR PIEZOMETER

TB-6 SOIL BORING

TW-8 FORMER BORING / TEMPORARY WELL (Solid is Abandoned)

-N-

25 0 60

SCALE 1 INCH = 60 FEET

Nonweiler Investments - Oshkosh, WI

Cap Maintenance Plan

REV	DATE	DESCRIPTION	APPVD

ALPHA TERRA SCIENCE

DATE 5/31/11

DWG # Site Map(1=60).skf

APPROVED KAE

FIGURE 1

APPROXIMATE PROPERTY LINE

BLDG

BLDG

FORMER
WISCONSIN ORDNANCE

Asphalt

MW-4 DNR

Grass

TB-2

TB-1

Asphalt

TB-3

Grass

APPROXIMATE PROPERTY LINE

APPROXIMATE PROPERTY LINE

Asphalt

MW-5

Asphalt

Misc. Combustible
Storage

GRAB #1 TB-8

TB-21

TB-7

TW-4

Grass Ditch

Pond
(Fire Fighting
Sprinker
System Water)

Asphalt

A.P. NONWEILER CO.

Building Cap

Nitrocellulose
Shed

B-12
B-14 TB-9

COURTYARD:
Former UST
Investigation
Area

Blower

Warehouse

Asphalt

TB-5

TW-2

FORMER
THILL CO
3341

TB-22

RAILROAD TRACKS

RAILROAD RIGHT-OF-WAY

B-4

MW-B
MW-B B-3

B-16

Building Cap

Dock

TW-8

CORRIM
DOOR
3331

Asphalt

B-5 MW-A PZ-A TB-10

B-15 B-18 B-1

Pump
House

B-2
B-13

GP-122

TW-3

TW-1
(ECCI)

TCE 50

B-17 / MW-C (N)

Manufacturing

B-6

TB-11

B-7

A.P. NONWEILER CO.
3321

Asphalt

TW-2 (ECCI)

GP-121

MW-2

TW-7

TB-6

MW-6

ENTRANCE

TW-1

TB-4

GP2

GP-118

GP-113

Solvent /
Resin
Dry
Storage

Storage

Offices
and
Lab

TCE 100

TCE 10,000

GP1

MW-4

DRIVEWAY

GP-120

MW-3

PZ-111

MW-110

GP-116

GP-112

MW-5

GP-114

GP-117

Asphalt

GP-115

Concrete

Grass Ditch

Grass Ditch

TB-12

APPROXIMATE PROPERTY LINE

TW-5

Ditch West

Ditch East

TW-6

TCE 100

TCE 10,000

TCE 1,000

TCE 100

P-1 DNR

MW-1 DNR

I-94

Concrete

GP-119

2-94

TB-23

PZ-113

MW-112

TCE 1,000

TCE 100

TCE 100 TCE 1,000 TCE 100

C.R. MEYER
CONSTRUCTION

5-94

RESIDENTIAL

CTH A / NORTH SHORE DRIVE

RESIDENTIAL

KEENVILLE
LANE

RIDGE LANE

STEVEN
LEE LOT

MW-114

PZ-115

LEGEND

- MW-3 EXISTING NR-141 WELL OR PIEZOMETER
- TB-6 SOIL BORING
- TW-8 FORMER BORING / TEMPORARY WELL (Solid is Abandoned)

TCE ISOCONTOUR (DASHED WHERE INFERRED)
100 ug/kg

25 0 60

SCALE 1 INCH = 60 FEET

N

Nonweiler Investments - Oshkosh, WI

Soil Isoconcentration
TCE

REV	DATE	DESCRIPTION	APPVD

ALPHA TERRA SCIENCE

DATE 5/31/11 Dwg # Site Map(1=60).skf

APPROVED KAE

FIGURE 2

APPROXIMATE PROPERTY LINE

BLDG

BLDG

FORMER
WISCONSIN ORDNANCE

Asphalt

MW-4 DNR

Grass

TB-2

TB-1

Asphalt

Asphalt

TB-3

Grass

APPROXIMATE PROPERTY LINE

APPROXIMATE PROPERTY LINE

MW-5

Asphalt

Misc. Combustible
Storage

GRAB #1

TB-8

TB-21

TB-7

Grass Ditch

TW-4

Pond
(Fire Fighting
Sprinker
System Water)

Asphalt

A.P. NONWEILER CO.

Building Cap

Nitrocellulose
Shed

B-12
B-14

TB-9

COURTYARD:
Former UST
Investigation
Area

Blower

Warehouse

Asphalt

TB-5

TW-2

FORMER
THILL CO
3341

TB-22

RAILROAD TRACKS

RAILROAD RIGHT-OF-WAY

B-4

MW-B
MW-B

B-3

B-16

Building Cap

Dock

TW-8

B-5

MW-A PZ-A

TB-10

Pump
House

B-15 B-18

B-1

B-2

B-13

CORRIM
DOOR
3331

Asphalt

GP-122

TCE <0.48
cis DCE 0.91
VC 1.9**
M 62

TW-1
(ECCI)

TCE <0.48
cis DCE <0.83
VC 1.5**
M 259

B-17 / MW-C (N)
TCE <0.48
cis DCE <0.83
VC 0.51**
M 169

TW-3

Manufacturing

B-6

TB-11

B-7

Asphalt

TW-2 (ECCI)

GP-121
TCE 3.9*
cis DCE 117**
VC 87**
M 4020

MW-2

A.P. NONWEILER CO.
3321

TW-7

TB-6

MW-6

ENTRANCE

TW-1

GP2

GP-118

GP-113
TCE <0.48
cis DCE 1.7
VC 11.3**
M 73.3

TB-4

GP1

Solvent /
Resin
Dry
Storage

Storage

Offices
and
Lab

MW-4
DRIVEWAY

GP-120

MW-3

PZ-111

MW-110
TCE <0.48
cis DCE <0.83
VC 0.92**
M 5150

GP-116

GP-112
TCE <0.48
cis DCE 314**
VC 336**
M 11200

GP-114

GP-117
TCE <0.48
cis DCE 7.7*
VC 2.6**
M 21.4

Asphalt

TCE <0.48
cis DCE 1.5
VC 1.4**
M 890

TCE <0.48
cis DCE 33.2*
VC 274
M 5520

Grass Ditch

Concrete

GP-115
TCE <0.48
cis DCE 32.5*
VC 40.0**
M 7530

Grass Ditch

TB-12

TW-5

TW-6

APPROXIMATE PROPERTY LINE

Ditch West

Ditch East

I-94

P-1 DNR

MW-1 DNR
TCE 606**
cis DCE 639**
VC 34**
M 482

GP-119

Concrete

2-94

PZ-113

TB-23

MW-112
TCE <0.48
cis DCE <0.83
VC <0.18
M 5

C.R. MEYER
CONSTRUCTION

5-94

CTH A / NORTH SHORE DRIVE

RESIDENTIAL

KEENVILLE
LANE

RIDGE LANE

STEVEN
LEE LOT

MW-114
TCE 13.6**
cis DCE 44.2*
VC 5.8**
M 22

PZ-115

RESIDENTIAL

LEGEND

MW-3 EXISTING NR-141 WELL OR PIEZOMETER

TB-6 SOIL BORING

TW-8 FORMER BORING / TEMPORARY WELL (Solid is Abandoned)

Groundwater Chemistry Results (ug/l)
Sample Date if Not 4/12/11
Trichloroethene
cis 1,2-Dichloroethene
Vinyl Chloride
Methane
* : Exceeds NR140 Preventive Action Limit Standard
** Exceeds NR140 Enforcement Standard

TCE <0.48
cis DCE <0.83
VC <0.18
M 5

-N-

25 0 60

SCALE 1 INCH = 60 FEET

Nonweiler Investments - Oshkosh, WI

GROUNDWATER CHEMISTRY
APRIL 12, 2011

REV	DATE	DESCRIPTION	APVD

ALPHA TERRA SCIENCE

DATE 5/31/11

APPROVED KAE

FIGURE 3

APPROXIMATE PROPERTY LINE

BLDG

BLDG

FORMER
WISCONSIN ORDNANCE

Asphalt

MW-4 DNR

Grass

TB-2

TB-1

Asphalt

Asphalt

TB-3

Grass

APPROXIMATE PROPERTY LINE

APPROXIMATE PROPERTY LINE

MW-5

Asphalt

Misc. Combustible
Storage

GRAB #1

TB-8

TB-21

TB-7

Grass Ditch

TW-4

Pond
(Fire Fighting
Sprinker
System Water)

Asphalt

A.P. NONWEILER CO.

Building Cap

Nitrocellulose
Shed

B-12
B-14

TB-9

COURTYARD:
Former UST
Investigation
Area

Blower

Warehouse

Asphalt

TB-5

TW-2

FORMER
THILL CO
3341

TB-22

RAILROAD TRACKS

RAILROAD RIGHT-OF-WAY

B-4

MW-B
MW-B

B-3

B-16

Building Cap

Dock

TW-8

B-5

MW-A

PZ-A

TB-10

B-15

B-18

B-1

Pump
House

B-2
B-13

CORRIM
DOOR
3331

Asphalt

GP-122

B-17 / MW-C (N)

TW-3

TW-1
(ECCI)

TCE
>0.5
(PAL)

Manufacturing

B-6

TB-11

B-7

A.P. NONWEILER CO.
3321

Asphalt

TW-2 (ECCI)

GP-121

MW-2

TW-7

TB-6

MW-6

ENTRANCE

TW-1

GP-113

GP2

GP-118

TB-4

TCE >0.5 (PAL)

GP1

Solvent /
Resin
Dry
Storage

Storage

Offices
and
Lab

TCE 5

MW-4

DRIVEWAY

GP-120

MW-3

PZ-111

MW-110

GP-116

GP-112

MW-5

GP-114

GP-117

Asphalt

GP-115

TB-12

TW-5

Grass Ditch

Concrete

Grass Ditch

TW-6

APPROXIMATE PROPERTY LINE

Ditch West

Ditch East

I-94

P-1 DNR

TCE 500

MW-1 DNR

GP-119

Concrete

2-94

TB-23

PZ-113

MW-112

TCE 50

C.R. MEYER
CONSTRUCTION

5-94

LEGEND

MW-3 EXISTING NR-141 WELL OR PIEZOMETER

TB-6 SOIL BORING

TW-8 FORMER BORING / TEMPORARY WELL (Solid is Abandoned)

TCE 50 TCE ISOCONTOUR (ug/l)

25 0 60

SCALE 1 INCH = 60 FEET

CTH A / NORTH SHORE DRIVE

RESIDENTIAL

KEENVILLE
LANE

RIDGE LANE

STEVEN
LEE LOT

MW-114

PZ-115

RESIDENTIAL

TCE >0.5 (PAL)

N

Nonweiler Investments - Oshkosh, WI

Groundwater Isoconcentration
TCE December 2010

REV	DATE	DESCRIPTION	APP'D

ALPHA TERRA SCIENCE

DATE: 5/31/11

DWG # Site Map(1=60).skf

APPROVED: KAE

FIGURE 4

APPROXIMATE PROPERTY LINE

BLDG

BLDG

FORMER
WISCONSIN ORDNANCE

Asphalt

MW-4 DNR

Grass

TB-2

TB-1

Asphalt

TB-3

Grass

Asphalt

APPROXIMATE PROPERTY LINE

APPROXIMATE PROPERTY LINE

MW-5

Asphalt

Misc. Combustible
Storage

GRAB #1

TB-8

TB-21

TB-7

Grass Ditch

TW-4

Pond
(Fire Fighting
Sprinker
System Water)

Asphalt

A.P. NONWEILER CO.

Building Cap

Nitrocellulose
Shed

B-12
B-14

TB-9

COURTYARD:
Former UST
Investigation
Area

Blower

Warehouse

Asphalt

TB-5

TW-2

FORMER
THILL CO
3341

TB-22

RAILROAD TRACKS

RAILROAD RIGHT-OF-WAY

B-4

MW-B
MW-B

B-3

B-16

Building Cap

Dock

TW-8

B-5

MW-A

PZ-A

TB-10

CORRIM
DOOR
3331

Asphalt

B-15

B-18

B-1

Pump
House

B-2
B-13

GP-122

B-17 / MW-C (N)

TW-3

TW-1
(ECCI)

Manufacturing

B-6

TB-11

B-7

A.P. NONWEILER CO.
3321

Asphalt

TW-2 (ECCI)

GP-121

MW-2

TW-7

TB-6

MW-6

ENTRANCE

TW-1

GP2

GP-118

GP-113

TB-4

GP1

Solvent /
Resin
Dry
Storage

Storage

Offices
and
Lab

MW-4

DRIVEWAY

GP-120

MW-3

GP-116

GP-112

MW-5

PZ-111

MW-110

GP-114

GP-117

Asphalt

Grass Ditch

Concrete

GP-115

Grass Ditch

TB-12

TW-5

TW-6

APPROXIMATE PROPERTY LINE

Ditch West

Ditch East

I-94

P-1 DNR

MW-1 DNR

GP-119

DCE 70

Concrete

2-94

TB-23

DCE 700

PZ-113

MW-112

C.R. MEYER
CONSTRUCTION

5-94

RIDGE LANE

STEVEN
LEE LOT

MW-114

PZ-115

DCE 70

RESIDENTIAL

CTH A / NORTH SHORE DRIVE

RESIDENTIAL

KEENVILLE
LANE

LEGEND

MW-3 EXISTING NR-141 WELL OR PIEZOMETER

TB-6 SOIL BORING

TW-8 FORMER BORING / TEMPORARY WELL (Solid is Abandoned)

DCE 70 DCE ISOCONTOUR (DASHED WHERE INFERRED) ug/l

-N-

25 0 60

SCALE 1 INCH = 60 FEET

Nonweiler Investments - Oshkosh, WI

Groundwater Isoconcentration
DCE December 2010

REV	DATE	DESCRIPTION	APPVD

ALPHA TERRA SCIENCE

DATE 5/31/11

APPROVED KAE

FIGURE 5

APPROXIMATE PROPERTY LINE

BLDG

BLDG

Asphalt

FORMER
WISCONSIN ORDNANCE

MW-4 DNR

Grass

TB-2

TB-1

Asphalt

Asphalt

TB-3

Grass

APPROXIMATE PROPERTY LINE

APPROXIMATE PROPERTY LINE

MW-5

Asphalt

Misc. Combustible
Storage

GRAB #1

TB-8

TB-21

TB-7

Grass Ditch

TW-4

Pond
(Fire Fighting
Sprinker
System Water)

Asphalt

A.P. NONWEILER CO.

Building Cap

Nitrocellulose
Shed

COURTYARD:
Former UST
Investigation
Area

B-12
B-14

TB-9

Blower

Warehouse

Asphalt

TB-5

TW-2

FORMER
THILL CO
3341

TB-22

RAILROAD TRACKS

RAILROAD RIGHT-OF-WAY

B-4

MW-B
MW-B

B-3

B-16

Building Cap

Dock

TW-8

CORRIM
DOOR
3331

Asphalt

B-5

MW-A

PZ-A

TB-10

B-15

B-18

B-1

Pump
House

B-2

B-13

GP-122

TW-3

TW-1
(ECCI)

B-17 / MW-C (N)

Manufacturing

B-6

TB-11

B-7

A.P. NONWEILER CO.
3321

Asphalt

TW-2 (ECCI)

GP-121

VC 20

MW-2

TW-7

TB-6

MW-6

ENTRANCE

TW-1

GP2

GP-118

GP-113

TB-4

Solvent /
Resin
Dry
Storage

Storage

Offices
and
Lab

GP1

MW-4

DRIVEWAY

GP-120

MW-3

GP-116

GP-112

VC 2000

PZ-111

MW-110

GP-114

GP-117

VC 200

Concrete

GP-115

Asphalt

Grass Ditch

Grass Ditch

TB-12

TW-5

TW-6

APPROXIMATE PROPERTY LINE

Ditch West

Ditch East

I-94

P-1 DNR

MW-1 DNR

Concrete

GP-119

2-94

TB-23

PZ-113

MW-112

C.R. MEYER
CONSTRUCTION

5-94

VC 20

CTH A / NORTH SHORE DRIVE

RESIDENTIAL

KEENVILLE
LANE

RIDGE LANE

STEVEN
LEE LOT

MW-114

PZ-115

RESIDENTIAL

LEGEND

MW-3 EXISTING NR-141 WELL OR PIEZOMETER

TB-6 SOIL BORING

TW-8 FORMER BORING / TEMPORARY WELL (Solid is Abandoned)

VC 2 VC ISOCONTOUR (ug/l)

-N-

25 0 60

SCALE 1 INCH = 60 FEET

Nonweiler Investments - Oshkosh, WI

Groundwater Isoconcentration
VC December 2010

REV	DATE	DESCRIPTION	APPVD

ALPHA TERRA SCIENCE

DATE 6/30/11

DWG # Site Map(1in60).dgf

APPROVED KAE

FIGURE 6

Document Number

QUIT CLAIM DEED

1161835

REGISTER'S OFFICE
WINNEBAGO COUNTY, WI
RECORDED ON

12-28-2001 12:45 PM

SUSAN WINNINGHOFF
REGISTER OF DEEDS

RECORDING FEE	11.00
TRANSFER FEE	0156
# OF PAGES	1

Recording Area

Name and Return Address

Attorney James J. Williamson
P.O. Box 886
Oshkosh, WI 54903-0886

Jacqueline L. Nonweiler and Mark Nonweiler, each an undivided one-half interest as tenants in common, quit-claims to Nonweiler Investments LLC the following described real estate in Winnebago County, State of Wisconsin:

15-1960-7400
(Parcel Identification Number)

The South Four Hundred (400) feet of that part of the South West 1/4 of the NORTH EAST 1/4 of Section One (1) Township Eighteen (18) North, of Range Sixteen (16) East, in the Town of Oshkosh, lying east of the Easterly line of right-of-way of the Chicago and North Western Rail Road Company and West of the Westerly line of County Trunk Highway "A", excepting therefrom the North Three Hundred Sixty (360) feet of the South Four Hundred (400) feet of the East Three Hundred Eight (308) feet of said South West 1/4 of the North East 1/4, subject to rights granted over and across the South Forty (40) feet of the East Three Hundred Eight (308) feet of said South West 1/4 of the North East 1/4, now in the 15th Ward, City of Oshkosh, Winnebago County, Wisconsin.

This is not homestead property.

Dated this 12 day of April, 2001.

*Jacqueline L. Nonweiler

*Mark Nonweiler

AUTHENTICATION

Signature(s)

authenticated this 13th day of April, 20___.

signature

James J. Williamson
type or print name

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Attorney James J. Williamson
P.O. Box 2808

ACKNOWLEDGMENT

STATE OF WISCONSIN
WINNEBAGO COUNTY
Personally came before me this _____ day of March, 2001 the above named Jacqueline L. Nonweiler and Mark Nonweiler to me known to be the person(s) who executed the foregoing instrument and acknowledge the same.

signature

type or print name

Notary Public Winnebago County, Wisconsin.
My commission is permanent. (If not, state expiration date: _____, 20____.)

*Names of persons signing in any capacity should be typed or printed below their signatures.

STATE BAR OF WISCONSIN FORM 1 - 2000

WARRANTY DEED

Document Number

1344281

REGISTER'S OFFICE
WINNEBAGO COUNTY, WI
RECORDED ON

02/08/2005 11:20AM

JULIE PAGEL
REGISTER OF DEEDS

RECORDING FEE 13.00
TRANSFER FEE 3300.00
OF PAGES 2

This Deed, made between Horicon State Bank, n/k/a Horicon Bank Grantor, and Nonweiler Investments, LLC, a Wisconsin limited liability company Grantee.

Grantor, for a valuable consideration, conveys to Grantee the following described real estate in Winnebago County, State of Wisconsin (the "Property") (if more space is needed, please attach addendum):
See attached Exhibit "A".

Recording Area

Name and Return Address
Nonweiler Investments, LLC
3321 County Road A
Oshkosh, WI 54901

915-1960-76, 915-1960-75, & 915-1960-73
Parcel Identification Number (PIN)

This is not homestead property.
(is) (is not)

Together with all appurtenant rights, title and interests.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except any easements or restrictions of record.

Dated this 25th day of January, 2005.

HORICON STATE BANK

* By: President

* Senior Vice President

AUTHENTICATION

Signature(s) _____

authenticated this _____ day of _____, ____

*

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Colleen A. Bissett

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss.
Dodge County.)

Personally came before me this 25th day of January, 2005 the above named Fred F. Schwert Jr., pres. & Allen M. Schwab, Sr. V.P.

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

* JM Vanden Boogart

Notary Public, State of Wisconsin
My Commission is permanent. (If not, state expiration date: 9/18, 2005.)

*Names of persons signing in any capacity must be typed or printed below their signature.

WARRANTY DEED **STATE BAR OF WISCONSIN** **FORM No. 1-2000**

Steinhilber, Swanson, Mares, Marone 107 Church Ave, Oshkosh WI 54901
Phone: (920) 426-0456 Fax: (920) 426-5530 Douglas K. Marone

T6069505.ZFX

01100 J

EXHIBIT "A"

Parcel 1

Lot One (1) according to CERTIFIED SURVEY MAP NO. 233, as filed in Volume 1 of Survey Maps on Page 233, as Document No. 504969; being part of of the South West 1/4 of the North East 1/4 of Section One (1), Township Eighteen (18) North, Range Sixteen (16) East, in the Town of Oshkosh, now in the Fifteenth Ward, City of Oshkosh, Winnebago County, Wisconsin.

FOR INFORMATIONAL PURPOSES:
Tax Parcel No: 915-1960-76
2004 Tax Amount: $12,761.76
Property Address: 3331 County Road A

Parcel 2

Lot Two (2) according to CERTIFIED SURVEY MAP NO. 233, as filed in Volume 1 of Survey Maps on Page 233, as Document No. 504969; being part of the South West 1/4 of the North East 1/4 of Section One (1), Township Eighteen (18 North, Range Sixteen (16) East, in the Town of Oshkosh, now in the Fifteenth Ward, City of Oshkosh, Winnebago County, Wisconsin.

FOR INFORMATIONAL PURPOSES:
Tax Parcel No: 915-1960-75
2004 Tax Amount: $7,072.80
Property Address: County Road A

Parcel 3

That part of the North 300 feet of the South 700 feet of the Southwest 1/4 of the Northeast 1/4 of Section 1, Township 18 North, Range 16 East, in the City of Oshkosh, Winnebago County, Wisconsin lying East of the Easterly line of the right of way of the Chicago and Northwestern Transportation Company (formerly the Chicago and Northwestern Railway Company), EXCEPTING therefrom that portion thereof included within the limits of County Trunk Highway "A", as now located.

FOR INFORMATIONAL PURPOSES:
Tax Parcel No: 915-1960-73
2004 Tax Amount: $11,037.27
Property Address: 3375 County Road A

CONDOMINIUM DECLARATION

Document Number

1546273

REGISTER'S OFFICE
WINNEBAGO COUNTY, WI
RECORDED ON

08/02/2010 04:19PM

JULIE PAGEL
REGISTER OF DEEDS

RECORDING FEE 30.00
TRANSFER FEE

OF PAGES 12

Recording Area

Name and Return Address:

Peter J. Culp
Dempsey Law Firm
P. O. Box 886
Oshkosh, WI 54903-0886

(Parcel Identification Number)

Prepared by:
Peter J. Culp
Dempsey Law Firm
P. O. Box 886
Oshkosh, WI 54903-0886

DECLARATION OF CONDOMINIUM OF
Nonweiler Condominium

TABLE OF CONTENTS

2.5 **Condominium Instruments** mean the declaration, plats and plans of a condominium together with any attached exhibits or schedules.

2.6 **Limited Common Elements** mean those common elements identified in a declaration or on a condominium plat as reserved for the exclusive use of one or more, but less than all of the unit owners.

2.7 **Mortgagee** means the holder of any recorded mortgage encumbering one or more units or a land contract vendor.

2.8 **Person** means an individual, corporation, limited liability company, partnership, association, trustee or other legal entity.

2.9 **Property** means unimproved land, land together with improvements on it or improvements without the underlying land. Property may consist of noncontiguous parcels or improvements.

2.10 **Unit** means a part of a condominium intended for any type of independent use, including one or more cubicles of air in a building. A unit may include two (2) or more noncontiguous areas. Unit shall include the garage and any storage areas.

2.11 **Unit Number** means the number identifying a unit in a declaration.

2.12 **Unit Owner** means a person, combination of persons, corporation, limited liability company, partnership, association, trustee or other legal entity holding legal title to a condominium unit or having equitable ownership as a land contract vendee.

3. **Small Condominium** means a Small Condominium pursuant to Section 703.365 of the Wisconsin Statutes. The following portions of Section 703.365 shall apply to the Condominium:

703.365 (2)(b)(c)(d) & (e)
703.365 (3)(a)(b)(c)(d) & (e)
703.365 (4)(a) & (h)
703.365 (5)(a)(b) & (c)
703.365 (8)

4. **General Description – Units.**

4.1 **Improvements.** The Condominium consists of three (3) Units. Unit 1 includes an existing building that is principally used for storage and has an address of 3341 County Trunk Highway A, Oshkosh, WI 54901. Unit 2 includes two (2) existing buildings that houses the office and manufacturing facility of A.P. Nonweiler, Inc., a business that has been providing quality, custom protective and industrial coatings. since 1931. Unit 2 has an address of 3321 County Trunk Highway A,

Oshkosh, WI 54901. Unit 3 consists of two (2) existing buildings that have an address of 3375A and 3375B County Trunk Highway A, Oshkosh, WI 54901. Much of the space outside the existing buildings in the Units is asphalt or concrete surface.

4.2 Units. Each Unit within the Nonweiler Condominium is shown on Exhibit "A" of this Declaration and is serviced by separate utilities.

4.3 Unit Boundaries. Each unit shall include that part of the building containing the unit that lies within the boundaries of the unit, which boundaries are as follows:

(a) Upper and Lower Boundaries. The upper and lower boundaries of the unit shall be the following boundaries extended to an intersection with the perimetrical boundaries: (i) upper boundaries – the horizontal plane of the undecorated finished ceiling of the existing buildings; and (ii) lower boundaries – the horizontal plane of the undecorated finished floor of the basement or, if no basement, the ground floor.

(b) Perimetrical Boundaries. The perimetrical boundaries of the unit shall be the vertical planes of the boundary lines shown in Exhibit A.

4.4 Identification of Units. Each unit is identified with a number as shown on Exhibit "A."

5. General Description – Common Elements.

5.1 Common Elements. The common elements are all areas within the condominium and outside of the units. All common elements, except limited common elements, shall be available for use by all unit owners without discrimination. Such use shall be without charge, except where specifically authorized by this Declaration

5.2 Limited Common Elements. No part of the Nonweiler Condominium has been designated as limited common elements.

6. Percentage of Ownership in Common Elements. Each unit owner shall own an undivided percentage interest in the common elements as a tenant in common with all other unit owner(s) and, except as otherwise limited in this Declaration, shall have the right to use and occupy the common elements for all purposes incident to the use and occupancy of his/her unit as a place of residence, and such other incidental uses permitted by this Declaration, which rights shall be appurtenant to and run with his/her' unit. The percentage interest appurtenant to each unit is as follows:

Unit 1:	33.33%
Unit 2:	33.33%
Unit 3:	33.33%

OFFICIAL COPY

FIGURE 1A CERTIFIED SURVEY MAP
NONWEILER PROPERTY

SURVEY FOR:
NONWEILER CONDOMINIUM ASSOCIATION
1720 SANDERS STREET
OSHKOSH, WI 54902

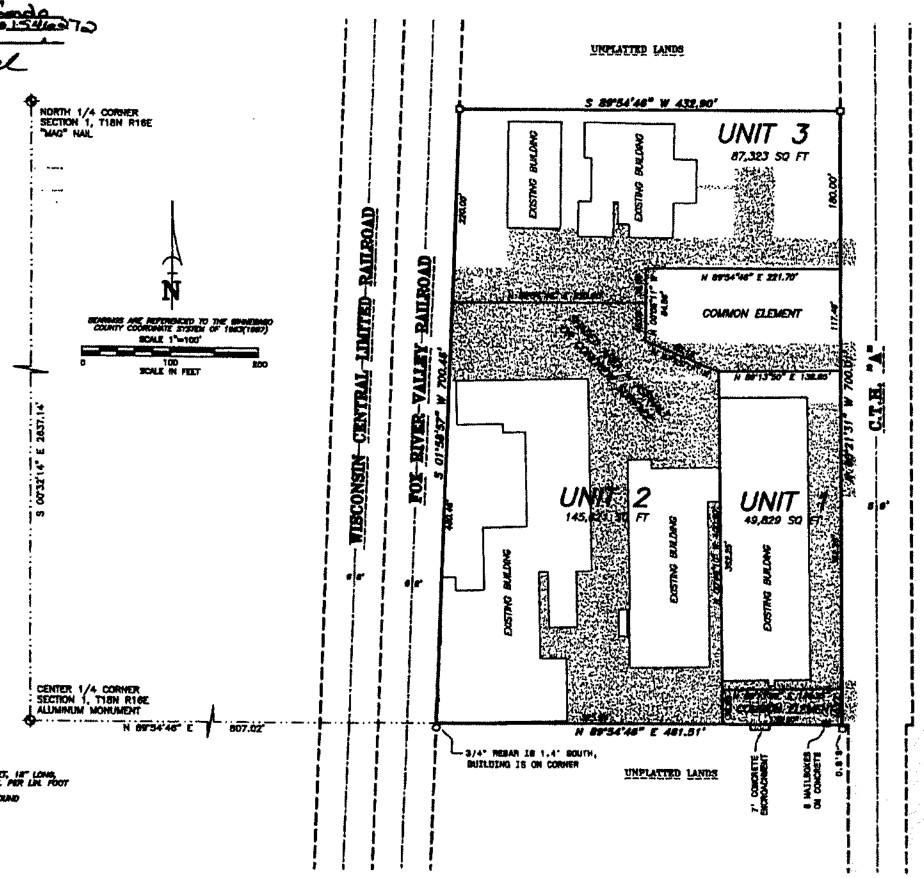
1546272

Register of Deeds Office
Winnebago County, WI
Recorded on August 2, 2010
At 2:41 P.M.
On page 1096 Doc.# 1546272
Register of Deeds
Julie Pagel

EXHIBIT "A"

NONWEILER CONDOMINIUM

PARCELS 1 AND 2 OF CERTIFIED SURVEY MAP 233, AND PART OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 1, TOWNSHIP 18 NORTH, RANGE 16 EAST, IN THE 15TH WARD, CITY OF OSHKOSH, WINNEBAGO COUNTY, WISCONSIN.



LEGEND

- ■ 1-1/4" O.D. IRON PIPE SET, 18" LONG, WEIGHING 1.130 LBS. PER LIN. FOOT
- ⊡ 1-1/4" O.D. IRON PIPE FOUND
- ⊙ 3/4" REBAR FOUND
- ◈ GOVERNMENT CORNER
- —x—x— FENCE LINE
- ( ) RECORDED AS

DESCRIPTION

PARCEL 1 AND 2 OF CERTIFIED SURVEY MAP 233, AND PART OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 SECTION 1, T18N, R16E, IN THE 15TH WARD, CITY OF OSHKOSH, WINNEBAGO COUNTY, WISCONSIN, DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTH 1/4 CORNER OF SAID SECTION 1; THENCE SOUTH 00 DEGREES 32 MINUTES 14 SECONDS EAST 2837.14 FEET, ALONG THE WEST LINE OF THE NORTHEAST 1/4 OF SAID SECTION 1; THENCE NORTH 89 DEGREES 54 MINUTES 46 SECONDS EAST 807.02 FEET, ALONG THE SOUTH LINE OF THE SAID NORTHEAST 1/4, TO THE POINT OF BEGINNING; THENCE NORTH 89 DEGREES 54 MINUTES 46 SECONDS EAST 461.51 FEET, ALONG THE SOUTH LINE OF SAID NORTHEAST 1/4; THENCE NORTH 00 DEGREES 21 MINUTES 31 SECONDS WEST 700.01 FEET, ALONG THE WEST RIGHT-OF-WAY LINE OF C.T.H. "A"; THENCE SOUTH 89 DEGREES 54 MINUTES 49 SECONDS WEST 432.90 FEET; THENCE SOUTH 01 DEGREES 58 MINUTES 57 SECONDS WEST 700.46 FEET, ALONG THE EAST RIGHT-OF-WAY LINE OF THE FOX RIVER VALLEY RAILROAD, TO THE POINT OF BEGINNING, CONTAINING 7.19 ACRES/313,044 SQ FT.

NOTES:

1. COMMON ELEMENTS ARE ALL AREAS WITHIN THE CONDOMINIUM AND OUTSIDE OF THE UNITS.
2. REFER TO THE DECLARATION OF CONDOMINIUM FOR DESCRIPTION OF COMMON ELEMENTS.

I, JAMES E. SMITH, IN ACCORDANCE WITH STATE STATUTE 703.365, DO HEREBY CERTIFY THAT I HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY AND THAT THIS SURVEY IS AN ACCURATE REPRESENTATION OF THE EXTERIOR BOUNDARY LINES AND LOCATION OF THE BUILDINGS AND IMPROVEMENTS CONSTRUCTED UPON THE PROPERTY.

THIS CONDOMINIUM IS A CORRECT AS-BUILT SURVEY OF NONWEILER CONDOMINIUM SHOWING ALL BUILDING AREAS AND PAVED SURFACES ON THIS CONDOMINIUM PLAT, AT THE DATE HEREOF, AND THE IDENTIFICATION AND LOCATION OF EACH UNIT AND THE COMMON ELEMENTS CAN BE DETERMINED FROM THE PLAT.

James E. Smith 7-30-10
JAMES E. SMITH RLS S-1803 DATE

WISCONSIN JAMES E. SMITH S-1803 WINNECONNE WI LAND SURVEYOR

CITY OF OSHKOSH APPROVAL
This condominium plat was approved by the City of Oshkosh, Winnebago County, Wisconsin, on this ___ day of ___, 2010.

City of Oshkosh Representative

PREPARED BY
Martenson & Eisele, Inc.
Planning - Surveying - Engineering - Architecture
1377 Midway Road, Menasha, WI 54952
Phone (920) 731-0381 Fax (920) 733-8578

THIS INSTRUMENT DRAWN BY: JCE

FILE NO. 1-1949-002
SHEET 1 OF 1

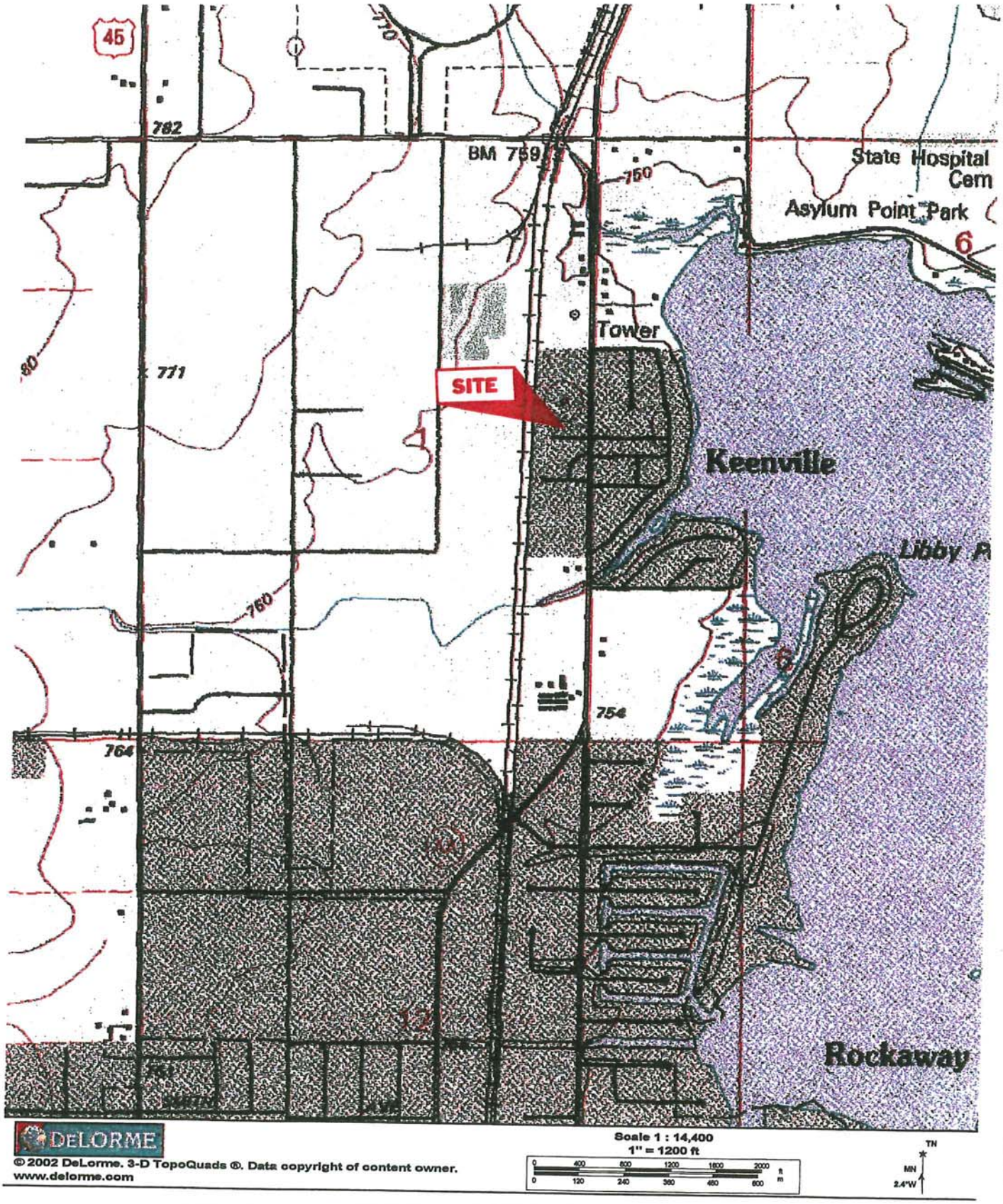
#1546273

1096

June 2, 2011

As a representative for the responsible party for the soil and groundwater contamination at the Nonweiler Investments LLC property, I believe that the attached legal description describes the property that is within, or partially within, the contaminated site boundary.

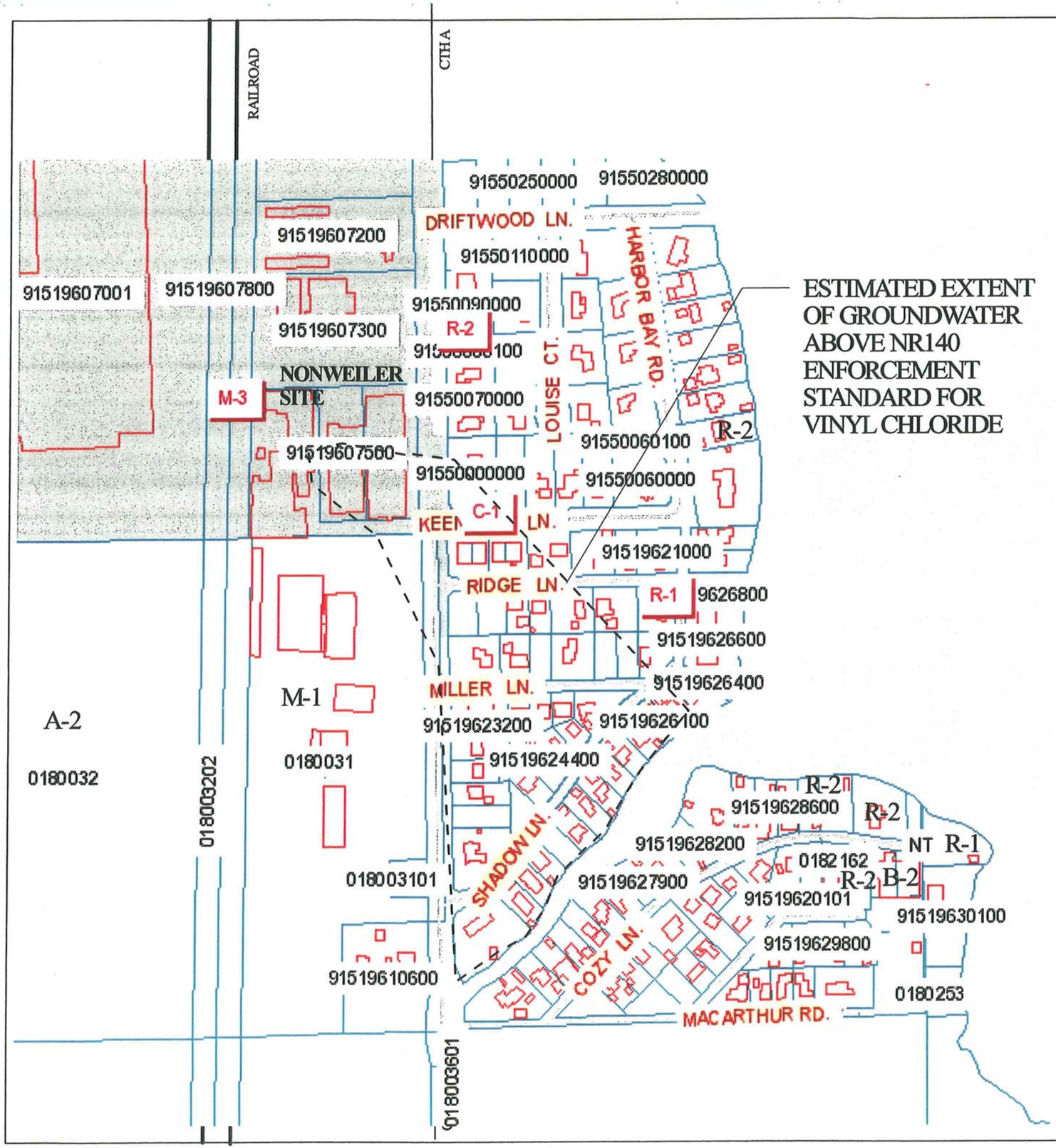
Mr. Mark Nonweiler
Nonweiler Investments LLC



SOURCE: 3-D TopoQuads, DeLorme, 2002,
enlargement from USGS 7.5 minute topographic map series

-N-

SITE LOCATION AND LOCAL TOPOGRAPHY				ALPHA TERRA SCIENCE
A.P. Nonweiler Co - Oshkosh, WI				
REV	DATE	DESCRIPTION	APPVD	
				DATE: 7/18/05 — DWG #:.. sitelocation
SCALE 1:14,400				APPROVED: KAE — FIGURE 1



ESTIMATED EXTENT OF GROUNDWATER ABOVE NR140 ENFORCEMENT STANDARD FOR VINYL CHLORIDE

LEGEND

- Road Centerline
- County Parcels
- Pool Lakes

Zoning

- [A-1] Light Agricultural Dist.
- [A-2] General Agricultural Dist.
- [C-1] Neighborhood Business Dist.
- [C-1PD] NBD Planned Development
- [C-2] General Commercial Dist.
- [C-2PD] GCD Planned Development
- [C-3] Central Commercial Dist.
- [C-3DO] CCD Downtown Overlay
- [C-3PD] CCD Planned Development
- [M-1] Light Industrial Dist.
- [M-1PD] LID Planned Development
- [M-2] Central Industrial Dist.
- [M-2DO] CID Downtown Overlay
- [M-2PD] CID Planned Development
- [M-3] General Industrial Dist.
- [M-3PD] GID Planned Development
- [R-1] Single Family Residence Dist.
- [R-1C] Single Family Central Residence Dist.
- [R-1LO] SFRD Lakeshore Overlay
- [R-1PD] SFRD Planned Development
- [R-2] Two Family Residence Dist.
- [R-2PD] TFRD Planned Developnen
- [R-3] Multiple Dwelling Dist.
- [R-3PD] MDD Planned Development
- [R-4] Multiple Dwelling Dist.
- [R-4PD] MDD Planned Development
- [R-5] Multiple Dwelling Dist.
- [R-5PD] MDD Planned Development

-N-

COUNTY ZONING ADDED
B-2 Commuity Business

0 300 FEET

TITLE: ZONING MAP AND AFFECTED OFF-SITE PROPERTIES

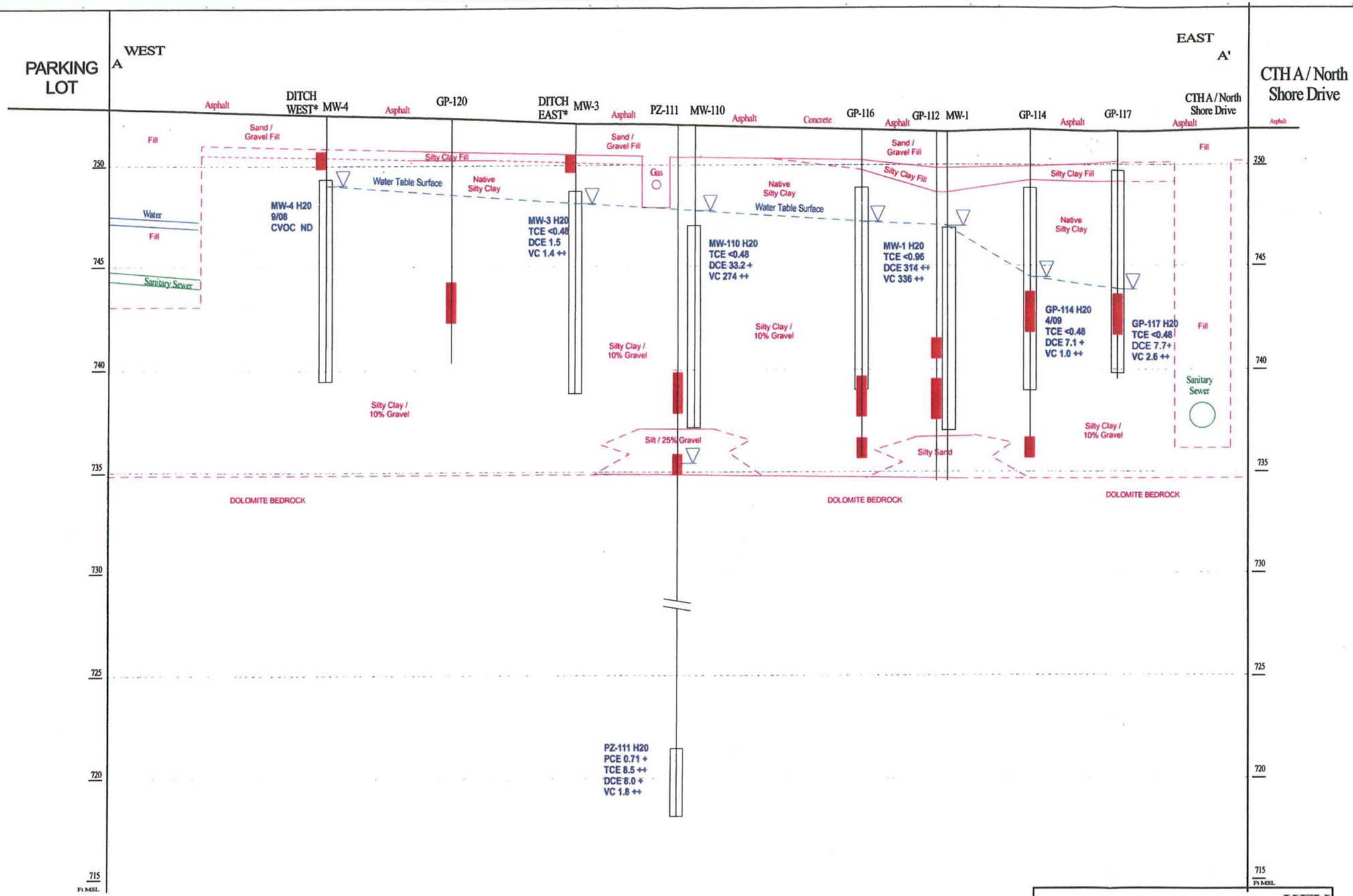
SITE: NONWEILER - OSHKOSH, WI

SCALE: 1" = 300' | ATS PROJECT NUMBER: NON 2006-01 | DATE: 5/31/11 | DWG # Area Wells.skf

REV: | DATE: | DESCRIPTION: | APPVD.: | DRAWN BY: KAE

ALPHA TERRA SCIENCE

FIGURE 3



SCALE : Horizontal 1 " = 30 ft
Vertical 1" = 5 ft

Title: GEOLOGIC CROSS SECTION A-A' POST-REMEDIATION	ALPHA TERRA SCIENCE
Project: NONWEILER INVESTMENTS LLC, OSHKOSH, WI	Fig #: See Figure / Dwg #: 5A
Client: NONWEILER	Drawn By: KAE / Date: May 31, 2011

KEY

Water Chemistry (ug/l)
PCE: Tetrachloroethene
DCE : Cis 1,2 Dichloroethene
TCE: Trichloroethene
VC : Vinyl Chloride
++ : Exceeds NR 140 ES value
+ : Exceeds NR 140 PAL value

MW-4 — Borehole or Monitoring Well Location
Screened Interval
Water Level 10/3/05
Investigation
Soil Sample

* Projected Onto Cross Section

GEOLOGIC CONTACT, ESTIMATED
GEOLOGIC CONTACT, INFERRED

Groundwater chemistry from April 2011 unless indicated
CVOC ND = No detect for Chlorinated VOC's

NORTH
B

Former Degreasing Tank (Location Estimated)

FORMER THILL COMPANY

SOUTH
B'

GP-122 | TW-1 (ECCI) | GP-121 | GP-113 | GP-112 | MW-1 | GP-115 | P-1 (CR) | MW-1 (CR) | GP-119

Concrete | Concrete | Asphalt | Asphalt | Grass | Grass | Grass | Grass | Asphalt

CTH A / North Shore Drive

CTH A / North Shore Drive

Sand Fill | Sand Fill | Sandy Silt Fill | Sandy Clay Fill | Fill | Sand / Gravel Fill | Silty Clay / Gravel Fill | Native Silt | Native Silty Clay | Fill (Gas) | Native Silt | Native Silty Clay | Native Silt | Fill

Water Table Surface

Native Silty Clay | Native Silty Clay | Native Silty Clay | Water Table Surface

Fill (Water) | Sanitary Sewer

GP-122 H20
TCE <0.48
DCE 0.91
VC 1.9 ++

TW-1 (ECCI) H20
TCE <0.48
DCE <0.83
VC 1.5 ++

GP-121 H20
TCE 3.9 +
DCE 117 ++
VC 87 ++

GP-113 H20
TCE <0.48
DCE 17.7 +
VC 11.3 ++

MW-1 H20
TCE <0.96
DCE 314 ++
VC 336 ++

GP-115 H20
TCE <0.48
DCE 32.5 +
VC 40.0 ++

MW-1 DNR H20
TCE 606 ++
DCE 639 ++
VC 34 ++

P-1 (DNR) H20
12/10
CVOC ND

Silty Clay / 10% Gravel | Silty Clay / 10% Gravel | Silty Clay / 10% Gravel | Silty Clay / 10% Gravel | Silty Clay / 10% Gravel | Fill | Sanitary Sewer

Silty Sand

DOLOMITE BEDROCK | DOLOMITE BEDROCK | DOLOMITE BEDROCK

750	750
745	745
740	740
735	735
730	730
725	725
720	720
715 Ft MSL	715 Ft MSL

SCALE : Horizontal 1 " = 20 ft
Vertical 1" = 5 ft

Title: POST-REMEDIATION
NORTH / SOUTH CROSS SECTION B-B'

Project: NONWEILER INVESTMENTS LLC, OSHKOSH, WI

Client: NONWEILER

ALPHA TERRA SCIENCE

Fig: See Figure	Fig #: 6A
Drawn By: KAE	Date: May 31, 2011

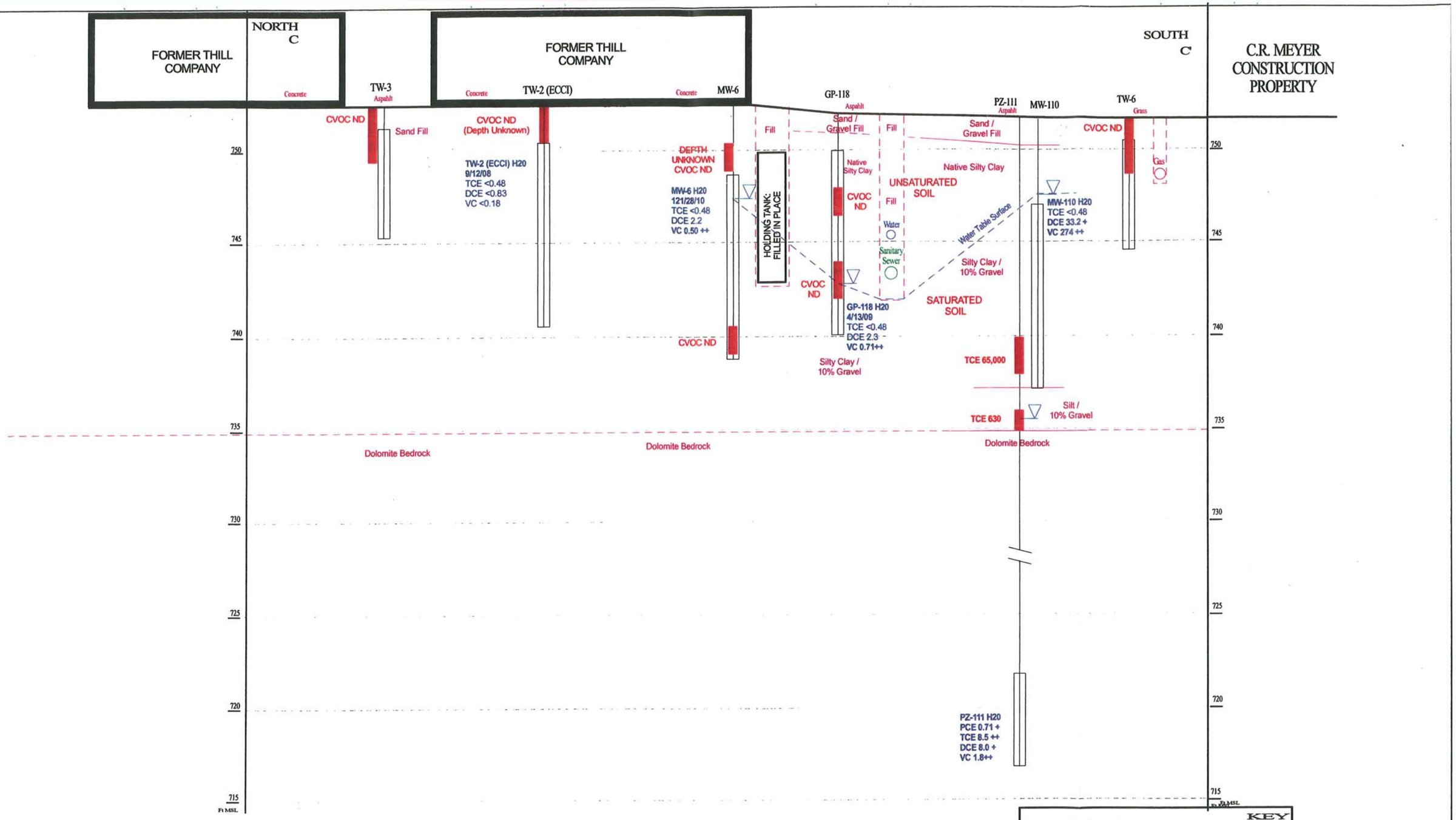
KEY

Water Chemistry (ug/l)
DCE : Cis 1,2 Dichloroethene
TCE: Trichloroethene
VC : Vinyl Chloride
++ : Exceeds NR 140 ES value
+ : Exceeds NR 104 PAL value

MW-1 — Borehole or Monitoring Well Location
Screened Interval
Water Level 10/3/05
Soil Sample

GEOLOGIC CONTACT, ESTIMATED
GEOLOGIC CONTACT, INFERRED

Groundwater chemistry from April 12, 2011 unless Indicated otherwise
CVOC ND = No detect for Chlorinated VOC's



SCALE : Horizontal 1 " = 20 ft
Vertical 1" = 5 ft

Title: POST-REMEDIATION NORTH / SOUTH CROSS SECTION C-C'	
Project: NONWEILER INVESTMENTS LLC, OSHKOSH, WI	
Client: NONWEILER	
ALPHA TERRA SCIENCE	
Scale: See Figure	Dwg #: FIGURE 7A
Designed: KAE	Date: May 31, 2011

KEY

Water Chemistry (ug/l)
PCE Tetrachloroethene
DCE : Cis 1,2 Dichloroethene
TCE: Trichloroethene
VC : Vinyl Chloride
++ : Exceeds NR 140 ES value
+ : Exceeds NR 104 PAL value

MW-110 Borehole or Monitoring Well Location
Screened Interval
Water Level 10/3/05
Soil Sample

Soil Chemistry (ug/kg)
TCE : Trichloroethene
DCE : cis-1,2-Dichloroethene

GEOLOGIC CONTACT, ESTIMATED
GEOLOGIC CONTACT, INFERRED

Groundwater chemistry from April 12, 2011 unless Indicated otherwise

CVOC ND = No detect for Chlorinated VOC's

APPROXIMATE PROPERTY LINE

FORMER
WISCONSIN ORDNANCE

MW-4 DNR

Grass

TB-1

TB-2

TB-3

APPROXIMATE PROPERTY LINE

RAILROAD TRACKS

RAILROAD RIGHT-OF-WAY

Asphalt

SHALLOW GROUNDWATER FLOW 4/11

MW-5

Asphalt

Misc. Combustible Storage

GRAB #1

TB-8

TB-21

TB-7

TW-4

Pond (Fire Fighting Sprinker System Water)

Asphalt

A.P. NONWEILER CO.

APPROXIMATE PROPERTY LINE

Nitrocellulose Shed

B-12
B-14
TB-9

COURTYARD: Former UST Investigation Area

Blower

Warehouse

Asphalt

TB-5

TW-2

FORMER THILL CO 3341

TB-22

B-4

MW-B
MW-B
B-3

B-16

Dock

TW-8

CORRIM DOOR 3331

B-5

MW-A
PZ-A

TB-10

Pump House

B-15
B-18
B-1
B-2
B-13

TCE <0.48
cis DCE <0.83
VC <0.18

B-17 / MW-C (N)
TCE <0.48
cis DCE <0.83
VC 0.51**
M 169

GP-122
TCE <0.48
cis DCE 0.91
VC 1.9**
M 82

TW-3

TW-1 (ECCI)
TCE <0.48
cis DCE <0.83
VC 1.5**
M 239

Asphalt

Manufacturing

B-6

TB-11

B-7

A.P. NONWEILER CO. 3321

Asphalt

VC 20

GP-121
TCE 3.9*
cis DCE 117**
VC 87**
M 4020

TW-2 (ECCI)

MW-2

TW-7

TB-6

MW-6

ENTRANCE

TW-1

GP2

GP-118

GP-113
TCE <0.48
cis DCE 17.7
VC 11.3**
M 73.3

TB-4

GP1

Solvent / Resin Dry Storage

Storage

Offices and Lab

TCE 5

VC 200

MW-4

DRIVEWAY

GP-120

MW-3

PZ-111

MW-110

GP-116

GP-112

MW-1

GP-114

GP-117
TCE <0.48
cis DCE 7.7*
VC 2.6**
M 21.4

Asphalt

TCE <0.48
cis DCE 1.5
VC 1.4**
M 8890

TCE <0.48
cis DCE <0.83
VC 0.92**
M 5150

TCE <0.48
cis DCE 33.2*
VC 27.5*
M 5520

TCE <0.48
cis DCE 314**
VC 33.5*
M 11200

GP-115
TCE <0.48
cis DCE 32.5*
VC 40.0**
M 7530

TB-12

APPROXIMATE PROPERTY LINE

TW-5

TW-6

Ditch West

Ditch East

I-94

P-1 DNR

TCE 500

MW-1 DNR
TCE 606**
cis DCE 639**
VC 34**
M 482

GP-119

Concrete

2-94

TB-23

PZ-113

MW-112
TCE <0.48
cis DCE <0.83
VC <0.18
M 5

VC 20

TCE 50

C.R. MEYER CONSTRUCTION

5-94

RESIDENTIAL

CTH A / NORTH SHORE DRIVE

KEENVILLE LANE

RIDGE LANE

STEVEN LEE LOT

MW-114
TCE 13.6**
cis DCE 44.2*
VC 5.8**
M 22

PZ-115

RESIDENTIAL

LEGEND

- MW-3 EXISTING NR-141 WELL OR PIEZOMETER
- TB-6 SOIL BORING
- TW-6 FORMER BORING / TEMPORARY WELL (Solid Is Abandoned)

Groundwater Chemistry Results (ug/l)
Sample Date if Not 4/12/11
Trichloroethene
cis 1,2-Dichloroethene
Vinyl Chloride
Methane
* : Exceeds NR140 Preventive Action Limit Standard
** Exceeds NR140 Enforcement Standard

TCE <0.48
cis DCE <0.83
VC <0.18
M 5

TCE 50 TCE ISOCONTOUR (ug/l)

VC 200 VC ISOCONTOUR (ug/l)

N

25 0 60

SCALE 1 INCH = 60 FEET

Nonweiler Investments - Oshkosh, WI

GROUNDWATER CHEMISTRY
APRIL 12, 2011

REV	DATE	DESCRIPTION	APPVD

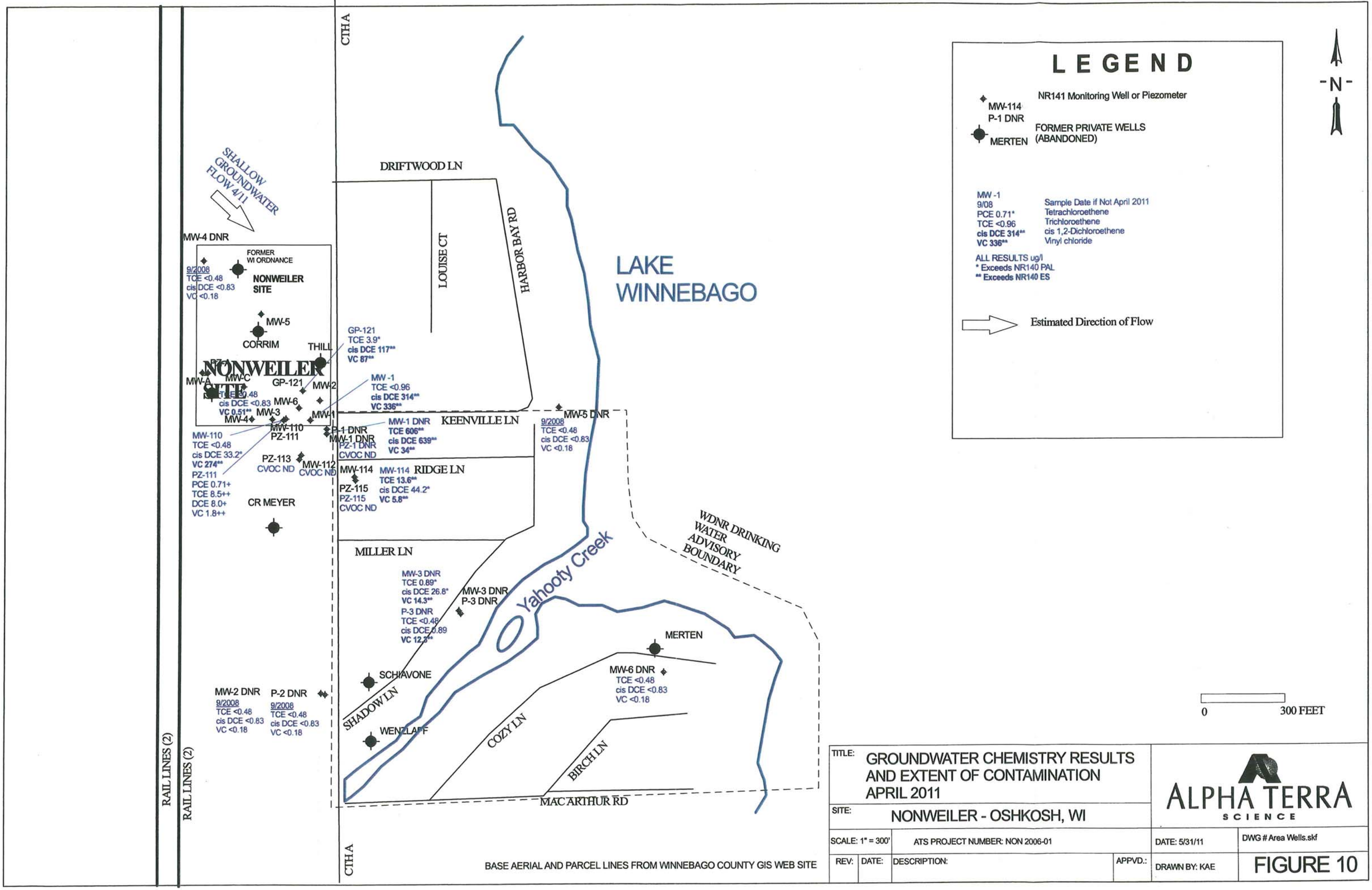
ALPHA TERRA SCIENCE

DATE: 5/31/11

APPROVED: KAE

DWG #... Site Map(1=60).dwf

FIGURE 9



LEGEND

MW-114 / P-1 DNR — NR141 Monitoring Well or Piezometer

MERTEN — FORMER PRIVATE WELLS (ABANDONED)

MW -1
9/08 — Sample Date if Not April 2011
PCE 0.71* — Tetrachloroethene
TCE <0.96 — Trichloroethene
cis DCE 314** — cis 1,2-Dichloroethene
VC 336** — Vinyl chloride

ALL RESULTS ug/l
* Exceeds NR140 PAL
** Exceeds NR140 ES

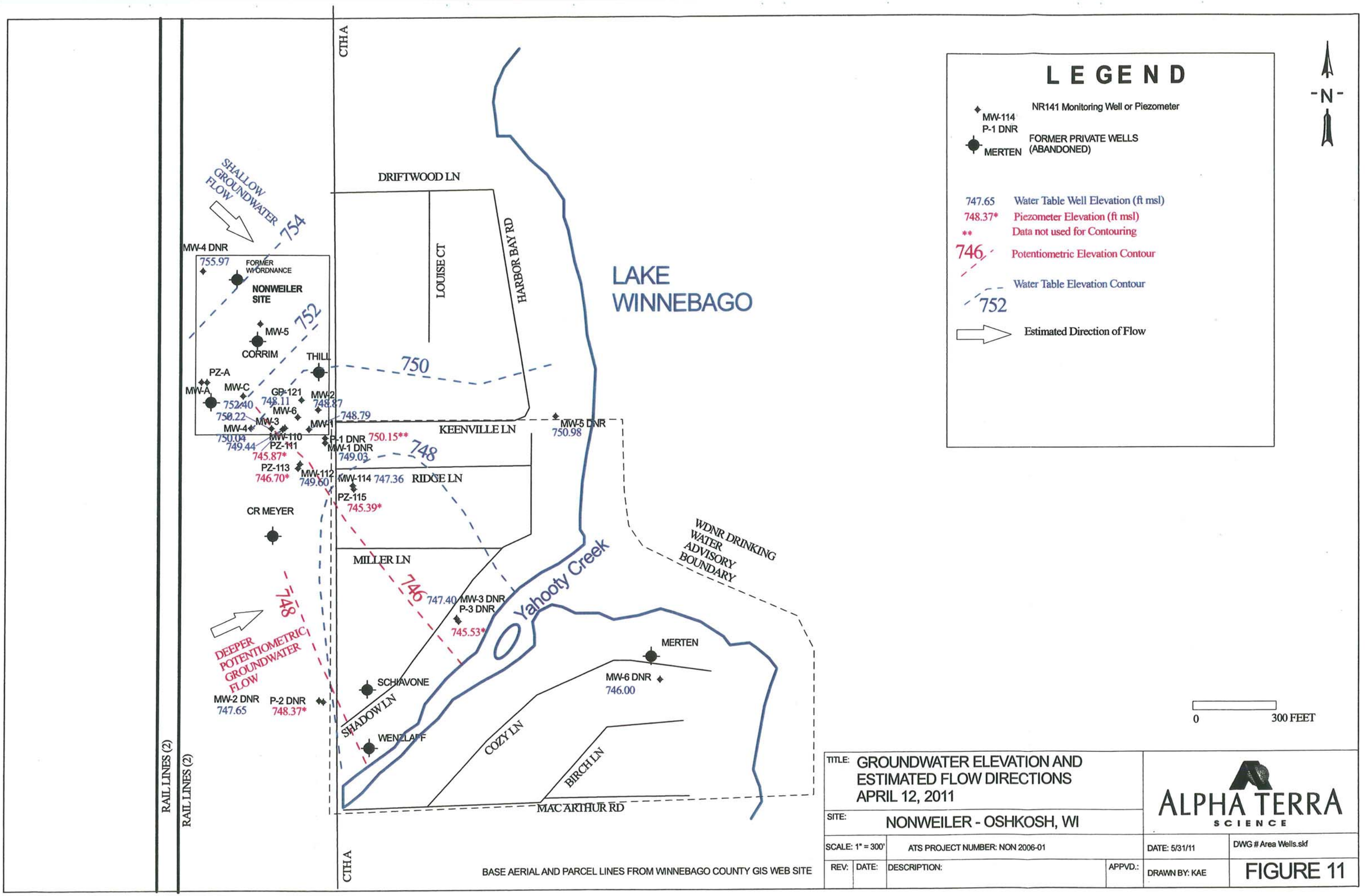
Estimated Direction of Flow

N

0 300 FEET

BASE AERIAL AND PARCEL LINES FROM WINNEBAGO COUNTY GIS WEB SITE

TITLE: GROUNDWATER CHEMISTRY RESULTS AND EXTENT OF CONTAMINATION APRIL 2011					ALPHA TERRA SCIENCE
SITE: NONWEILER - OSHKOSH, WI					
SCALE: 1" = 300'	ATS PROJECT NUMBER: NON 2006-01			DATE: 5/31/11	DWG # Area Wells.skf
REV:	DATE:	DESCRIPTION:	APPVD.:	DRAWN BY: KAE	FIGURE 10



TITLE: GROUNDWATER ELEVATION AND ESTIMATED FLOW DIRECTIONS APRIL 12, 2011					ALPHA TERRA SCIENCE
SITE: NONWEILER - OSHKOSH, WI					
SCALE: 1" = 300'	ATS PROJECT NUMBER: NON 2006-01			DATE: 5/31/11	DWG # Area Wells.skf
REV:	DATE:	DESCRIPTION:	APPVD.:	DRAWN BY: KAE	FIGURE 11

TABLE 2 SOIL CHEMISTRY ANALYTICAL RESULTS													
SITE INVESTIGATION DATA: PRE-REMEDIATION													
NONWEILER INVESTIGATION, OSHKOSH, WI													
					Chlorinated VOCs								
Sample ID	Location	Depth (feet)	Date	PID Reading (su)	**cis-1,2 DCE** (ug/kg)	trans-1,2 DCE (ug/kg)	111-Tri Chloro ethane (ug/kg)	**PCE** (ug/kg)	**TCE** (ug/kg)	**TCLP TCE** (mg/l)	Vinyl Chloride (ug/kg)	Total Organic Carbon (mg/kg)	Other
NONWEILER FORMER UST AREA IN COURTYARD													
Grab # 1	NW Corner of Pond	0-1'			ND	ND	ND	ND	ND	NA	ND	NA	
B-1	SE by Bldg	7-9'	1997	>2000	ND	ND	ND	ND	ND	NA	ND	NA	
B-1	SE by Bldg	11-13'	1997	48.9	ND	ND	ND	ND	ND	NA	ND	NA	
B-2	S by Bldg	9-10'	1997	>2000	ND	ND	ND	ND	ND	NA	ND	NA	
B-2	S by Bldg	13-15'	1997	61.7	ND	ND	ND	ND	ND	NA	ND	NA	
B-3	E by Bldg	1-3'	1997	145.9	ND	ND	ND	ND	ND	NA	ND	NA	
B-3	E by Bldg	3-5'	1997	17.9	ND	ND	ND	ND	ND	NA	ND	NA	
B-3	E by Bldg	11-13'	1997	34.6	ND	ND	ND	ND	ND	NA	ND	NA	
B-4	W in Courtyard	7-9'	1997	48.0	ND	ND	ND	ND	ND	NA	ND	NA	
B-4	W in Courtyard	9-11'	1997	10.5	ND	ND	ND	ND	ND	NA	ND	NA	
B-5	SW in Courtyard	3-5'	1997	3.7	ND	ND	ND	ND	ND	NA	ND	NA	
TB-8	Courtyard of Nonweiler	0-6	1998	ND	ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-8	Courtyard of Nonweiler		1998	ND	NA	NA	NA	NA	NA	NA	NA	NA	
TB-10	Courtyard of Nonweiler	0-6	1998	ND	ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-10	Courtyard of Nonweiler	6-11	1998	ND	ND	ND	3	0.5	1	NA	ND	NA	Field GC
TB-10	Courtyard of Nonweiler	9-11	1998	ND	ND	ND	ND	ND	ND	NA	ND	NA	Lab
EAST OF NONWEILER BUILDING													
B-6	W in Courtyard	1-3	1997	18.8	ND	ND	ND	ND	ND	NA	ND	NA	
B-7	W in Courtyard	9-11	1997	10.0	ND	ND	ND	110	ND	NA	ND	NA	
B-7	SW in Courtyard	11-12	1997	3.9	ND	ND	ND	ND	ND	NA	ND	NA	
TB-11	E at Nonweiler	0-6	1998		ND	ND	ND	ND	ND	NA	ND	NA	
NORTH BORINGS													
TB-1	N of Nonweiler Bldg		1998	ND	NA	NA	NA	NA	NA	NA	NA	NA	
TB-2	N of Former Thill Bldg		1998	ND	NA	NA	NA	NA	NA	NA	NA	NA	
TB-21	NW of Former Thill		1998	ND	NA	NA	NA	NA	NA	NA	NA	NA	
MW-5	NW of Corrim		2003		NA	NA	NA	NA	NA	NA	NA	NA	
TW-4	NW of Corrim	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
INSIDE FORMER THILL BUILDING													
MW-6	S Dock Door	?	2004		ND	ND	ND	ND	ND	NA	ND	NA	
MW-6	S Dock Door	12-13.5	2004		ND	ND	ND	ND	ND	NA	ND	NA	
TW-2 ECCI	SW Corner	?	2004		ND	ND	ND	ND	ND	NA	ND	NA	
GP-121	By Office, E Bldg	3.2-4.5'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-121	By Office, E Bldg	15-16'	9/8/2005	1.3	**670**	<25	<25	<25	**61**	NA	<25	NA	
GP-122	Center East of Bldg	4-5'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-122	Center East of Bldg	15-16'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	

TABLE 2 SOIL CHEMISTRY ANALYTICAL RESULTS													
SITE INVESTIGATION DATA: PRE-REMEDIATION													
NONWEILER INVESTIGATION, OSHKOSH, WI													
					Chlorinated VOCs								
Sample ID	Location	Depth (feet)	Date	PID Reading (su)	cis-1,2 DCE (ug/kg)	trans-1,2 DCE (ug/kg)	111-Tri Chloro ethane (ug/kg)	PCE (ug/kg)	TCE (ug/kg)	TCLP TCE (mg/l)	Vinyl Chloride (ug/kg)	Total Organic Carbon (mg/kg)	Other
AROUND CORRIM DOOR AND FORMER THILL BUILDINGS													
TB-4	SE Corner Former Thill	16-18	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-5	N End of Alley Thill and Corrim	0-6	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-6	S End of Alley Thill and Corrim		1998	ND	NA	NA	NA	NA	NA	NA	NA	NA	
TB-7	E of Former Thill	0-6	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-7	E of Former Thill	6-9	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-22A	E of Former Thill in Ditch	0-6	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-22A	E of Former Thill in Ditch	6-8	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-22B	E of Former Thill in Ditch	8-10	1998		ND	ND	ND	ND	ND	NA	ND	NA	
TB-22	E of Former Thill in Ditch	17-18.5	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TW-1	SE Corner of Former Thill	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
TW-2	N End of Alley Thill and Corrim	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
TW-3	S End of Alley Thill and Corrim	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
TW-6	S of Alley in Ditch	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
TW-7	SW corner Corrim	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
TW-8	W of Corrim	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
GP-1	SE of Holding Tank	7.5-8'	1999	ND	ND	ND	ND	ND	ND	NA	ND	NA	Refusal 12-14'
GP-1	SE of Holding Tank	10-12'	1999	ND	ND	ND	ND	ND	ND	NA	ND	NA	Refusal 12-14'
GP-2	W of Holding Tank	2-4'	1999	ND	ND	ND	ND	ND	ND	NA	ND	NA	Refusal 12-14'
GP-2	W of Holding Tank	8-10'	1999	ND	ND	ND	ND	ND	ND	NA	ND	NA	Refusal 12-14'
MW-1	S of Former Thill	3-7'	2000	10 to 21	NA	NA	NA	NA	NA	NA	NA	NA	
MW-1	S of Former Thill	7-9'	2000	154	NA	NA	NA	NA	NA	NA	NA	NA	
MW-1	S of Former Thill	9-11'	2000	3.0	NA	NA	NA	NA	NA	NA	NA	NA	
MW-1	S of Former Thill	11-17'	2000	ND	NA	NA	NA	NA	NA	NA	NA	NA	
MW-2	SE of Former Thill	0-17'?	2000	ND	NA	NA	NA	NA	NA	NA	NA	NA	
MW-3	Driveway		2003		NA	NA	NA	NA	NA	NA	NA	NA	
MW-4	Driveway		2003		NA	NA	NA	NA	NA	NA	NA	NA	

TABLE 2 SOIL CHEMISTRY ANALYTICAL RESULTS
SITE INVESTIGATION DATA: PRE-REMEDIATION
NONWEILER INVESTIGATION, OSHKOSH, WI

					Chlorinated VOCs								
Sample ID	Location	Depth (feet)	Date	PID Reading (su)	**cis-1,2 DCE** (ug/kg)	trans-1,2 DCE (ug/kg)	111-Tri Chloro ethane (ug/kg)	**PCE** (ug/kg)	**TCE** (ug/kg)	**TCLP TCE** (mg/l)	Vinyl Chloride (ug/kg)	Total Organic Carbon (mg/kg)	Other
AROUND CORRIM DOOR AND FORMER THILL BUILDINGS													
GP-112	Next to MW-1	10-11'	9/8/2005	254	<250	<250	<250	<250	**73,000**	**0.59**	<250	NA	
GP-112	Next to MW-1	12-14'	9/8/2005	1.9	<25	<25	<25	<25	**43**	NA	<25	NA	
GP-112	Next to MW-1	16-17'	9/8/2005	0.0	**64**	<25	<25	<25	**910**	NA	<25	NA	
GP-113	S by Former Thill in Planter	8-10'	9/9/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-113	S by Former Thill in Planter	11-12'	9/9/2005	0.0	NA	NA	NA	NA	NA	NA	NA	1600	
GP-114	25' E of MW-1	8-10'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-114	25' E of MW-1	15-16'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-115	S of MW-1	12-14'	9/9/2005	535	<1200	<1200	<1200	<1200	**240,000**	**2.2**	<1200	NA	
GP-115	S of MW-1	15-16'	9/9/2005	79	<120	<120	<120	<120	**30,000**	NA	<120	NA	
GP-116	25' W of MW-1	12-14'	9/8/2005	56	<62	<62	<62	<62	**16,000**	0.10	<62	NA	
GP-116	25' W of MW-1	15-16'	9/8/2005	0.0	<25	<25	<25	<25	**97**	NA	<25	NA	
GP-117	50' E of MW-1	8-10'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-118	S by Former Thill Door	4-5.5	9/9/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-118	S by Former Thill Door	8-10	9/9/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-120	W of MW-3	8-10	9/9/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-120	W of MW-3	11-12	9/9/2005	0.0	NA	NA	NA	NA	NA	NA	NA	7200	
PZ-111	S of Alley between Corrim and Former Thill	12-14	9/9/2005	663	<250	<250	<250	<250	**65,000**	NA	<250	NA	
PZ-111	S of Alley between Corrim and Former Thill	16-17.1	9/9/2005	5.4	<25	<25	<25	<25	**630**	NA	<25	1600	
Ditch East	S Ditch S of MW-3	0-1' ?	2003	0.0	ND	ND	ND	ND	ND	NA	ND	NA	
Ditch West	S Ditch S of MW-4	0-1' ?	2003	0.0	ND	ND	ND	ND	ND	NA	ND	NA	

TABLE 2 SOIL CHEMISTRY ANALYTICAL RESULTS
SITE INVESTIGATION DATA: PRE-REMEDIATION
NONWEILER INVESTIGATION, OSHKOSH, WI

					Chlorinated VOCs								
Sample ID	Location	Depth (feet)	Date	PID Reading (su)	**cis-1,2 DCE** (ug/kg)	trans-1,2 DCE (ug/kg)	111-Tri Chloro ethane (ug/kg)	**PCE** (ug/kg)	**TCE** (ug/kg)	**TCLP TCE** (mg/l)	Vinyl Chloride (ug/kg)	Total Organic Carbon (mg/kg)	Other
CR MEYER PROPERTY													
TW-5	SE of Nonweiler in Ditch	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
2-94	East on CR Meyer	2'			ND	ND	ND	ND	ND	NA	ND		Acetone 140
TB-12	S of Nonweiler	0-5	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-13	Center on CR Meyer	0-6	1998		ND	ND	ND	ND	2	NA	ND	NA	Field GC
TB-23	E of CR Meyer	8-10	1998		**260**	ND	ND	ND	**850**	NA	ND	NA	
MW-1 CR	NE Corner CR Meyer		1996						**280**	NA			280 Total VOCs
GP-119	ROW - S of MW-1CR	10-12'	9/8/2005	20	**370**	<25	<25	<25	**6,700**	NA	<25	NA	
GP-119	ROW - S of MW-1CR	14-16'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	2900	
PZ-113	CR Meyer	2-4'	12/6/2006	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
PZ-113	CR Meyer	10-11.5'	12/6/2006	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
OFF-SITE TO EAST													
PZ-115	Steven Lee Vacant Lot	2-4'	10/23/2006		<25	<25	<25	<25	<25	NA	<25	NA	
PZ-115	Steven Lee Vacant Lot	8-10'	10/23/2006		<25	<25	<25	<25	<25	NA	<25	NA	
AVERAGE TOTAL ORGANIC CARBON												3325	
WDNR PUBL 682 GENERIC AND CALCULATED SOIL RESIDUAL CONTAMINANT LEVELS													
Direct Contact : Industrial Inhalation					1,300,000	NS	NS	33,000	**14,000**	NA	NS	NS	
Direct Contact : Industrial Ingestion					156,000	NS	NS	55,000	260,000	NA	NS	NS	
Soil Saturation Concentration					1,300,000	3,200,000	NA	240,000	1,300,000	NA	1,200,000	NS	
Site Specific Migration to Groundwater					**39**	NA	NA	**7.6**	**7.5**	NA	NA	NS	
Generic Migration to Groundwater					27	98	280	4.1	3.7	NA	0.13	NS	
Federal TCLP Limit for Characteristic Hazardous Waste										**0.5**		NS	

Notes: NS = No standard established

NA = Not analyzed for parameter

BOLD and BOXED indicates exceedance of direct contact soil residual contaminant level.

BOLD indicates exceedance of migration to groundwater soil residual contaminant level

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			**0.5**	**0.5**	**7**	**20**	**85**	**0.02**	NS	NS	NS
NR 140.10 ES			**5**	**5**	**70**	**100**	**850**	**0.2**	NS	NS	NS
UPGRADIENT OF FORMER THILL BUILDING											
MW-4 DNR	NW on Wi Ordnance Site	9/7/1997	<1	<1	<1	Incl	ND	<1	NA	NA	NA
MW-4 DNR		10/19/1997	<1	<0.5	<1	Incl	ND	<1	NA	NA	NA
MW-4 DNR		10/4/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
MW-4 DNR		9/15/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
			ABANDONED BY WDNR IN 2011								
MW-5	NW of Thill	4/17/2003	<0.17	0.38	<0.22	<0.16	0.32	<0.10	NA	NA	NA
MW-5		10/4/2005	<0.45	<0.48	<0.83	<0.89	2.9	<0.18	NA	NA	NA
MW-5		12/19/2006	<0.50	<0.20	<0.50	<0.50	2.4	<0.20	NA	NA	NA
MW-5		9/15/2008	<0.45	<0.48	<0.83	<0.89	2.1	<0.18	63.5	<1.6	<1.4
			ABANDONED BY NONWEILER IN 2010 FOR BUILDING EXPANSION								
UNDER / NEAR FORMER THILL BUILDING AND IN DRIVEWAY NORTH OF WATER / SEWER LATERAL											
MW-2	E of SE Corner of Thill Bldg	5/23/2000	ND	<0.34	**16**	1.8	2	**4.0**	NA	NA	NA
MW-2		4/17/2003	<0.17	<0.12	**9.0**	<0.16	0.72	**1.4**	NA	NA	NA
MW-2		8/11/2004	<0.45	<0.48	**7.1**	0.97	<0.75	**2.2**	NA	NA	NA
MW-2		10/10/2005	<0.45	<0.48	4.0	<0.89	<0.75	**1.6**	<10	<10	<10
MW-2		12/19/2006	<0.50	<0.20	4.5	<0.50	<0.50	**1.2**	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-2		4/8/2008	<0.45	<0.48	2.5	<0.89	<0.75	**0.77**	NA	NA	NA
MW-2		9/12/2008	<0.45	<0.48	4.0	<0.89	<0.75	**0.99**	448	<1.6	<1.4
MW-2		4/13/2009	<0.45	<0.48	2.1	<0.89	<0.75	**1.80**	670	<1.6	<1.4
MW-2		3/11/2010	<0.45	<0.48	1.2	<0.89	<0.75	<0.18	24	<0.32	<0.47
MW-2		9/2/2010	<0.45	<0.48	2.6	<0.89	NA	**1.9**	89	<0.32	<0.47
MW-2		12/29/2010	<0.45	<0.48	1.7	<0.89	NA	**0.49**	1.4	<0.32	<0.47
MW-6	Inside Thill N of Septic Tank	8/11/2004	<0.45	**1.5**	7.4	<0.89	<0.75	<0.18	NA	NA	NA
MW-6		9/13/2004	<0.45	**1.3**	2.6	<0.89	0.95	**0.18**	NA	NA	NA
MW-6		10/4/2005	<0.45	**0.63**	4.8	<0.89	<0.75	**0.55**	250	<10	<10
MW-6		12/19/2006	<0.50	**1.3**	4.2	<0.50	0.74J	**1.6**	690	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-6		11/19/2007	<0.45	**0.82**	5.5	<0.89	<0.75	**0.51**	180	<10	<10
MW-6		4/8/2008	<0.45	**0.63**	3.3	<0.89	<0.75	**0.48**	NA	NA	NA
MW-6		9/12/2008	<0.45	**0.55**	7.6	<0.89	<0.75	**0.85**	192	<1.6	<1.4
MW-6		4/13/2009	<0.45	<0.48	2.5	<0.89	<0.75	**0.42**	618	<1.6	<1.4
MW-6		3/11/2010	<0.45	<0.48	1.7	<0.89	<0.75	<0.18	1080	1.8	<0.47
MW-6		9/2/2010	<0.45	<0.48	<0.83	<0.89	NA	<0.18	2080	<0.32	<0.47
MW-6		12/28/2010	<0.45	<0.48	2.1	<0.89	NA	<0.18	858	<0.32	<0.47
MW-6 Dup		12/28/2010	<0.45	<0.48	2.2	<0.89	NA	**0.50**	NA	NA	NA
ECCI TW-1	Inside Thill S of Degreaser	8/11/2004	<0.45	**1.5**	4.3	1.6	<0.75	**25**	NA	NA	NA
ECCI TW-1		9/13/2004	<0.45	**2.8**	5.8	1.8	<0.75	**27**	NA	NA	NA
ECCI TW-1		12/19/2006	<0.50	<0.20	1.7	1.0J	1.3J	**53**	NA	NA	NA
		9/11/2008	INJECTION EOS SEPT 2007								
ECCI TW-1		4/8/2008	<0.45	<0.48	0.91	1.8	<0.75	**4.2**	NA	NA	NA
ECCI TW-1		9/12/2008	<0.45	<0.48	1.3	<0.89	<0.75	**3.4**	2930	3.2	4.6
ECCI TW-1		4/13/2009	<0.45	<0.48	2.4	<0.89	0.81	**8.4**	1940	2.6	5.3
ECCI TW-1		4/12/2011	<0.45	<0.48	<0.83	<0.89	<0.75	**1.5**	239	<0.32	<0.47

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			0.5	0.5	7	20	85	0.02	NS	NS	NS
NR 140.10 ES			5	5	70	100	850	0.2	NS	NS	NS
GP-121	Inside Thill near Degreaser	10/4/2005	<0.45	220	180	5.0	<0.75	15	NA	NA	NA
GP-121		12/19/2006	<1.0	24	530	9.5	<1.0	100	NA	NA	NA
		9/11/2008	INJECTION EOS SEPT 2007								
GP-121		4/8/2008	<0.45	1.0	87.6	3.0	<0.75	37.5	NA	NA	NA
GP-121		9/12/2008	<2.2	42.9	729	13.5	<3.8	208.0	3840	88.5	5.3
GP-121		4/13/2009	<0.45	2.5	65.0	3.4	<0.75	43.1	4230	10.0	7.7
GP-121		3/11/2010	<0.45	0.68	43.1	2.1	<0.75	39.1	8300	26.9	5.6
GP-121		9/2/2010	<0.45	4.1	290	13.2	NA	176	5780	52.4	9.0
GP-121		12/28/2010	<0.90	2.5	188	12.2	NA	193	5640	61.9	11.7
GP-121		4/12/2011	<0.90	3.9	117	6.6	<1.5	86.8	4020	42.3	7.5
GP-122	Inside Thill N of TW-1	10/4/2005	<0.45	<0.48	4.2	<0.89	<0.75	1.8	NA	NA	NA
GP-122		12/18/2006	<0.50	<0.20	4.3	<0.50	<0.50	3.8	NA	NA	NA
		9/11/2008	INJECTION EOS SEPT 2007								
GP-122		4/8/2008	<0.45	<0.48	<0.83	<0.89	<0.75	1.4	NA	NA	NA
GP-122		9/12/2008	<0.45	<0.48	1.7	<0.89	<0.75	3.3	495	<1.6	1.5
GP-122		4/13/2009	<0.45	<0.48	1.1	<0.89	<0.75	3.8	889	<1.6	<1.4
GP-122		4/12/2011	<0.45	<0.48	0.91J	<0.89	<0.75	1.9	81.6	1.8J	<0.47
ECCI TW-2	Inside Thill SW Wall	9/13/2004	<0.45	1.5	<0.83	<0.89	1.7	<0.18	NA	NA	NA
ECCI TW-2		12/19/2006	<0.50	<0.20	<0.50	<0.50	3.9	<0.20	NA	NA	NA
		9/11/2008	INJECTION EOS SEPT 2007								
ECCI TW-2		4/8/2008	<0.45	<0.79	<0.83	<0.89	2.2	<0.18	NA	NA	NA
ECCI TW-2		9/12/2008	<0.45	<0.48	<0.83	<0.89	2.2	<0.18	65.1	<1.6	<1.4
ECCI SUMP	Inside Thill SW Corner	9/13/2004	<0.45	1.4	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
GP-118	S of Hold Tank	10/4/2005	<0.45	11	2.6	<0.89	1.3	<0.18	NA	NA	NA
GP-118		12/19/2006	<0.50	0.98	1.2J	<0.50	<0.50	<0.20	NA	NA	NA
		9/11/2008	INJECTION EOS SEPT 2007								
GP-118		11/19/2007	<0.45	0.82	2.6	<0.89	0.92	0.90	NA	NA	NA
GP-118		4/8/2008	<0.45	<0.48	1.5	<0.89	<0.75	1.10	340	<10	<10
GP-118		9/15/2008	<0.45	0.97	3.3	<0.89	<0.75	1.1	5030	<1.6	<1.4
GP-118		4/13/2009	<0.45	<0.48	2.3	<0.89	<0.75	0.71	8840	<1.6	<1.4
GP-113	S of Thill by Entry Door	10/4/2005	<0.45	7.6	52	3.4	<0.75	4.5	NA	NA	NA
GP-113		12/19/2006	<0.50	1.4	13	<0.50	0.52J	1.5	NA	NA	NA
		9/11/2008	INJECTION EOS SEPT 2007								
GP-113		11/19/2007	<0.45	2.6	25	1.1	<0.75	1.7	23	<10	<10
GP-113		4/8/2008	<0.45	2.0	13	1.1	<0.75	2.3	NA	NA	NA
GP-113		9/12/2008	<0.45	2.8	24.8	1.2	<0.75	4.6	1770	<1.6	1.6
GP-113		4/13/2009	<0.45	2.4	23.0	1.3	<0.75	4.9	1120	<1.6	1.7
GP-113		4/12/2011	<0.45	<0.48	17.7	<0.89	<0.75	11.3	73.3	<0.32	<0.47

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			0.5	0.5	7	20	85	0.02	NS	NS	NS
NR 140.10 ES			5	5	70	100	850	0.2	NS	NS	NS
MAIN SOURCE AREA IN DRIVEWAY SOUTH OF BUILDINGS											
MW-1	S of 3341 in Gravel Drive	5/23/2000	ND	16000	500	<39	<36	69	NA	NA	NA
MW-1		8/3/2000	ND	13000	560	<180	<180	<150	NA	NA	NA
MW-1		4/17/2003	0.87	8700	360	<0.16	<0.11	31	NA	NA	NA
MW-1		8/11/2004	<45	19000	430	<89	<75	<18	NA	NA	NA
MW-1		9/13/2004	<110	25000	480	<220	<190	<45	NA	NA	NA
MW-1		10/10/2005	<18	5900	670	<36	<30	31	21	<10	<10
MW-1		12/19/2006	<10	22000	730	<10	<10	46	398	NA	NA
MW-1		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
MW-1		3/1/2007	<200	65000	620	<200	<200	<80	149	NA	NA
MW-1		6/21/2007	<56	33000	470	<110	<94	<22	38	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-1		11/20/2007	<90	3000	13000	<180	<150	120	<100	<100	<100
MW-1		4/8/2008	<56.2	431	18100	180	<93.8	1360	NA	NA	NA
MW-1		9/15/2008	<122	181	25100	<222	<188	1150	8920	272	<1.4
MW-1		4/15/2009	<22.5	<24.5	5110	69.6	<37.5	1130	10000	407	10.40
MW-1		3/11/2010	<1.1	1.3	113	45.3	<1.9	302	22600	149	437
MW-1		9/2/2010	<0.45	8.4	21.9	9.3	NA	29.7	14000	19.2	36.4
MW-1		12/29/2010	<2.2	<2.4	374	8.2	NA	509	12300	42.9	67.7
MW-1		4/12/2011	<0.90	<0.96	314	6.0	<1.5	336	11200	224	65.4
GP-115	S of MW-1	10/4/2005	<220	45000	480	<440	<380	<90	NA	NA	NA
GP-115		12/19/2006	<0.50	22000	390	3.6	<0.50	6.1	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
GP-115		11/20/2007	<45	3900	6500	<89	<75	<18	350	<100	<100
GP-115		4/18/2008	<235	947	46200	<445	<375	316	NA	NA	NA
GP-115		9/12/2008	<225	<240	60900	<445	<375	1370	4240	335	3.9
GP-115		4/13/2009	<90.0	<96.0	23400	<178	<150	1500	19100	536	22.5
GP-115		9/2/2010	<0.45	0.89	10.1	10.7	NA	5.7	13500	448	706
GP-115		12/28/2010	<0.45	0.90	82	19.3	NA	77.3	21400	1030	991
GP-115		4/12/2011	<0.45	<0.48	32.5	12.8	<0.75	40.0	7530	162	139
GP-116	W of MW-1	10/4/2005	<90	19000	310	<180	<150	<36	NA	NA	NA
GP-116		12/19/2006	<40	4300	140	<40	<40	<16	NA	NA	NA
GP-116		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
GP-116		2/28/2007	<20	2000	67	<20	<20	<8.0	<15	NA	NA
GP-116		6/21/2007	<9.0	2700	120	<18	<15	5.1	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
GP-116		4/8/2008	<11.2	390	3038	<22.2	<18.8	64.6	NA	NA	NA
GP-116		9/12/2008	<22.5	<24.0	5310	<44.5	<37.5	132	5090	38.3	<1.4
GP-116		4/13/2009	<4.5	<4.8	559	34.3	<7.5	735	26400	1240	<1.4
GP-116		4/12/2011	<0.45	<0.48	<0.83	1.1	<0.75	0.92J	5150	241	1.5J

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NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			0.5	0.5	7	20	85	0.02	NS	NS	NS
NR 140.10 ES			5	5	70	100	850	0.2	NS	NS	NS
MW-3		4/17/2003	<0.17	410	260	<0.16	0.62	6.6	NA	NA	NA
MW-3		10/10/2005	<22	3400	630	<44	<38	29	NA	NA	NA
MW-3		12/19/2006	<10	3200	480	<10	<10	15	<15.0	NA	NA
MW-3		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
MW-3		2/28/2007	<25	2700	400	<25	<25	<10	<15.0	NA	NA
MW-3		6/21/2007	<9.0	2300	660	<18	<15	<3.6	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-3		11/20/2007	<9.0	92	1900	<18	<15	47	240	<100	<100
MW-3	SW of 3341	4/8/2008	<9.0	33	1590	21.8	<15	65	NA	NA	NA
MW-3		9/15/2008	<1.8	<3.2	450	8.1	<3.0	142	5400	42.8	2.4
MW-3		4/13/2009	<0.45	<0.48	6.6	7.6	<0.75	35.4	14600	38.5	<1.4
MW-3		3/11/2010	<0.45	<0.48	1.6	1.0	<0.75	11.4	28600	98.9	85
MW-3		9/2/2010	<0.45	<0.48	3.6	<0.89	NA	0.60	13300	31.0	27.4
MW-3 Dup		9/2/2010	<0.45	<0.48	3.8	0.93	NA	0.65	14100	42.6	37.5
MW-3		12/29/2010	<0.45	<0.48	2.0	<0.89	NA	11.6	16700	78.6	173.0
MW-3		4/12/2011	<0.45	<0.48	1.5	<0.89	<0.75	1.4	8890	61.4	34.1
MW-110		10/10/2005	<450	120000	900	<890	<750	<180	14	<10	<10
MW-110 Dup		10/10/2005	<110	57000	570	<220	<190	<45	NA	NA	NA
MW-110		12/19/2006	<10	67000	540	<10	<10	14	<15.0	NA	NA
MW-110		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
MW-110		2/28/2007	<620	61000	<620	<620	<620	<250	<15.0	NA	NA
MW-110		6/21/2007	<560	29000	120,000	<1100	<940	<220	11	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-110	E of MW-3, S edge of Alley	11/20/2007	<900	7100	250,000	<1800	<1500	1500	<100	<100	<100
MW-110		4/8/2008	<180	308	73,100	441	<300	2770	NA	NA	NA
MW-110		9/15/2008	<18.0	<19.2	4,660	<35.6	<30	5000	5940	5180	18.3
MW-110		4/13/2009	<0.45	1.0	24	5.2	<0.75	60.9	19900	1410	206
MW-110		3/11/2010	<11.2	<12.0	76.9	37.8	<18.8	2160	16200	1190	3440
MW-110		9/2/2010	<2.2	<2.4	13.7	8.3	NA	534	15000	404	982
MW-110		12/29/2010	<11.2	<12.0	347	23.3	NA	2640	17300	1060	4340
MW-110		4/12/2011	<0.45	<0.48	33.2	3.7	<0.75	274	5520	157	263
PZ-111		10/10/2005	<1.8	340	9.2	<3.6	<3.0	<0.72	<10	<10	<10
PZ-111		12/19/2006	<1.0	66	11	<1.0	<1.0	4.1	NA	NA	NA
PZ-111		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
PZ-111		2/28/2007	<0.50	38	41	<0.50	<0.50	1.4	<15.0	NA	NA
PZ-111		6/21/2007	<0.45	12	34	<0.89	<0.75	1.7	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
PZ-111	E of MW-3, S edge of Alley	11/19/2007	<0.45	5.1	34	<0.89	<0.75	12	<10	<10	<10
PZ-111		4/8/2008	<0.45	9.0	41	2.1	<0.75	117	NA	NA	NA
PZ-111		9/15/2008	<0.45	2.8	26.8	1.3	<0.75	17.7	637	8.5	8.2
PZ-111		4/13/2009	<0.45	3.5	7.3	<0.89	<0.75	2.3	<2.0	<1.6	<1.4
PZ-111		3/11/2010	2.7	5.1	4.9	<0.89	<0.75	0.69	2180	17.6	1.2
PZ-111		9/2/2010	0.83	6.6	12.1	<0.89	NA	6.4	3620	13.5	<0.47
PZ-111		12/29/2010	0.71	8.5	8.0	<0.89	NA	1.8	2.0	<0.32	<0.47

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			**0.5**	**0.5**	**7**	**20**	**85**	**0.02**	NS	NS	NS
NR 140.10 ES			**5**	**5**	**70**	**100**	**850**	**0.2**	NS	NS	NS
TW-6	S of SW Corner Thill Bldg	11/12/1998	<0.5	**1300**	**74.6**	Incl	ND	<0.2	NA	NA	NA
NONWEILER BUILDING AREA											
MW-A	Nonweiler Courtyard	7/23/1998	ND	<15	<10	<15	<10	<25	NA	NA	NA
MW-A		10/21/1998	ND	<3.0	<2.0	<3.0	<2.0	<5.0	NA	NA	NA
MW-A		9/20/1999	ND	<20	<7.5	<7.5	<7.5	<5.5	NA	NA	NA
MW-A		5/23/2000	ND	<8.00	<3.00	<3.00	<3.00	<2.20	NA	NA	NA
MW-A		10/19/2000	ND	<20	<7.5	<7.50	<7.5	<5.50	NA	NA	NA
MW-A		1/10/2001	ND	<8.00	<3.00	<3.00	<3.00	<2.20	NA	NA	NA
MW-A		4/23/2001	ND	<4.00	<1.50	<1.50	<1.50	<1.10	NA	NA	NA
MW-A		7/11/2001	ND	<1.30	<1.25	<1.25	<1.90	<1.95	NA	NA	NA
MW-A		10/10/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-A		9/11/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-C	E of Nonweiler Building; WNW of Thill Bldg	9/20/1999	ND	<0.4	1.9	<0.15	<0.15	**0.696**	NA	NA	NA
MW-C		5/23/2000	ND	<0.4	**13.1**	1.13	<0.15	**5.44**	NA	NA	NA
MW-C		10/19/2000	ND	<0.4	3.6	<0.15	0.335	**0.911**	NA	NA	NA
MW-C		1/10/2001	ND	<0.4	**1.95**	<0.15	0.226	**0.693**	NA	NA	NA
MW-C		4/23/2001	ND	<0.4	**19**	0.48	<0.15	**4.33**	NA	NA	NA
MW-C		7/11/2001	ND	<0.26	2.46	<0.25	<0.38	**1.99**	NA	NA	NA
MW-C		4/17/2003	<0.17	**0.67**	<0.22	0.18	0.31	**2.1**	NA	NA	NA
MW-C		10/4/2005	<0.45	<0.48	1.3	<0.89	<0.75	**3.3**	NA	NA	NA
MW-C		12/19/2006	0.55J	<0.20	1.5J	<0.50	<0.50	**5.2**	NA	NA	NA
MW-C		9/15/2008	<0.45	<0.48	<0.83	<0.89	<0.75	**3.1**	635	<1.6	1.6
MW-C		4/12/2011	<0.45	<0.48	<0.83	<0.89	<0.75	**0.51J**	169	<0.32	<0.47
Defines extent to East and West											
GP-114	E of MW-1	10/4/2005	<0.45	**0.99**	**8.9**	<0.89	<0.75	**1.9**	NA	NA	NA
GP-114		12/19/2006	<0.50	**0.67**	5.3	<0.50	<0.50	**0.64J**	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
GP-114		11/19/2007	<2.2	<2.4	**9.3**	<4.4	<3.8	<0.90	2000	<10	<10
GP-114		4/8/2008	<4.5	<4.8	<8.3	<1.9	<7.5	<1.8	NA	NA	NA
GP-114		9/15/2008	<0.45	**0.77**	**12.4**	1.3	<0.75	**1.1**	8140	<1.6	<1.4
GP-114		4/13/2009	<0.45	<0.48	**7.1**	<0.89	<0.75	**1.0**	21100	<1.6	<1.4
GP-117	E of GP-114	10/4/2005	<0.45	**0.71**	3.5	<0.89	<0.75	**0.50**	NA	NA	NA
GP-117		12/19/2006	<0.50	<0.20	0.74J	<0.50	<0.50	<0.20	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
GP-117		11/19/2007	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
GP-117		4/8/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
GP-117		9/15/2008	<0.45	<0.48	**17.7**	<0.89	<0.75	**5.3**	NA	NA	NA
GP-117		4/13/2009	<0.45	<0.48	**10.6**	<0.89	<0.75	**3.5**	150	<1.6	<1.4
GP-117		3/11/2010	<0.45	<0.48	**11.1**	<0.89	<0.75	**5.6**	8.6	<0.32	<0.47
GP-117		9/2/2010	<0.45	<0.48	**15.3**	0.94	NA	**11.6**	229	<0.32	<0.47
GP-117		12/28/2010	<0.45	<0.48	**9.4**	<0.89	NA	**5.7**	341	<0.32	<0.47
GP-117		4/12/2011	<0.45	<0.48	**7.7**	<0.89	<0.75	**2.6**	21.4	<0.32	<0.47

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			0.5	0.5	7	20	85	0.02	NS	NS	NS
NR 140.10 ES			5	5	70	100	850	0.2	NS	NS	NS
MW-4	W of MW-3	4/17/2003	<0.17	<0.12	<0.22	<0.16	<0.11	<0.10	NA	NA	NA
MW-4		10/4/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
MW-4		12/19/2006	<0.50	<0.20	<0.50	<0.20	<0.50	<0.20	<15.0	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-4		11/19/2007	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
MW-4		4/8/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-4		9/15/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
DOWNGRADIENT OFF-SITE											
MW-1 DNR	NE Corner CR Meyer Property	9/7/1997	10	630	270	Incl	ND	52	NA	NA	NA
MW-1 DNR		10/19/1997	<5	740	800	Incl	ND	240	NA	NA	NA
MW-1 DNR		11/12/1998	<0.5	752	947.9	Incl	ND	236	NA	NA	NA
MW-1 DNR		5/23/2000	ND	1000	759	<7.5	<7.5	88.9	NA	NA	NA
MW-1 DNR		4/17/2003	<0.17	3300	1800	13.0	1.30	210	NA	NA	NA
MW-1 DNR		10/10/2005	<22	4300	2000	<44	<38	220	230	<10	13
MW-1 DNR		12/19/2006	<10	2000	1500	<10	<10	84	420	NA	NA
MW-1 DNR DUP		12/19/2006	<40	3400	1700	<40	<40	93	NA	NA	NA
MW-1 DNR		6/21/2007	<9.0	1300	770	<18	<15	39	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-1 DNR		11/19/2007	<18	2100	1300	<36	<30	120	150	<10	<10
MW-1DNR		4/8/2008	<2.2	1140	545	18.4	<3.8	49	NA	NA	NA
MW-1DNR		9/10/2008	<2.2	1290	900	12.3	<3.8	40.4	202	<1.6	13.0
MW-1DNR		4/13/2009	<1.1	186	208	10	<1.9	3.5	9.7	<1.6	<1.4
MW-1DNR		3/11/2010	<4.5	929	939	<8.9	<7.5	30.6	666	6	<0.47
MW-1DNR		9/2/2010	<4.5	1000	986	9.1	NA	40.9	1320	7.1	<0.47
MW-1DNR		12/28/2010	<4.5	844	1430	27.4	NA	114	1390	16.2	<0.47
MW-1DNR		4/12/2011	<4.5	606	639	11.4	<7.5	34.3	482	7.2	<0.47
MW-1DNR DUP		4/12/2011	<2.2	531	570	9.7	<3.8	29.0	NA	NA	NA
GP-119	S of MW-1 CR	10/4/2005	<9.0	2300	640	<18	<15	69	NA	NA	NA
PZ-1 DNR	NE Corner CR Meyer Property	9/7/1997	<1	4.0	1.0	Incl	ND	<1	NA	NA	NA
PZ-1 DNR		10/19/1997	<1	7.0	0.9	Incl	ND	<1	NA	NA	NA
PZ-1 DNR		11/12/1998	<0.5	<0.5	<1	Incl	ND	<0.2	NA	NA	NA
PZ-1 DNR		5/23/2000	ND	<0.4	<0.15	<0.15	<0.15	<0.11	NA	NA	NA
PZ-1 DNR		4/17/2003	<0.17	17	6.1	<0.16	<0.11	1.6	NA	NA	NA
PZ-1 DNR		10/10/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
PZ-1 DNR		12/19/2006	<0.50	1.4	<0.50	<0.50	<0.50	<0.20	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
PZ-1 DNR		11/19/2007	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
PZ-1 DNR		4/8/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
PZ-1 DNR		9/10/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	29	<1.6	<1.4
PZ-1 DNR		4/13/2009	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	49.2	<1.6	<1.4
PZ-1 DNR		3/11/2010	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	48.1	<0.32	<0.47
PZ-1 DNR		9/2/2010	<0.45	<0.48	<0.83	<0.89	NA	<0.18	24.6	<0.32	<0.47
PZ-1 DNR		12/28/2010	<0.45	<0.48	<0.83	<0.89	NA	<0.18	13.8	<0.32	<0.47

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			**0.5**	**0.5**	**7**	**20**	**85**	**0.02**	NS	NS	NS
NR 140.10 ES			**5**	**5**	**70**	**100**	**850**	**0.2**	NS	NS	NS
MW-112	SW of Nonweiler Building, NE section of CR Meyer parking lot	12/19/2006	<0.50	<0.20	<0.50	<0.50	<0.50	<0.20	<10	NA	NA
MW-112		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
MW-112		3/1/2007	<0.50	<0.20	<0.50	<0.50	<0.50	<0.20	<10	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-112		11/19/2007	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	57	<10	<10
MW-112		4/8/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-112		9/11/2008	<0.45	**0.59**	<0.83	<0.89	<0.75	<0.18	138	<1.6	<1.4
MW-112		4/13/2009	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	256	<1.6	<1.4
MW-112		4/12/2011	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	5.4	<0.32	<0.47
PZ-113	SW of Nonweiler Building, NE section of CR Meyer parking lot	12/19/2006	<0.50	**6.1**	0.72J	<0.50	<0.50	<0.20	NA	NA	NA
PZ-113		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
PZ-113		3/1/2007	<0.50	**5.8**	0.91J	<0.50	<0.50	<0.20	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
PZ-113		11/19/2007	<0.45	**0.96**	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
PZ-113		4/8/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
PZ-113		9/11/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<1.8	2.6	<1.6	<1.4
PZ-113		4/13/2009	<0.45	<0.48	<0.83	<0.89	<0.75	<1.8	6.4	<1.6	<1.4
DOWNGRADIENT : OFF-SITE E of CTH A											
MW-114	Former Lee Property	12/19/2006	<0.50	**32**	**24**	<0.50	<0.50	**2.7**	<15	NA	NA
MW-114		6/21/2007	<0.45	**12**	**11**	<0.89	<0.75	**1.0**	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-114		11/19/2007	<0.45	**17**	**61**	<0.89	<0.75	**15**	63	<10	<10
MW-114		4/8/2008	<0.45	**41.5**	**31.8**	<0.89	<0.75	**2.4**	NA	NA	NA
MW-114		9/10/2008	<0.45	<0.45	**13.1**	<0.89	<0.75	**0.92**	17.4	<1.6	<1.4
MW-114		4/13/2009	<0.45	<0.45	**57.1**	<0.89	<0.75	**3.5**	11.0	<1.6	<1.4
MW-114		3/11/2010	<0.45	**29.8**	**143**	1.6	<0.75	**5.0**	<0.93	<0.32	<0.47
MW-114		9/2/2010	<0.45	**13.1**	**21.6**	<0.89	NA	**2.3**	12.8	<0.32	<0.47
MW-114		12/28/2010	<0.45	**19.4**	**101**	1.4	NA	**11.9**	139	<0.32	<0.47
MW-114		4/12/2011	<0.45	**13.6**	**44.2**	<0.89	1.0	**5.8**	21.9	<0.32	<0.47
PZ-115	Former Lee Property	12/19/2006	<0.50	**3.4**	0.90J	<0.50	<0.50	<0.20	NA	NA	NA
PZ-115		6/21/2007	<0.45	**4.5**	5.0	<0.89	<0.75	<0.18	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
PZ-115		11/19/2007	<0.45	**1.8**	2.6	<0.89	<0.75	**0.29**	32	<10	<10
PZ-115		4/8/2008	<0.45	**1.2**	0.98	<0.89	<0.75	<0.18	NA	NA	NA
PZ-115		9/10/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	2.9	<1.6	<1.4
PZ-115		4/13/2009	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	15.6	<1.6	<1.4
PZ-115		3/11/2010	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	31.8	<0.32	<0.47
PZ-115		9/2/2010	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	5.5	<0.32	<0.47
PZ-115		12/28/2010	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	39.0	<0.32	<0.47
FAR DOWNGRADIENT : WDNR OFF-SITE WELLS											
MW-2 DNR	Booster Station, CTH A, 1000 ft South	9/11/1997	<1	<1	2	Incl	ND	<1	NA	NA	NA
MW-2 DNR		10/19/1997	<1	0.8	2	Incl	ND	<1	NA	NA	NA
MW-2 DNR		10/3/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-2 DNR		9/10/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	10.5	<1.6	<1.4

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			**0.5**	**0.5**	**7**	**20**	**85**	**0.02**	NS	NS	NS
NR 140.10 ES			**5**	**5**	**70**	**100**	**850**	**0.2**	NS	NS	NS
P-2 DNR	Booster Station, CTH A, 1000 ft South	9/11/1997	<1	<1	2	Incl	ND	<1	NA	NA	NA
P-2 DNR		10/19/1997	<1	1	1	Incl	ND	<1	NA	NA	NA
P-2 DNR		10/3/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
P-2 DNR		9/10/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<2.0	<1.6	<1.4
MW-3 DNR	Shadow Lane, 800 ft SE	9/11/1997	<1	<1	**9.0**	Incl	ND	**3.0**	NA	NA	NA
MW-3 DNR		10/19/1997	<1	<0.5	1	Incl	ND	<1	NA	NA	NA
MW-3 DNR		10/3/2005	<0.45	<0.48	1.4	<0.89	<0.75	**1.1**	NA	NA	NA
MW-3 DNR		12/19/2006	<0.50	<0.20	0.79J	<0.50	<0.50	<0.20	<15	NA	NA
MW-3 DNR DUP		12/19/2006	<0.50	<0.20	0.70J	<0.50	<0.50	**0.20J**	NA	NA	NA
MW-3 DNR		9/10/2008	<0.45	<0.48	**8.4**	<0.89	<0.75	**5.6**	30	<1.6	<1.4
MW-3 DNR		4/13/2009	<0.45	**2.2**	**25.7**	<0.89	<0.75	**10**	64.4	<1.6	<1.4
MW-3 DNR		3/11/2010	<0.45	<0.48	**8.2**	<0.89	<0.75	**3.2**	42.9	<0.32	<0.47
MW-3 DNR		9/2/2010	<0.45	**0.62**	**18.7**	<0.89	NA	**9.2**	35.0	<0.32	<0.47
MW-3 DNR		12/28/2010	<0.45	<0.48	**16.9**	<0.89	NA	**8.4**	23.7	<0.32	<0.47
MW-3 DNR		4/12/2011	<0.45	**0.89J**	**26.8**	<0.89	<0.75	**14.3**	28.9	<0.32	<0.47
P-3 DNR	Shadow Lane, 800 ft SE	9/11/1997	<1	2	4	Incl	ND	**2.0**	NA	NA	NA
P-3 DNR		10/19/1997	<1	<0.5	2	Incl	ND	<1	NA	NA	NA
P-3 DNR		10/3/2005	<0.45	<0.48	<0.83	<0.89	<0.75	**9.4**	NA	NA	NA
P-3 DNR		12/19/2006	<0.50	**1.1**	<0.50	<0.50	<0.50	<0.20	NA	NA	NA
P-3 DNR		9/10/2008	<0.45	<0.48	<0.83	<0.89	<0.75	**5.4**	13.5	<1.6	<1.4
P-3 DNR		4/13/2009	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<2.0	<1.6	<1.4
P-3 DNR		3/11/2010	<0.45	<0.48	1.3	<0.89	<0.75	**28.6**	8.0	<0.32	<0.47
P-3 DNR		9/2/2010	<0.45	<0.48	<0.83	<0.89	NA	**0.78**	<0.93	<0.32	<0.47
P-3 DNR		12/28/2010	<0.45	<0.48	<0.83	<0.89	NA	**2.1**	2.3	<0.32	<0.47
P-3 DNR		4/12/2011	<0.45	<0.48	0.89J	<0.89	<0.75	**12.3**	7.8	<0.32	<0.47
MW-5 DNR	Keenville Lane, 800 ft East	9/11/1997	<1	<1	<1	Incl	ND	<1	NA	NA	NA
MW-5 DNR		10/19/1997	<1	<0.5	<1	Incl	ND	<1	NA	NA	NA
MW-5 DNR		10/3/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-5 DNR		9/11/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
			ABANDONED BY DNR 2010								
MW-6 DNR	Cozy Lane, 1,550 ft SE	9/11/1997	<1	<1	<1	Incl	ND	<1	NA	NA	NA
MW-6 DNR		10/19/1997	<1	<0.5	<1	Incl	ND	<1	NA	NA	NA
MW-6 DNR		10/3/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-6 DNR		9/10/2008	<0.45	<0.48	<0.83	<0.89	<0.75	**1.2**	29.7	<1.6	<1.4
MW-6 DNR		4/12/2011	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	4.4	<0.32	<0.47

Notes: PCE = Tetrachloroethene TCA = Trichloroethane VC = Vinyl Chloride
TCE = Trichloroethene DCE = Dichloroethene
Xylenes reported as total of m-, o-, p-xylenes
TMB reported as total of 1,2,4- and 1,3,5-trimethylbenzene
NA= Not analyzed for parameter
BOLD and Boxed value indicates exceedance of NR 140.10 Enforcement Standard (ES)
BOLD value exceeds NR 140 Preventive Action Limit (PAL)
ND : Not Detected
Incl : sum of cis and trans Dichlorethene
Piezometers (P-prefix) screened in bedrock approximately 50 ft below grade
All other wells screened across water table, approximately 5 to 15 feet below grade

TABLE 1
GROUNDWATER ELEVATION DATA
Nonweiler Site, Oshkosh, WI

OBJECT	Object Elevation (feet)	Stickup (feet)	Total Well Depth (feet btl)	Total Well Depth (feet bgs)	Screened Interval (feet bgs)	October 3, 2005 DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL
SMALL DIAMETER WELLS								
GP-113	753.92 752.68	1.24	12.92	11.68	1.6-11.6	10.20	8.96	743.72
GP-114	751.42 751.70	-0.28	12.54	12.82	2.8-12.8	6.94	7.22	744.48
GP-115	751.05 751.29	-0.24	12.70	12.94	2.9-12.9	3.64	3.88	747.41
GP-116	751.48 751.71	-0.23	12.40	12.63	2.6-12.6	4.31	4.54	747.17
GP-117	751.26 751.59	-0.33	11.42	11.75	1.7-11.7	7.40	7.73	743.86
GP-118	751.80 752.09	-0.29	11.43	11.72	1.7-11.7	8.95	9.24	742.85
GP-119	750.58 750.62	-0.04	12.73	12.77	2.7-12.7	2.90	2.94	747.68
GP-121	752.36 752.65	-0.28	12.34	12.63	2.6-12.6	4.21	4.49	748.15
GP-122	752.39 752.67	-0.28	12.41	12.69	2.6-12.6	3.91	4.19	748.48
ECCI TW-1	752.64 752.70	-0.06	11.91	11.97	1.9-11.9	(10/4/05) 4.19	4.25	748.45
ECCI TW-2	752.57 752.61	-0.04		8.87		Water Level Not Taken		
NR141 WELLS								
MW-C	753.04 753.28	-0.25	23.55	23.80	13.6-23.6	3.25	3.50	749.79
MW-1	751.25 751.60	-0.35	14.37	14.72	4.5-14.5	4.45	4.80	746.80
MW-2	752.28 752.46	-0.18	12.79	12.97	2.9-12.9	3.98	4.16	748.30
MW-3	751.84 752.02	-0.18	12.92	13.10	3.1-13.1	3.72	3.90	748.12
MW-4	752.18 752.51	-0.34	12.80	13.14	2.9-12.9	3.36	3.70	748.82
MW-5	753.68 754.08	-0.40	12.92	13.32	3.3-13.3	2.79	3.19	750.89
MW-6	752.35 752.61	-0.25	13.56	13.82	3.8-13.8	4.84	5.10	747.51
MW-1 DNR	750.12 750.56	-0.44	17.98	18.42	8.5-18.5	2.68	3.12	747.44
P-1 DNR	750.34 750.59	-0.25	48.63	48.88	43.8-48.8	1.39	1.64	748.95
MW-110	751.45 751.90	-0.45	14.32	14.77	4.7-14.7	3.72 **Not Stable**	4.17	747.73
PZ-111	751.53 751.94	-0.41	49.35	49.76	44.7-49.7	16.03	16.44	735.50
MW-112	750.76 751.38	-0.62	12.85	13.47	4.1 - 14.1			
PZ-113	750.835 751.435	-0.595	49.00	49.60	44.6 - 49.6			
MW-114	749.53 750.26	-0.72	22.40	23.12	13.1 - 23.1			
PZ-115	749.79 750.30	-0.51	49.71	50.22	45.2 - 50.2			
MW-4 DNR	769.63 756.59	3.04	21.29	18.25	8.2-18.2	8.12	5.08	751.51
MW-A	755.67		25.71			5.47		750.20
PZ-A	755.57		50.09			10.50		745.07
MW-B	755.55		25.48			5.18		750.37
1997 HydroSearch					Estimated			
MW-2 DNR	750.62		18.01		8-18	4.01		746.61
MW-3 DNR	752.36		20.55		10.5-20.5	6.24		746.12
MW-5 DNR	755.33		16.40		6.4 - 16.4	10.08		745.25
MW-6 DNR	751.48		21.60		11.6-21.6	6.84		744.64
PZ-2 DNR	750.67		49.15		44.2-49.2	4.23		746.44
PZ-3 DNR	752.37		52.75		47.7-52.7	8.81		743.56

NOTE: USGS Elevation 754.08 ft MSL top nut of hydrant per City Oshkosh Eng 10/14/05

TABLE 1
GROUNDWATER ELEVATION
Nonweiler Site, Oshkosh, WI

OBJECT	Object Elevation (feet)	December 18, 2006			February 28, 2007			June 21, 2007		
		DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL	DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL	DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL
SMALL DIAMETER WELLS										
GP-113	753.92	6.92	5.68	747.00	Water Level Not Taken			Water Level Not Taken		
	752.68									
GP-114	751.42	4.58	4.86	746.84	Water Level Not Taken			Water Level Not Taken		
	751.70									
GP-115	751.05	3.64	3.88	747.41	Water Level Not Taken			Water Level Not Taken		
	751.29									
GP-116	751.48	3.05	3.28	748.43	4.62	4.85	746.86	1.6	1.8	749.88
	751.71									
GP-117	751.26	4.52	4.85	746.74	Water Level Not Taken			Water Level Not Taken		
	751.59									
GP-118	751.80	4.45	4.74	747.35	Water Level Not Taken			Water Level Not Taken		
	752.09									
GP-119	750.58	Could Not Locate			Could Not Locate			Could Not Locate		
	750.62									
GP-121	752.36	4.33	4.61	748.03	Water Level Not Taken			Water Level Not Taken		
	752.65									
GP-122	752.39	4.02	4.30	748.37	Water Level Not Taken			Water Level Not Taken		
	752.67									
ECCI TW-1	752.64	4.47	4.53	748.17	Water Level Not Taken			Water Level Not Taken		
	752.70									
ECCI TW-2	752.57	5.98	6.02	746.59	Water Level Not Taken			Water Level Not Taken		
	752.61									
NR141 WELLS										
MW-C	753.04	3.19	3.44	749.85	Water Level Not Taken			Water Level Not Taken		
	753.28									
MW-1	751.25	4.36	4.71	746.89	5.16	5.51	746.09	3.69	4.0	747.56
	751.60									
MW-2	752.28	4.00	4.18	748.28	Water Level Not Taken			Water Level Not Taken		
	752.46									
MW-3	751.84	3.40	3.58	748.44	5.18	5.36	746.66	2.88	3.1	748.96
	752.02									
MW-4	752.18	3.15	3.49	749.03	Water Level Not Taken			Water Level Not Taken		
	752.51									
MW-5	753.68	2.96	3.36	750.72	Water Level Not Taken			Water Level Not Taken		
	754.08									
MW-6	752.35	5.08	5.34	747.27	Water Level Not Taken			Water Level Not Taken		
	752.61									
MW-1 DNR	750.12	2.54	2.98	747.58	Water Level Not Taken			1.3	1.7	748.82
	750.56									
P-1 DNR	750.34	1.35	1.60	748.99	Water Level Not Taken			Water Level Not Taken		
	750.59									
MW-110	751.45	3.67	4.12	747.78	4.88	5.33	746.57	3.45	3.9	748.00
	751.90									
PZ-111	751.53	8.29	8.70	743.24	8.00	8.41	743.53	6.73	7.1	744.80
	751.94									
MW-112	750.76	1.42	2.04	749.34	4.16	4.78	746.60	Water Level Not Taken		
	751.38									
PZ-113	750.835		0.60	750.84	7.24	7.84	743.60	Water Level Not Taken		
	751.435									
MW-114	749.53	3.34	4.06	746.19	Water Level Not Taken			2.78	3.5	746.75
	750.26									
PZ-115	749.79	7.51	8.02	742.28	Water Level Not Taken			5.68	6.2	744.11
	750.30									
MW-4 DNR	759.63	7.59	4.55	752.04	Water Level Not Taken			Water Level Not Taken		
	756.59									
MW-A	755.67		0.00	755.67	Water Level Not Taken			Water Level Not Taken		
PZ-A	755.57		0.00	755.57	Water Level Not Taken			Water Level Not Taken		
MW-B	755.55		0.00	755.55	Water Level Not Taken			Water Level Not Taken		
1997 HydroSearch										
MW-2 DNR	750.62	3.90	3.90	746.72	Water Level Not Taken			Water Level Not Taken		
MW-3 DNR	752.36	6.06	6.06	746.30	Water Level Not Taken			Water Level Not Taken		
MW-5 DNR	755.33	8.69	8.69	746.64	Water Level Not Taken			Water Level Not Taken		
MW-6 DNR	751.48	6.63	6.63	744.85	Water Level Not Taken			Water Level Not Taken		
PZ-2 DNR	750.67	4.79	4.79	745.88	Water Level Not Taken			Water Level Not Taken		
PZ-3 DNR	752.37	10.05	10.05	742.32	Water Level Not Taken			Water Level Not Taken		

NOTE: USGS Elevation 754.08 ft MSl

TABLE 1
GROUNDWATER ELEVATION
Nonweiler Site, Oshkosh, WI

OBJECT	Object Elevation (feet)	November 19, 2007			April 8, 2008			September 1, 2008		
		DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL	DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL	DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL
SMALL DIAMETER WELLS										
GP-113	753.92 752.68	6.94	5.70	746.98	3.37	2.13	750.55	6.59	5.35	747.33
GP-114	751.42 751.70	4.31	4.59	747.11	1.76	2.04	749.66	4.33	4.57	747.09
GP-115	751.05 751.29	4.23	4.47	746.82	Water Level Not Taken			2.44	2.68	748.61
GP-116	751.48 751.71	Water Level Not Taken			1.45	1.7	750.03	3.94	4.17	747.54
GP-117	751.26 751.59	4.42	4.75	746.84	3.21	3.5	748.05	4.29	4.62	746.97
GP-118	751.80 752.09	4.76	5.05	747.04	3.87	4.2	747.93	4.32	4.61	747.48
GP-119	750.58 750.62	Could Not Locate			Could Not Locate			Could Not Locate		
GP-121	752.36 752.65	Water Level Not Taken			2.42	2.7	749.94	4.27	4.55	748.09
GP-122	752.39 752.67	Water Level Not Taken			2.26	2.5	750.13	3.72	4.00	748.67
ECCI TW-1	752.64 752.70	Water Level Not Taken			3.39	3.5	749.25	4.12	4.18	748.52
ECCI TW-2	752.57 752.61	Water Level Not Taken			1.68	1.7	750.89	3.09	3.13	749.48
NR141 WELLS										
MW-C	753.04 753.28	Water Level Not Taken			Water Level Not Taken			3.08	3.3	749.96
MW-1	751.25 751.60	3.73	4.1	747.52	4.22	4.6	747.03	4.58	4.9	746.67
MW-2	752.28 752.46	Water Level Not Taken			3.59	3.8	748.69	4.13	4.3	748.15
MW-3	751.84 752.02	3.79	4.0	748.05	2.40	2.6	749.44	3.29	3.5	748.55
MW-4	752.18 752.51	2.57	2.9	749.61	2.22	2.6	749.96	2.89	3.2	749.29
MW-5	753.68 754.08	Water Level Not Taken			Water Level Not Taken			3.00	3.4	750.68
MW-6	752.35 752.61	4.96	5.2	747.39	4.29	4.5	748.06	4.53	4.8	747.82
MW-1 DNR	750.12 750.56	2.76	3.2	747.36	1.11	1.6	749.01	2.16	2.6	747.96
P-1 DNR	750.34 750.59	0.65	0.9	749.69	0.00	0.3	750.34	1.16	1.4	749.18
MW-110	751.45 751.90	4.17	4.6	747.28	3.91	4.4	747.54	3.49	3.9	747.96
PZ-111	751.53 751.94	7.28	7.7	744.25	6.31	6.7	745.22	8.17	8.6	743.36
MW-112	750.76 751.38	2.26	2.9	748.50	0.80	1.4	749.96	1.57	2.2	749.19
PZ-113	750.835 751.435	7.01	7.6	743.83	3.37	4.0	747.47	7.08	7.7	743.76
MW-114	749.53 750.26	3.33	4.1	746.20	23.12	23.8	726.41	3.01	3.7	746.52
PZ-115	749.79 750.30	6.33	6.8	743.46	4.77	5.3	745.02	6.58	7.1	743.21
MW-4 DNR	759.63 756.59	Water Level Not Taken			Water Level Not Taken			8.93	5.9	750.70
MW-A	755.67	Water Level Not Taken			Water Level Not Taken			5.49	5.5	750.18
PZ-A	755.57	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
MW-B	755.55	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
1997 HydroSearch										
MW-2 DNR	750.62	Water Level Not Taken			Water Level Not Taken			3.68	3.7	746.94
MW-3 DNR	752.36	Water Level Not Taken			Water Level Not Taken			5.72	5.7	746.64
MW-5 DNR	755.33	Water Level Not Taken			Water Level Not Taken			10.48	10.5	744.85
MW-6 DNR	751.48	Water Level Not Taken			Water Level Not Taken			7.53	7.5	743.95
PZ-2 DNR	750.67	Water Level Not Taken			Water Level Not Taken			4.06	4.1	746.61
PZ-3 DNR	752.37	Water Level Not Taken			Water Level Not Taken			9.22	9.2	743.15

NOTE: USGS Elevation 754.08 ft MSI

TABLE 1
GROUNDWATER ELEVATION
Nonweiler Site, Oshkosh, WI

OBJECT	Object Elevation (feet)	April 13, 2009			March 9, 2010			September 1, 2010		
		DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL	DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL	DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL
SMALL DIAMETER WELLS										
GP-113	753.92	6.46	5.22	747.46	6.30	5.06	747.62	Water Level Not Taken		
	752.68									
GP-114	751.42	2.72	2.96	748.70	4.50	4.74	746.92	Water Level Not Taken		
	751.70									
GP-115	751.05	1.07	1.31	749.98	Water Level Not Taken (ice)			2.40	2.64	748.65
	751.29									
GP-116	751.48	1.90	2.13	749.58	1.56	1.79	749.92	Water Level Not Taken		
	751.71									
GP-117	751.26	3.90	4.23	747.36	3.77	4.10	747.49	4.10	4.43	747.16
	751.59									
GP-118	751.80	4.20	4.49	747.60	Water Level Not Taken (ice)			Water Level Not Taken		
	752.09									
GP-119	750.58	Could Not Locate			Could Not Locate			Could Not Locate		
	750.62									
GP-121	752.36	3.58	3.86	748.78	3.83	4.11	748.53	4.14	4.42	748.22
	752.65									
GP-122	752.39	3.18	3.46	749.21	3.62	3.90	748.77	Water Level Not Taken		
	752.67									
ECCI TW-1	752.64	4.01	4.07	748.63	3.75	3.81	748.89	Water Level Not Taken		
	752.70									
ECCI TW-2	752.57	Water Level Not Taken			0.60	0.64	751.97	Water Level Not Taken		
	752.61									
NR141 WELLS										
MW-C	753.04	Water Level Not Taken			Water Level Not Taken (ice)			Water Level Not Taken		
	753.28									
MW-1	751.25	3.62	4.0	747.63	4.15	4.5	747.10	2.91	3.3	748.34
	751.60									
MW-2	752.28	3.98	4.2	748.30	3.72	3.9	748.56	4.17	4.4	748.11
	752.46									
MW-3	751.84	1.54	1.7	750.30	1.34	1.5	750.50	2.71	2.9	749.13
	752.02									
MW-4	752.18	Water Level Not Taken			2.54	2.9	749.64	Water Level Not Taken		
	752.51									
MW-5	753.68	Water Level Not Taken			Water Level Not Taken			Well Abandoned 2010		
	754.08									
MW-6	752.35	4.52	4.8	747.83	4.39	4.6	747.96	5.55	5.8	746.80
	752.61									
MW-1 DNR	750.12	1.31	1.8	748.81	1.60	2.0	748.52	1.46	1.9	748.66
	750.56									
P-1 DNR	750.34	0.00	0.3	750.34	0.25	0.5	750.09	0.05	0.3	750.29
	750.59									
MW-110	751.45	1.78	2.2	749.67	3.84	4.3	747.61	2.09	2.5	749.36
	751.90									
PZ-111	751.53	6.05	6.5	745.48	8.10	8.5	743.43	5.98	6.4	745.55
	751.94									
MW-112	750.76	1.09	1.7	749.67	Water Level Not Taken (ice)			1.58	2.2	749.18
	751.38									
PZ-113	750.835	3.46	4.1	747.38	6.67	7.3	744.17	4.95	5.5	745.89
	751.435									
MW-114	749.53	3.32	4.0	746.93	3.90	4.6	746.35	3.22	3.9	747.03
	750.26	(9/08 add 8.63" PVC, adjust elev)			(9/08 add 8.63" PVC, adjust elev)			(9/08 add 8.63" PVC, adjust elev)		
PZ-115	749.79	4.73	5.2	745.40	6.76	7.3	743.37	4.62	5.1	745.51
	750.30	(9/08 add 4.13" PVC, adjust elev)			(9/08 add 4.13" PVC, adjust elev)			(9/08 add 4.13" PVC, adjust elev)		
MW-4 DNR	759.63	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
	756.59									
MW-A	755.67	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
PZ-A	755.57	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
MW-B	755.55	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
1997 HydroSearch										
MW-2 DNR	750.62	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
MW-3 DNR	752.36	5.41	5.4	746.95	6.01	6.0	746.35	5.27	5.3	747.09
MW-5 DNR	755.33	Water Level Not Taken			Water Level Not Taken			Well Abandoned by DNR 2010?		
MW-6 DNR	751.48	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
PZ-2 DNR	750.67	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
PZ-3 DNR	752.37	6.86	6.9	745.51	8.94	8.9	743.43	6.80	6.8	745.57

NOTE: USGS Elevation 754.08 ft MSL

TABLE 1
GROUNDWATER ELEVATION
Nonweiler Site, Oshkosh, WI

OBJECT	Object Elevation (feet)	December 28,2010 DEPTH TO WATER Feet below PVC	December 28,2010 DEPTH TO WATER Feet below grade	December 28,2010 WATER ELEV Feet MSL	April 12, 2011 DEPTH TO WATER Feet below PVC	April 12, 2011 DEPTH TO WATER Feet below grade	April 12, 2011 WATER ELEV Feet MSL
SMALL DIAMETER WELLS							
GP-113	753.92	Water Level Not Taken			6.22	4.98	747.70
	752.68						
GP-114	751.42	Water Level Not Taken			2.73	3.01	748.69
	751.70						
GP-115	751.05	Water Level Not Taken (ice)			1.12	1.36	749.93
	751.29						
GP-116	751.48	Water Level Not Taken			1.89	2.12	749.59
	751.71						
GP-117	751.26	5.07	5.40	746.19	3.44	3.77	747.82
	751.59						
GP-118	751.80	Water Level Not Taken (ice)			4.78	5.07	747.02
	752.09						
GP-119	750.58	Could Not Locate			Could Not Locate		
	750.62						
GP-121	752.36	4.68	4.96	747.68	2.31	2.59	750.05
	752.65						
GP-122	752.39	Water Level Not Taken			2.02	2.30	750.37
	752.67						
ECCI TW-1	752.64	Water Level Not Taken			3.60	3.66	749.04
	752.70						
ECCI TW-2	752.57	Water Level Not Taken			0.88	0.92	751.69
	752.61						
NR141 WELLS							
MW-C	753.04	Water Level Not Taken (ice)			0.64	0.9	752.40
	753.28						
MW-1	751.25	5.24	5.6	746.01	2.46	2.8	748.79
	751.60						
MW-2	752.28	4.84	5.0	747.44	3.41	3.6	748.87
	752.46						
MW-3	751.84	3.86	4.0	747.98	1.62	1.8	750.22
	752.02						
MW-4	752.18	Water Level Not Taken			2.14	2.5	750.04
	752.51						
MW-5	753.68	Well Abandoned 2010			Well Abandoned 2010		
	754.08						
MW-6	752.35	5.09	5.3	747.26	4.24	4.5	748.11
	752.61						
MW-1 DNR	750.12	3.45	3.9	746.67	1.09	1.5	749.03
	750.56						
P-1 DNR	750.34	0.56	0.8	749.78	0.19	0.4	750.15
	750.59						
MW-110	751.45	4.87	5.3	746.58	2.01	2.5	749.44
	751.90						
PZ-111	751.53	7.47	7.9	744.06	5.66	6.1	745.87
	751.94						
MW-112	750.76	Water Level Not Taken			1.16	1.8	749.60
	751.38						
PZ-113	750.835	Water Level Not Taken			4.14	4.7	746.70
	751.435						
MW-114	749.53	4.21	4.9	746.04	2.89	3.6	747.36
	750.26	(9/08 add 8.63" PVC, adjust elev)			(9/08 add 8.63" PVC, adjust elev)		
PZ-115	749.79	6.10	6.6	744.03	4.74	5.3	745.39
	750.30	(9/08 add 4.13" PVC, adjust elev)			(9/08 add 4.13" PVC, adjust elev)		
MW-4 DNR	759.63	Water Level Not Taken			3.66	0.6	755.97
	756.59						
MW-A	755.67	Water Level Not Taken			Water Level Not Taken		
PZ-A	755.57	Water Level Not Taken			Water Level Not Taken		
MW-B	755.55	Water Level Not Taken			Water Level Not Taken		
1997 HydroSearch							
MW-2 DNR	750.62	Water Level Not Taken			2.97	3.0	747.65
MW-3 DNR	752.36	6.29	6.3	746.07	4.96	5.0	747.40
MW-5 DNR	755.33	Well Abandoned by DNR 2010?			4.35	4.4	750.98
MW-6 DNR	751.48	Water Level Not Taken			5.48	5.5	746.00
PZ-2 DNR	750.67	Water Level Not Taken			2.30	2.3	748.37
PZ-3 DNR	752.37	8.25	8.3	744.12	6.84	6.8	745.53

NOTE: USGS Elevation 754.08 ft MSl

RIGHT-OF-WAY

IMPROPERLY ABANDONED MONITORING WELL

ALPHA TERRA
SCIENCE

Alpha Terra Science, Inc.
1237 Pilgrim Road, Plymouth, WI 53073
TEL 920/892-2444 FAX 920/892-2620
Website: www.alphaterra.net
E-mail: alphaterra@alphaterra.net

November 4, 2011

Mr. John Haese, Commissioner
Winnebago County Highway Department
901 West County Road Y
Oshkosh, WI 54901

RE: Notification of Non-Abandoned Temporary Well on County Right of Way from Nonweiler Investments LLC Property, 3321 – 3341 County A / North Shore Drive, Oshkosh, WI

Dear Mr. Haese:

Nonweiler Investments LLC is the responsible party for contamination at 3321 – 3341 County A / North Shore Drive, Oshkosh, WI. Alpha Terra Science was retained to provide consulting services to investigate contaminated soil and groundwater on and off the property. This site is under consideration for closure by the Wisconsin Department of Natural Resources (WDNR).

This letter is to notify you that over the course of the project, a 1-inch diameter, schedule 40 PVC temporary well that was constructed in September 2005 was lost. Natural/manmade occurrences caused the well to be covered to a point that field personnel have not been able to locate the well for the past several years. The well was located approximately 70 feet south of the entrance to 3321 – 3341 County Road A, Oshkosh in the grass ditch/Right of Way (Figure 1).

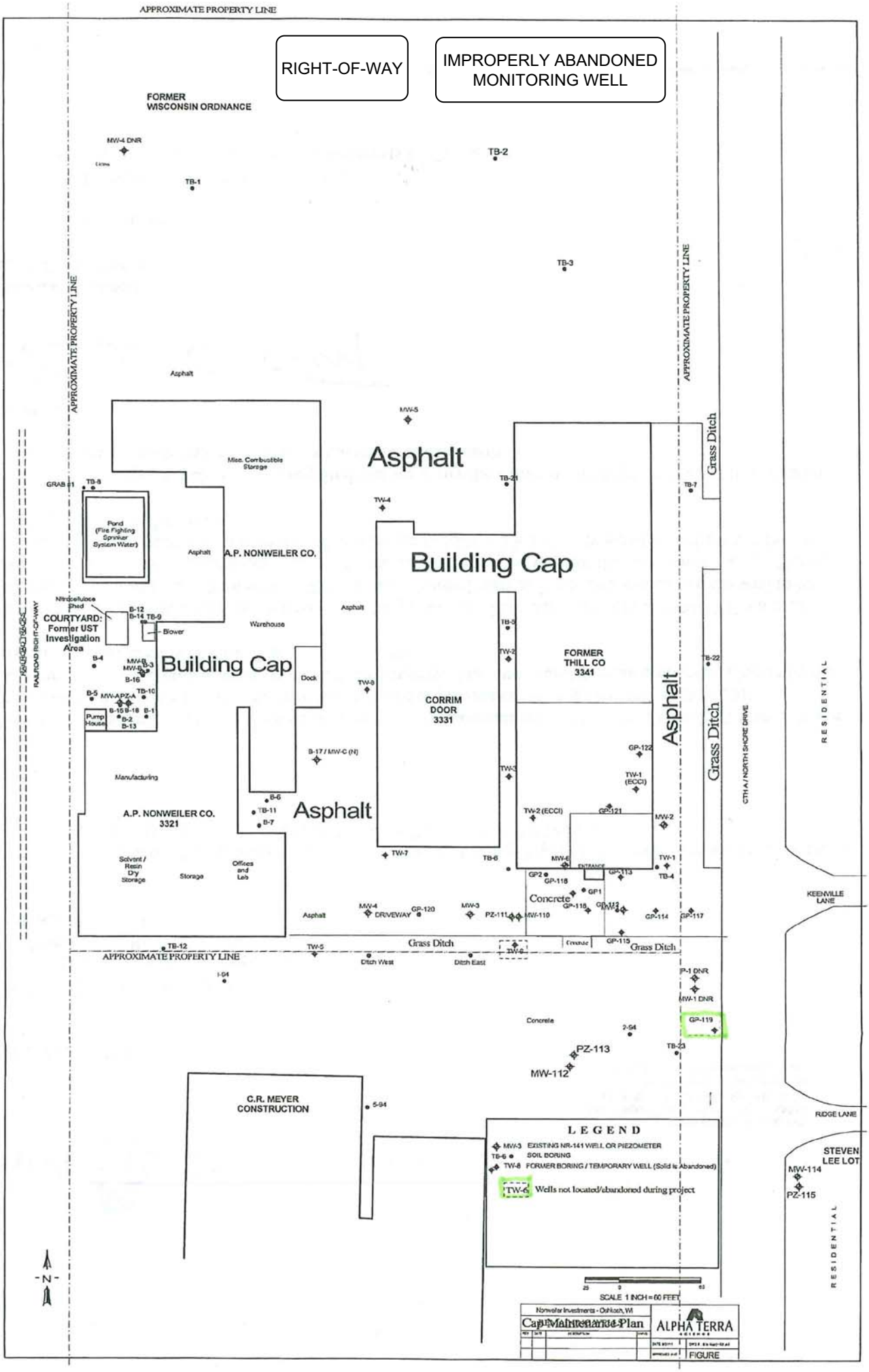
As a condition for project closure, it is required that we notify the owner of the Right of Way of this situation. Please feel free to call should you have any questions or comments.

Sincerely,

Kendrick A. Ebbott
Alpha Terra Science

Attachments: Figure 1

Cc: Ms Kathy Sylvester, WDNR, via email
Mr. Mark Nonweiler, Nonweiler Investments LLC, via e-mail


APPROXIMATE PROPERTY LINE
RIGHT-OF-WAY
IMPROPERLY ABANDONED MONITORING WELL
FORMER WISCONSIN ORDNANCE
MW-4 DNR
TB-1
TB-2
TB-3
APPROXIMATE PROPERTY LINE
APPROXIMATE PROPERTY LINE
Asphalt
MW-5
Asphalt
Misc. Combustible Storage
GRAB #1
TB-8
Pond (Fire Fighting Sprinkler System Water)
Asphalt
A.P. NONWEILER CO.
Building Cap
TB-21
TB-7
Grass Ditch
TW-4
Nitrocellulose Shed
B-12
B-14
TB-9
COURTYARD: Former UST Investigation Area
Blower
Warehouse
Asphalt
TB-20
FORMER THILL CO 3341
TB-22
B-4
MW-B
MW-B
B-3
B-16
Building Cap
Dock
TW-8
CORRIM DOOR 3331
Asphalt
Grass Ditch
RESIDENTIAL
B-5
MW-A
PZ-A
TB-10
B-15
B-16
B-1
B-2
B-13
Pump House
B-17 / MW-C (N)
GP-122
TW-1 (ECCI)
Manufacturing
B-6
TB-11
B-7
A.P. NONWEILER CO. 3321
Asphalt
TW-2 (ECCI)
GP-121
MW-2
TW-7
TB-6
MW-6
ENTRANCE
TW-1
GP2
GP-116
GP-113
TB-4
Solvent / Resin Dry Storage
Storage
Offices and Lab
GP1
Concrete
GP-118
GP-112
MW-4
DRIVEWAY
GP-120
MW-3
PZ-111
MW-110
GP-114
GP-117
KEENVILLE LANE
TB-12
TW-5
Grass Ditch
TW-6
Concrete
GP-115
Grass Ditch
APPROXIMATE PROPERTY LINE
Ditch West
Ditch East
I-94
P-1 DNR
MW-1 DNR
GP-119
Concrete
I-94
PZ-113
TB-23
MW-112
C.R. MEYER CONSTRUCTION
I-94
RIDGE LANE
STEVEN LEE LOT
MW-114
PZ-115
RESIDENTIAL
LEGEND
MW-3 EXISTING NR-141 WELL OR PIEZOMETER
TB-6 SOIL BORING
TW-8 FORMER BORING / TEMPORARY WELL (Solid is Abandoned)
TW-6 Wells not located/abandoned during project
N
SCALE 1 INCH = 60 FEET
Nonweiler Investments - Oshkosh, WI
Cap Maintenance Plan
ALPHA TERRA SCIENCE
FIGURE

IMPROPERLY ABANDONED MONITORING WELL

RIGHT-OF-WAY

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other ☐ _____

Page 1 of 2

Facility/Project Name: Nanweiler Investments	License/Permit/Monitoring Number: _____	Boring Number: GP-119
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Gary Last Name: Johnson — Firm: Soil Essentials	Date Drilling Started: 09/08/2005 (mm/dd/yyyy)	Date Drilling Completed: 09/08/2005 (mm/dd/yyyy) — Drilling Method: Geoprobe
WI Unique Well No. _____	DNR Well ID No. _____	Well Name: _____
Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NW 1/4 of SE 1/4 of Section 1, T 18 N, R 16 (E)W
Lat ° ' " Long ° ' "
Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/or Village
	Winnebago		City of Oshkosh

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	48" / 21"		1	Surface: Grass. Location: Street ROW, South of MW-1/P-1 & west of GP-8. 0-0.75': Dark brown silty topsoil: Grass on surface. NATIVE.	ML			0						
			2	0.75-2': Reddish-brown silty CLAY w/ 20-30% gravel & dolomite cobble fragments. Firm, moist, med. to high plast.	CL/GW									
			3	2-4': NO RECOVERY	NO RECOVERY			No Recovery						
2	48" / 28"		4	4-8': Reddish-brown silty CLAY w/ 10% gravel (¼"-¾" dia). Firm to hard, water-bearing, no plasticity.	CL/GW			1.3						
			5											
			6											
			7					4.5						
			8	8-12': Same as 4-8', except dolomite cobble fragments also present w/ gravel (10-20%)	CL/GW									
3	48" / 47"		9					7.1						
			10											
			11					20						
			12		CL/GW									

GEOLOGIC SUMMARY
0-0.75' SILT Dark brown, topsoil, grass on surface (NATIVE, ML)
0.75-16' SILTY CLAY / GRAVEL Reddish-brown silty clay, firm to hard, moist (0.75-4') to water bearing (4-16'), moderate to high plasticity w/ 20-30% gravel & dolomite fragments (0.75-4') to no plasticity w/ 10-20% gravel & dolomite fragments. Gravel from ¼" to ¾" diameter. (CL/GW)

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: Alpha Terra Science

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

GP-119

RIGHT-OF-WAY

IMPROPERLY ABANDONED MONITORING WELL

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48"		13	12-16' Brown silty clay w/ traces of gravel. Hard, moderately moist, no plasticity.				0						
4	26"		14											
			15					0						No odor noted for entire depth of boring
			16	16' EOB screened @ 3-13'										
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27											
			28											
			29											
			30											
			31											
			32											

State of Wisconsin
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Impacted Off-Source Property Information

Form 4400-246 (R 3/08)

This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). 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.

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BRRTS #: 02-71-000684

ACTIVITY NAME: Nonweiler Property - TCE

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
A	810 KEENVILLE LN	91550000000	637921	399758
B	3249 CTH A	0180031	637871	399722
C	845 KEENVILLE LN	91519620500	637986	399711
D	835 KEENVILLE LN	91519620200	637965	399719
E	825 KEENVILLE LN	91519620201	637950	399719
F	815 KEENVILLE LN	91519620202	637936	399716
G	805 KEENVILLE LN	91519620203	637922	399719
H	811 RIDGE LN	91519622000	637920	399675
I	821 RIDGE LN	91519621900	637942	399674

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BRRTS #: 02-71-000684

ACTIVITY NAME: Nonweiler Property - TCE

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
J	831 RIDGE LN	91519621800	637968	399672
K	841 RIDGE LN	91519621700	637990	399674
L	861 RIDGE LN	91519621600	638017	399670
M	871 RIDGE LN	91519621400	638045	399673
N	3010 SHADOW LN	91519623000	638073	399635
O	MILLER LN (LOT 28)	91519622800	638056	399630
P	MILLER LN (LOT 27)	91519622700	638040	399634
Q	850 MILLER LN	91519622600	638013	399639
R	MILLER LN (LOT 24)	91519622400	637984	399632

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BRRTS #: 02-71-000684

ACTIVITY NAME: Nonweiler Property - TCE

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
S	830 MILLER LN	91519622300	637968	399629
T	820 MILLER LN	91519622200	637931	399628
U	821 MILLER LN	91519623100	637930	399592
V	3226 CTH A	91519623200	637936	399578
W	3220 CTH A	91519623300	637936	399557
X	3212 CTH A	91519623400	637930	399537
Y	3192 CTH A	91519623500	637934	399525
Z	CTH A (LOT 36)	91519623600	637930	399502
AA	3174 CTH A	91519624700	637925	399470

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BRRTS #: 02-71-000684

ACTIVITY NAME: Nonweiler Property - TCE

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
AB	2938 SHADOW LN	91519624600	637972	399511
AC	2946 SHADOW LN	91519624500	637975	399533
AD	2962 SHADOW LN	91519624400	638001	399554
AE	2966 SHADOW LN	91519624200	638016	399569
AF	2978 SHADOW LN	91519624100	638039	399592
AG	841 MILLER LN	91519623900	638010	399592
AH	835 MILLER LN	91519623800	637990	399588
AI	831 MILLER LN	91519623700	637967	399587
AJ	3007 SHADOW LN	91519626300	638113	399604

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BRRTS #: 02-71-000684

ACTIVITY NAME: Nonweiler Property - TCE

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
AK	2999 SHADOW LN	91519626200	638090	399602
AL	2991 SHADOW LN	91519626100	638079	399594
AM	2983 SHADOW LN	91519626000	638065	399578
AN	2977 SHADOW LN	91519625900	638048	399566
AO	2967 SHADOW LN	91519625800	638040	399543
AP	2963 SHADOW LN	91519625700	638028	399530
AQ	2953 SHADOW LN	91519625600	638022	399513
AR	2947 SHADOW LN	91519625500	638016	399494
AS	2937 SHADOW LN	91519625400	638002	399481

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Impacted Off-Source Property Information

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BRRTS #: 02-71-000684

ACTIVITY NAME: Nonweiler Property - TCE

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
AT	2931 SHADOW LN	91519625300	637986	399469
AU	2923 SHADOW LN	91519625200	637969	399462
AV	2917 SHADOW LN	91519625100	637960	399446
AW	3138 CTH A	91519625000	637935	399413
AX				
AY				
AZ				
BA				
BB				

Sylvester, Kathy M - DNR

From: Sylvester, Kathy M - DNR
Sent: Wednesday, June 08, 2011 1:58 PM
To: 'Ken Ebbott'
Cc: Mark Nonweiler
Subject: RE: Nonweiler GIS Packet

see comments below (no guarantees but hopefully there will only be minor tweaks on the GIS stuff anyway.)

;-)
Kathy Sylvester
RR Hydrogeologist
(920) 424-0399

From: Ken Ebbott [mailto:kenebbott@alphaterra.net]
Sent: Wednesday, June 08, 2011 08:52 AM
To: Sylvester, Kathy M - DNR
Cc: Mark Nonweiler
Subject: Nonweiler GIS Packet

Kathy,

I'm still confused about what has to be in the GIS packet for Nonweiler.

There is the standard information about the Nonweiler site, deed, declaration, certified survey map, and the tables and figures that show the chemistry situation. I'm OK with that part.

The off-site information gets me a little confused. The last item is the notice to the City of Oshkosh, no problem there, that has been sent and is done.

It's the notifications to the 49 off-site parcels is where I'm having trouble. Those were sent out earlier this week, certified mail, return receipt. The DNR Summary Table that lists the 49 properties with DNR location information will be in the GIS packet – all 6 pages. A copy of the 4-page letter that went to each owner should be in there as well.

However, that letter varies with each property on page 1 and page 3, as it has different recipients and we included a print out from the County web site showing their property. **My main question is do we have to include a copy of exactly what was sent to all 49 properties in the GIS packet, or can we just include the summary table, and one example of the 4 page letter.**
One complete example is ok for the GIS

If we have to show exactly what each parcel received, there will **be 196 pages** for that item alone. I'd attach it to this email, but it's 71 MB, and probably won't get thru. If we just show the information that changes, which is

the first page with the contact information and the individual property page, and don't show pages 2 and 4 (map), there would be 98 pages, and it will still be a huge file.

Also, you said I have to have the deeds for all 49 parcels, but they don't have to be in the GIS packet? Do I just send them to you? I have dug out a couple deeds using the on-line service, but for most of them I need to check with the County about how to get them, as the on-line method doesn't seem to be practical. I'm thinking each deed can be attached to a copy of pages 1 & 3 of the off site letter, then all 49 of those can be in one package just for the file (not on GIS)... the GIS package (the form listing the off site props) can have a note that says to see complete details refer to the case file.

If you can let me know what has to be in the GIS packet related to the 49 off-site properties, I'll get that together.

I plan to send the closure information to you, with the GIS packet, and will provide the deeds and proof of delivery for the off-site parcels when I get those pieces together.

Sorry to be a pain, but I don't want to have to redo things later.

Thanks,

Ken

OFF-SOURCE
A
PROPERTY

EXAMPLE

June 3, 2011

RICHARD L & PAT BRAASCH
330 HARBOR BAY RD
OSHKOSH, WI 54901

RE: Groundwater GIS Registry Requirement for Tax Parcel # 91550000000, located at 330 HARBOR BAY RD, Oshkosh, WI, Legal Description LOT 1 CSM 5160 DOC #1214104 R OF D

Dear Property Owner:

Groundwater contamination originating from the property located at 3321 to 3341 County A, Oshkosh WI has migrated east to southeast towards Lake Winnebago. Levels of chlorinated volatile organic compounds (VOCs), specifically tetrachloroethene, trichloroethene, cis- and trans-1,2-dichloroethene, and/or vinyl chloride, in the groundwater at your property are above the Wisconsin groundwater enforcement standards.

Cleanup actions have been taken to reduce the contaminant concentrations in groundwater. The environmental consultants who have investigated the contamination at the source property and from wells located within the WDNR Advisory Boundary area (see Figure 1 attached) have informed me that this groundwater contaminant plume is stable or receding and will continue to naturally degrade over time. Allowing natural breakdown of the chemicals to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726 Wisconsin Administrative Code. Therefore, I will be requesting that the WDNR accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

In 1996, all residences shown on the attached map (east of County Highway A, north of MacArthur Road, and south of Keenville Lane) were identified as being located in a Drinking Water Advisory zone established by the WDNR (Figure 1). The advisory was issued on February 15, 1996, and included information on limiting use of groundwater from private wells from this area for drinking or cooking. All homes and residences in this area have municipal water available for use.

Since the apparent source of this contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this contamination, as long as you and any subsequent owners comply with the requirements of section 292.13 Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is needed. For further information, you may obtain a copy of the Department of Natural Resources' publication #RR-589, Fact Sheet 10: *Guidance for Dealing with Properties Affected by Off-Site Contamination*, by accessing the following web address: http://dnr.wi.gov/org/aw/rr/archives/pubs/RR589.pdf.

OFF-SOURCE
A
PROPERTY

The WDNR will not review my closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the WDNR to provide any technical information that you may have that indicates that closure should not be granted. If you would like to submit any information to the WDNR that is relevant to this closure request, you should mail that information to: Ms. Kathleen Sylvester, WDNR, Oshkosh Service Center, 625 E. County Road Y, Suite 700, Oshkosh, WI 54901-9731.

If this case is closed, all properties with ch. NR 140 groundwater standard exceedances will be listed on the WDNR's geographic information system (GIS) Registry. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where contamination above standards was found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNR's Internet web site. Please review the legal description enclosed, and notify me within the next 30 days if the legal description is incorrect.

Once the WDNR makes a decision on the closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of this letter by requesting a copy from me, by writing to the agency address given above, or by accessing the WDNR GIS Registry of Closed Remediation Sites on the Internet at www.dnr.wi.gov/org/aw/rr/gis/index.htm. A copy of the closure letter is included as part of the site file on the GIS Registry.

If you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from any residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to obtain approval from a regional water supply specialist in the WDNR Drinking and Groundwater Program. The well construction application, form 3300-254, is on the Internet at http://dnr.wi.gov/org/water/dwg/3300254.pdf, or may be accessed through the GIS Registry web address in the preceding paragraph.

If you need more information, you may contact me at P.O. Box 1007, Oshkosh, WI 54903 (920) 231-0850, Mr. Ken Ebbott of Alpha Terra Science at (920) 892-2444, or Ms. Kathleen Sylvester of the DNR at (920) 424-0399.

Sincerely,

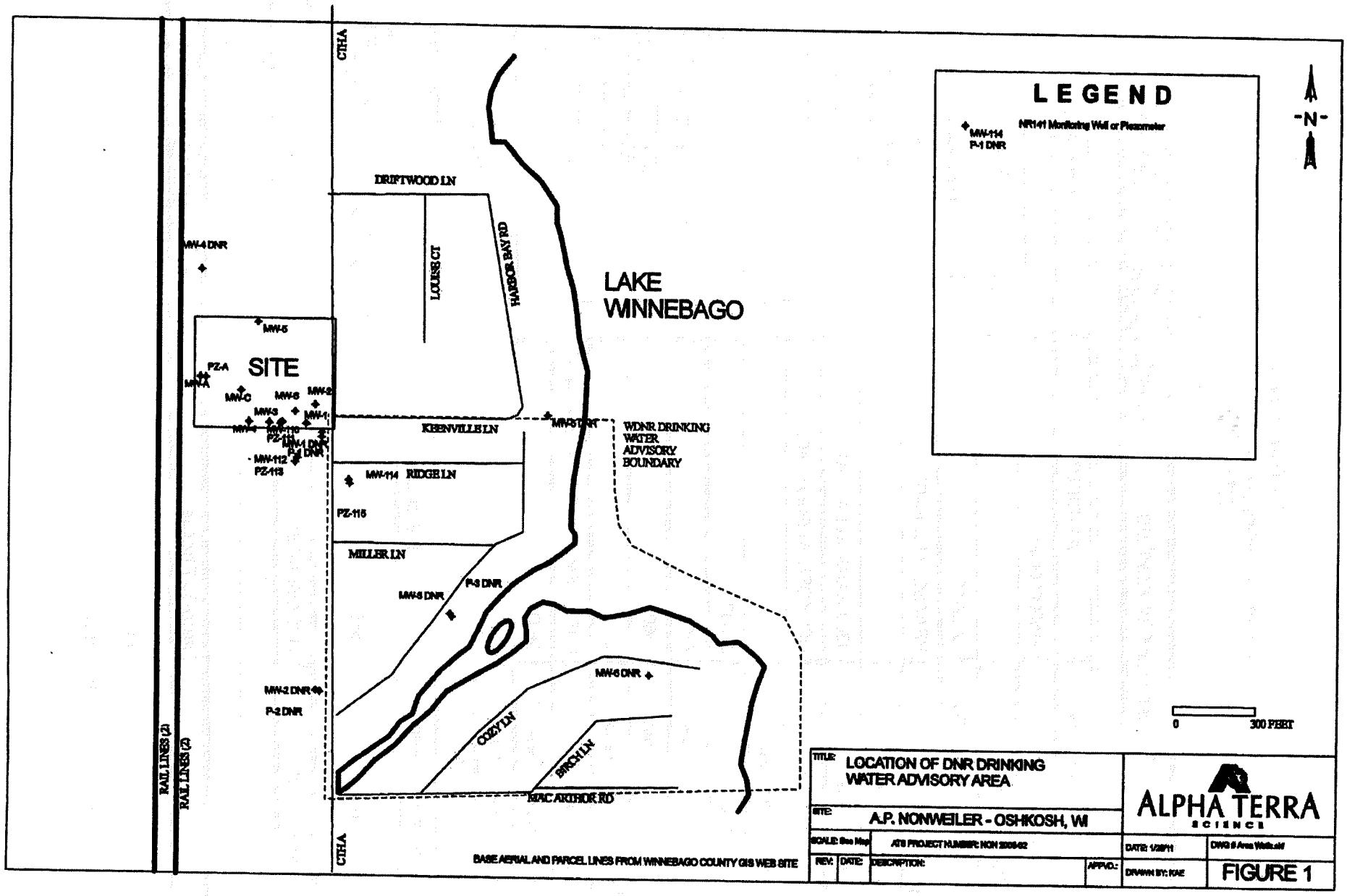
NONWEILER INVESTMENTS, LLC

Dr. Mark Nonweiler
Managing Member

Attachments: Figure 1: Location of Drinking Water Advisory Area
Legal Description

Cc: Kathleen Sylvester, WDNR, Oshkosh Center, 625 E. County Road Y, Oshkosh, WI 54901 via e-mail
Ken Ebbott, Alpha Terra Science, 1237 Pilgrim Road, Plymouth, WI 53073 via e-mail

OFF-SOURCE
A
PROPERTY



Profile Results

Only GIS layers which physically intersected the parcel you chose for profiling will be included in this report!.

View Profile List

Parcel Property/Tax Information	View Map!	View Map + AirPhoto!	Go Back To Main Viewer

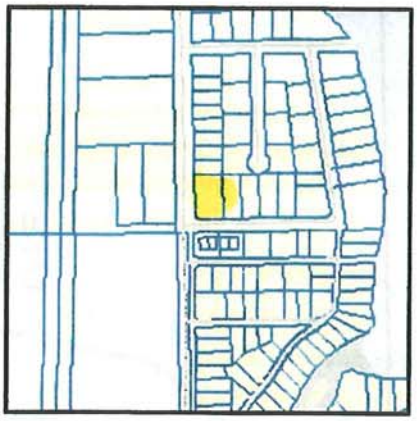
DESCRIPTION	ATTRIBUTE
Parcel Id.	91550000000
Document No.	
Linked To TaxRoll On:	12-22-10
Owner Name 1	BRAASCH/ RICHARD L & PAT
Owner Name 2	
Tax Address	3300 HARBOR BAY RD
City-State-Zip	OSHKOSH WI 54901-1405
Property Address	
Land Value*	38500
Improvement Value*	7100
Total Assessed Value*	45600
Section-Town-Range	n/a
Brief Property Desc. 1*	LOT 1 CSM 5160 DOC #1214104 R
Brief Property Desc. 2*	OF D
Brief Property Desc. 3*	
Brief Property Desc. 4*	
Treasurer/Tax History	View History...
Deed Acreage	0.589
School District	4179.OSHKOSH

Parcel Map

Tip!

Profile Results:

Use the scroll bar ---> on the right side of this page to scroll down and view the rest of the Parcel Profile Information Report.



* Assessed values for: 2010

* Brief Property Desc. lines (1-4) are provided for reference purposes only and should NOT be taken as the full legal description nor used to convey property!

Historic Photos	Go Back To Main Viewer

- **1941 Photo:** AIW-2B-16-41.tif View It!
- **1957 Photo:** AIW-1T-94-57.tif View It!

PROOF OF DELIVERY

NONWEILER

38 INDIVIDUALS ~~STATES~~

42 SITES

HAND DELIVERED

7-6-11

3 INDIVIDUALS { ERDMANN, MAGIE, OLH LLC for HSBC

5 SITES

TOTAL 7-28-11

47 SITES OF

49 TOTAL

7-28-11

HAND DELIVER

DICK FERNAU

TODD & BRENDA

SIGNED

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

CHARLES & FERNAU JR REV TRUST
850 MILLER LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Lorraine Fernau ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article (Transf

PS Form 595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

JAMES G JENKS
2917 SHADOW LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☒ Addressee

B. Received by (Printed Name) JENKS | C. Date of Delivery 6/7/11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Artic (Tran

PS For 2595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

THOMAS J NORQUIST
841 MILLER LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Tom Norquist ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

RONALD W & DALYCE A HASSE
3007 SHADOW LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Dal Hasse ☐ Agent ☒ Addres

B. Received by (Printed Name) DAL HASSE
C. Date of Deliv 6-7-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchanc
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Artic
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PS For 2595-02-M-

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

PINKERTON REAL ESTATE LLC
PO BOX 2157
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Lori Pease ☐ Agent ☐ Address

B. Received by (Printed Name) LORI PEASE
C. Date of Deliv 6-7-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandi
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Artic
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PS For 02595-02-M-1

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

RICHARD L & PATRICIA BRAASCH
3300 HARBOR BAY RD
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Patricia A Braasch ☐ Agent ☒ Address

B. Received by (Printed Name) PATRICIA A BRAASCH
C. Date of Deliv 6/7

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchand
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Artic
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SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

GRAHAM G GUENTHER
430 S 1ST AVE
WINNECONNE WI 54986

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) G. GUENTHER
C. Date of Delivery 6-8-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Artic
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PS Forr 2595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

NANCY L WILSON
835 MILLER LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) Nancy Wilson
C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 7722

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

AILEEN A DUEX
1609 W MURDOCK AVE
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☒ Addressee

B. Received by (Printed Name) AILEEN DUEX
C. Date of Delivery 6/7/11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Artic
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SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

JEANE M DROVER
2999 SHADOW LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☒ Addressee

B. Received by (Printed Name) [illegible] C. Date of Delivery 6-7-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article
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PS Form

595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MICHAEL P BURNS
831 MILLER LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☒ Addressee

B. Received by (Printed Name) MIKE BURNS C. Date of Delivery 6-8-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

OSHKOSH WI 54902 9998 JUN 9 2011

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 7739

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

KEITH DAVIS TRUST ETAL
2978 SHADOW LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☒ Addressee

B. Received by (Printed Name) Evelyn Davis C. Date of Delivery 6 June

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Arti
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SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

THOMAS HALLQUIST & L JOHNSON
2030 HAZEL ST
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☒ Agent ☐ Addressee

B. Received by (Printed Name) Eric Hallquist C. Date of Delivery 6-7-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 7692

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SCOTT A STRUENSEE
2967 SHADOW LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) Scott Struensee C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

USPS JUN 8 2011 OSHKOSH WI

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 7852

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SANDRA M WESTRICH
3192 COUNTY ROAD A
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Articl

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MARY E HENNELL
3212 COUNTY ROAD A
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Mary E Hennell ☐ Agent ☐ Addressee

B. Received by (Printed Name) Mary E Hennell C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

OSHKOSH WI 549 9998 JUN - 8 2011 USPS

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 7654

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

THOMAS A COATES
821 MILLER LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Thomas Coates ☐ Agent ☐ Addressee

B. Received by (Printed Name) Thomas Coates C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

USPS JUN - 8 2011 WI 54902-9998

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 7623

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

GARY C DEYOUNG
820 MILLER LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Gary DeYoung ☐ Agent ☐ Addressee

B. Received by (Printed Name) Gary DeYoung C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

TIM W WENZLAFF
6890 COUNTY ROAD T
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☑ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery 6/7

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 6985

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

KENNETH M & CATHLEEN WENDLER
830 MILLER LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) [illegible] 1060 0001 4358 7609

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

GERALD J & NANCY L SCHOOFS
2923 SHADOW LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) G. J. Schoofs | C. Date of Delivery 6-7-20

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

RONALD W & DALYCE A HASSE
3007 SHADOW LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Dal Hasse ☐ Agent ☒ Addressee

B. Received by (Printed Name) DAL HASSE
C. Date of Delivery 6/7

D. Is delivery address different from item 1? ☒ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 7586

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

EUGENE M & HARRAND REV TRUST
871 RIDGE LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Eugene Harrand ☐ Agent ☒ Addressee

B. Received by (Printed Name) EUGENE HARRAND
C. Date of Delivery 6/7/11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2

102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SCOTT C & DEBRA S PODELLA
W277N4862 JESSY CT
PEWAUKEE WI 53072

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Matt Podella ☐ Agent ☐ Addressee

B. Received by (Printed Name) Matt Podella
C. Date of Delivery 6/7/11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 6954

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

RYAN C HOLDREN
861 RIDGE LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☒ Addressee

B. Received by (Printed Name) Ryan Holdren C. Date of Delivery 6-7-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

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2595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

RICHARD L & DEBRA K SKINNER
841 RIDGE LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 7531

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

LINDA C KOHLER
5358 ANN ST
LARSEN WI 54947

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☒ Addressee

B. Received by (Printed Name) Linda C Kohler C. Date of Delivery 6-8-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 6947

PS Form 3811, February 2004

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

RUSSELL H RIEBEN
811 RIDGE LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

[signature]

WI 902-998 JUN - 8 2011 USPS

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 7500

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

JOHN & KATHLEEN LA BUWI
821 RIDGE LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) JOHN LA BUWI | C. Date of Delivery 6-7-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

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PS For 2595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

DAVID J BIRLING
805 KEENVILLE LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

JUN 2011 9998

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

RODNEY A & JENNY L MARKHAM
2947 SHADOW LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X J Markham ☐ Agent ☒ Addressee

B. Received by (Printed Name) JENNIFER MARKHAM C. Date of Delivery 6/7/11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

☐ Yes

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PS Form

595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

DONNA M LANDERS
815 KEENVILLE LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Donna Landers ☐ Agent ☒ Addressee

B. Received by (Printed Name) DONNA LANDERS C. Date of Delivery 6-7-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

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PS For

2595-02-M-1540

SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SCOTT E LEMIESZ
825 KEENVILLE LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Scott E Lemiesz ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number

7010 1010 0001 4358 2470

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MARIE MISTEREK LIFE ESTATE
2963 SHADOW LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☒ Addressee

B. Received by (Printed Name) LINDA L Regal — C. Date of Delivery 6/7/11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article
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PS Form 595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MARSHA L FRITZ
835 KEENVILLE LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Marsha Fritz ☐ Agent ☒ Addressee

B. Received by (Printed Name) Marsha Fritz — C. Date of Delivery 6-7-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Articl
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PS Form 595-02-M-1540

SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

RUSSELL E & MARGARET M LOSSE
845 KEENVILLE LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Russell Losse ☐ Agent ☒ Addressee

B. Received by (Printed Name) RUSSELL Losse — C. Date of Delivery 6-7-2011

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Arti

SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

ELMER W & RUTH E STRYZEWSKI
2977 SHADOW LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Ruth E Stryzewski ☐ Agent ☒ Addressee

B. Received by (Printed Name) RUTH E STRYZEWSKI
C. Date of Delivery 6/7

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 7845

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

RICHARD F FERNAU
7617 PRELLWITZ RD
RIPON WI 54971

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Richard Fernau ☐ Agent ☒ Addressee

B. Received by (Printed Name) RICHARD FERNAU
C. Date of Delivery 7-28-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1060 0001 4358 7821

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

ALLEN E BIETTLER JR
831 RIDGE LN
OSHKOSH, WI 54901

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☒ Addressee

B. Received by (Printed Name) Lorrie Biettler
C. Date of Delivery 6-7-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Artic
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PS For

2595-02-M-1540

ALPHA TERRA
SCIENCE

Alpha Terra Science, Inc.
1237 Pilgrim Road, Plymouth, WI 53073
TEL 920/892-2444 FAX 920/892-2620
Website: www.alphaterra.net
E-mail: alphaterra@alphaterra.net

June 2, 2011

Mr. David Patek
Director of Public Works
City of Oshkosh
P.O. Box 1130
Oshkosh, WI 54903-1130

RE: Notification of Contamination on City Right of Way from Nonweiler Investments LLC Property, 3321 – 3341 County A / North Shore Drive, Oshkosh, WI
WDNR BRRTS # 02-71-000684, Tax Parcel # 915-1960-7500

Dear Mr. Patek:

Nonweiler Investments LLC is the responsible party for chlorinated solvent contamination at the existing property at 3321 – 3341 County A / North Shore Drive, Oshkosh, WI. Alpha Terra Science was retained to provide consulting services to investigate contaminated soil and groundwater on and off the property. Borings were advanced and wells were installed to obtain soil and groundwater chemistry samples from 1995 to 2006. Injection of a solution containing edible oil was completed in 2007 to accelerate the degradation of the chlorinated solvent contamination on the property. From 2007 to 2011, groundwater samples have been obtained from monitoring wells installed at and near the site to evaluate the progress of the contaminant degradation. Based on the chemistry results, this site will soon be under consideration for closure by the Wisconsin Department of Natural Resources (WDNR).

Contaminated saturated soil and groundwater persist beneath the property and into the right of way of County A (North Shore Drive) immediately east of the property. As a condition for closure, it is required that we notify the City of Oshkosh of the contamination.

Based on laboratory analytical results, trichloroethene, cis-1,2-dichloroethene, and vinyl chloride have been detected in the soil and / or groundwater at concentrations greater than specified WDNR standards. The contamination extends into the grass right of way west of County A, and beneath County A. The depth of contamination may be as shallow as the approximate depth of the water table surface, which ranges from approximately 1 to 4 feet below grade, and may extend to the bedrock surface at approximately 17 feet below grade.

For your records, we have enclosed a site location map (Figure 2), a map of the soil chemistry results prior to injection of chemicals that degraded the contaminants (Figure 4 - no post-injection soil testing

was performed), cross-sections that extend into the street showing the most recent groundwater chemistry results (Figure 5A and Figure 6A), and maps of the most recent remaining groundwater chemistry results for the site and the area (Figures 9 and 10). Tables showing the water levels, soil chemistry results and groundwater chemistry results are also provided. This information identifies and illustrates the magnitude and the extent of the remaining environmental contamination.

Please feel free to call should you have any questions or comments.

Sincerely,

Kendrick A. Ebbott
Alpha Terra Science

Attachments: Figures 2, 4, 5A, 6A, 9, 10
Tables 1, 2, 3

Cc: Ms Kathy Sylvester, WDNR, via email
Mr. Mark Nonweiler, Nonweiler Investments LLC, via e-mail

APPROXIMATE PROPERTY LINE

BLDG

BLDG

FORMER
WISCONSIN ORDNANCE

Asphalt

MW-4 DNR

Grass

TB-2

TB-1

Asphalt

TB-3

Grass

APPROXIMATE PROPERTY LINE

APPROXIMATE PROPERTY LINE

Asphalt

MW-5

Asphalt

Misc. Combustible
Storage

GRAB #1 TB-8

TB-21

TB-7

TW-4

Grass Ditch

Pond
(Fire Fighting
Sprinker
System Water)

Asphalt

A.P. NONWEILER CO.

Building Cap

Nitrocellulose
Shed

B-12
B-14 TB-9

COURTYARD:
Former UST
Investigation
Area

Blower

Warehouse

Asphalt

TB-5

TW-2

FORMER
THILL CO
3341

TB-22

RAILROAD TRACKS

RAILROAD RIGHT-OF-WAY

B-4

MW-B
MW-B B-3

B-16

Building Cap

Dock

TW-8

CORRIM
DOOR
3331

Asphalt

B-5 MW-A PZ-A TB-10

B-15 B-18 B-1

Pump
House

B-2
B-13

GP-122

TW-3

TW-1
(ECCI)

TCE 50

B-17 / MW-C (N)

Manufacturing

B-6

TB-11

B-7

A.P. NONWEILER CO.
3321

Asphalt

TW-2 (ECCI)

GP-121

MW-2

TW-7

TB-6

MW-6

ENTRANCE

TW-1

TB-4

GP2

GP-118

GP-113

Solvent /
Resin
Dry
Storage

Storage

Offices
and
Lab

TCE 100

TCE 10,000

GP1

MW-4

DRIVEWAY

GP-120

MW-3

PZ-111

MW-110

GP-116

GP-112

MW-5

GP-114

GP-117

Asphalt

GP-115

Concrete

Grass Ditch

Grass Ditch

TB-12

APPROXIMATE PROPERTY LINE

TW-5

Ditch West

Ditch East

TW-6

TCE 100

TCE 10,000

TCE 1,000

TCE 100

P-1 DNR

MW-1 DNR

I-94

Concrete

GP-119

2-94

TB-23

PZ-113

MW-112

TCE 1,000

TCE 100

TCE 100 TCE 1,000 TCE 100

C.R. MEYER
CONSTRUCTION

5-94

RESIDENTIAL

CTH A / NORTH SHORE DRIVE

RESIDENTIAL

KEENVILLE
LANE

RIDGE LANE

STEVEN
LEE LOT

MW-114

PZ-115

LEGEND

- MW-3 EXISTING NR-141 WELL OR PIEZOMETER
- TB-6 SOIL BORING
- TW-8 FORMER BORING / TEMPORARY WELL (Solid is Abandoned)

TCE ISOCONTOUR (DASHED WHERE INFERRED)
100 ug/kg

25 0 60

SCALE 1 INCH = 60 FEET

N

Nonweiler Investments - Oshkosh, WI

Soil Isoconcentration
TCE

REV	DATE	DESCRIPTION	APPVD

ALPHA TERRA SCIENCE

DATE 5/31/11 Dwg # Site Map(1=60).skf

APPROVED KAE

FIGURE 2

APPROXIMATE PROPERTY LINE

BLDG

BLDG

FORMER
WISCONSIN ORDNANCE

Asphalt

MW-4 DNR

Grass

TB-2

TB-1

Asphalt

Asphalt

TB-3

Grass

APPROXIMATE PROPERTY LINE

APPROXIMATE PROPERTY LINE

MW-5

Asphalt

Misc. Combustible
Storage

GRAB #1

TB-8

TB-21

TB-7

Grass Ditch

TW-4

Pond
(Fire Fighting
Sprinker
System Water)

Asphalt

A.P. NONWEILER CO.

Building Cap

Nitrocellulose
Shed

B-12
B-14

TB-9

COURTYARD:
Former UST
Investigation
Area

Blower

Warehouse

Asphalt

TB-5

TW-2

FORMER
THILL CO
3341

TB-22

RAILROAD TRACKS

RAILROAD RIGHT-OF-WAY

B-4

MW-B
MW-B

B-3

B-16

Building Cap

Dock

TW-8

B-5

MW-A

PZ-A

TB-10

B-15

B-18

B-1

Pump
House

B-2
B-13

CORRIM
DOOR
3331

Asphalt

GP-122

B-17 / MW-C (N)

TW-3

TW-1
(ECCI)

TCE
>0.5
(PAL)

Manufacturing

B-6

TB-11

B-7

A.P. NONWEILER CO.
3321

Asphalt

TW-2 (ECCI)

GP-121

MW-2

TW-7

TB-6

MW-6

ENTRANCE

TW-1

GP-113

GP2

GP-118

TB-4

TCE >0.5 (PAL)

GP1

Solvent /
Resin
Dry
Storage

Storage

Offices
and
Lab

TCE 5

MW-4

DRIVEWAY

GP-120

MW-3

PZ-111

MW-110

GP-116

GP-112

MW-5

GP-114

GP-117

Asphalt

GP-115

TB-12

TW-5

Grass Ditch

Concrete

Grass Ditch

TW-6

APPROXIMATE PROPERTY LINE

Ditch West

Ditch East

I-94

P-1 DNR

TCE 500

MW-1 DNR

GP-119

Concrete

2-94

TB-23

PZ-113

MW-112

TCE 50

C.R. MEYER
CONSTRUCTION

5-94

LEGEND

MW-3 EXISTING NR-141 WELL OR PIEZOMETER

TB-6 SOIL BORING

TW-8 FORMER BORING / TEMPORARY WELL (Solid is Abandoned)

TCE 50 TCE ISOCONTOUR (ug/l)

25 0 60

SCALE 1 INCH = 60 FEET

CTH A / NORTH SHORE DRIVE

RESIDENTIAL

KEENVILLE
LANE

RIDGE LANE

STEVEN
LEE LOT

MW-114

PZ-115

RESIDENTIAL

TCE >0.5 (PAL)

N

Nonweiler Investments - Oshkosh, WI

Groundwater Isoconcentration
TCE December 2010

REV	DATE	DESCRIPTION	APP'D

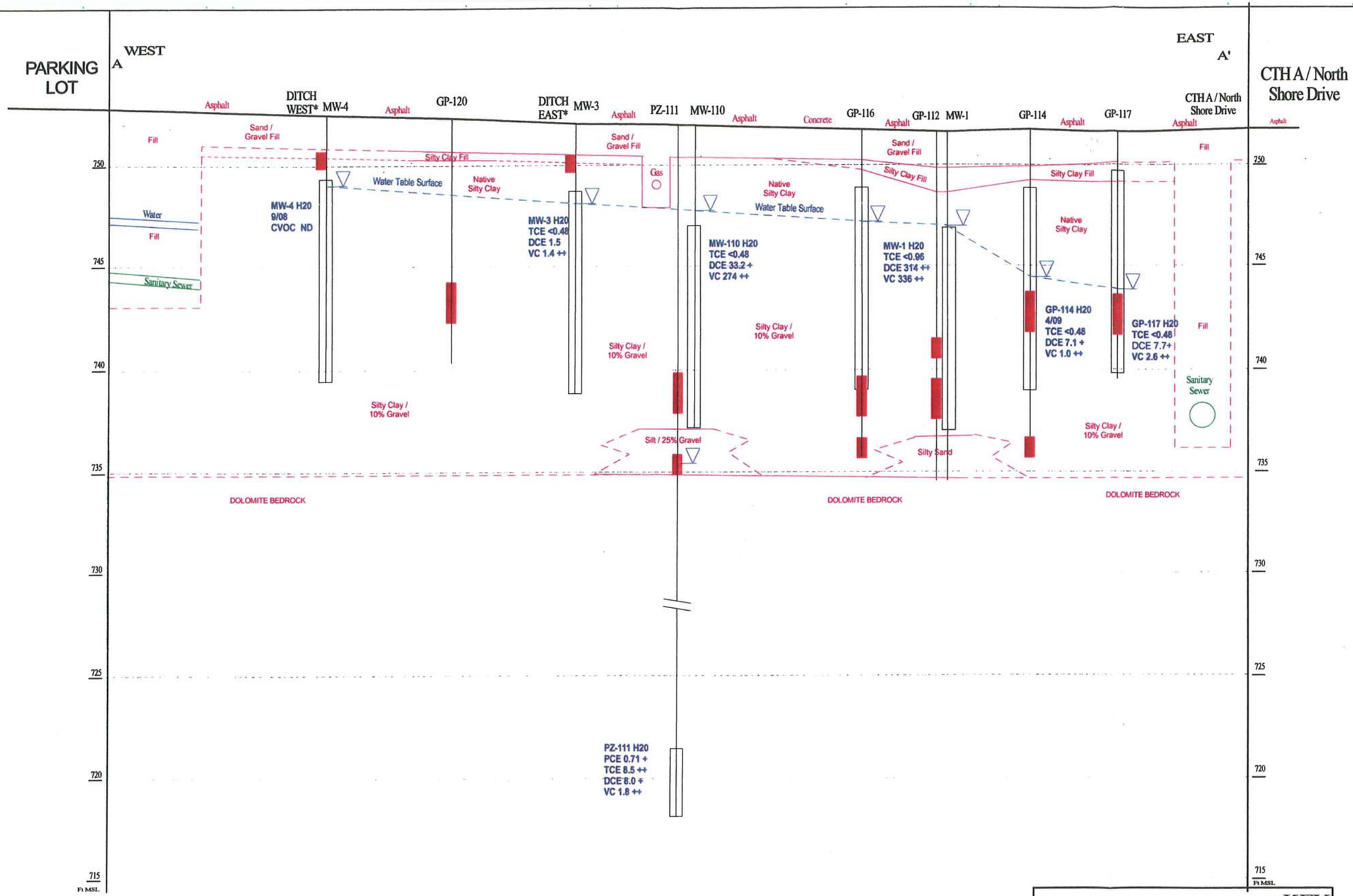
ALPHA TERRA SCIENCE

DATE: 5/31/11

DWG # Site Map(1=60).skf

APPROVED: KAE

FIGURE 4



SCALE : Horizontal 1 " = 30 ft
Vertical 1" = 5 ft

Title: GEOLOGIC CROSS SECTION A-A' POST-REMEDIATION	ALPHA TERRA SCIENCE
Project: NONWEILER INVESTMENTS LLC, OSHKOSH, WI	Fig #: See Figure / Dwg #: 5A
Client: NONWEILER	Drawn By: KAE / Date: May 31, 2011

KEY

Water Chemistry (ug/l)
PCE: Tetrachloroethene
DCE : Cis 1,2 Dichloroethene
TCE: Trichloroethene
VC : Vinyl Chloride
++ : Exceeds NR 140 ES value
+ : Exceeds NR 140 PAL value

MW-4 — Borehole or Monitoring Well Location
Screened Interval
Water Level 10/3/05
Investigation
Soil Sample

* Projected Onto Cross Section

GEOLOGIC CONTACT, ESTIMATED
GEOLOGIC CONTACT, INFERRED

Groundwater chemistry from April 2011 unless indicated
CVOC ND = No detect for Chlorinated VOC's

NORTH
B

Former Degreasing Tank (Location Estimated)

FORMER THILL COMPANY

SOUTH
B'

GP-122 | TW-1 (ECCI) | GP-121 | GP-113 | GP-112 | MW-1 | GP-115 | P-1 (CR) | MW-1 (CR) | GP-119

Concrete | Concrete | Asphalt | Asphalt | Grass | Grass | Grass | Grass | Asphalt

CTH A / North Shore Drive

CTH A / North Shore Drive

Sand Fill | Sand Fill | Sandy Silt Fill | Sandy Clay Fill | Fill | Sand / Gravel Fill | Silty Clay / Gravel Fill | Native Silt | Native Silty Clay | Fill (Gas) | Native Silt | Native Silty Clay | Native Silt | Fill

Water Table Surface

Native Silty Clay | Native Silty Clay | Native Silty Clay | Water Table Surface

Fill (Water) | Sanitary Sewer

GP-122 H20
TCE <0.48
DCE 0.91
VC 1.9 ++

TW-1 (ECCI) H20
TCE <0.48
DCE <0.83
VC 1.5 ++

GP-121 H20
TCE 3.9 +
DCE 117 ++
VC 87 ++

GP-113 H20
TCE <0.48
DCE 17.7 +
VC 11.3 ++

MW-1 H20
TCE <0.96
DCE 314 ++
VC 336 ++

GP-115 H20
TCE <0.48
DCE 32.5 +
VC 40.0 ++

MW-1 DNR H20
TCE 606 ++
DCE 639 ++
VC 34 ++

P-1 (DNR) H20
12/10
CVOC ND

Silty Clay / 10% Gravel | Silty Clay / 10% Gravel | Silty Clay / 10% Gravel | Silty Clay / 10% Gravel | Silty Clay / 10% Gravel | Fill | Sanitary Sewer

Silty Sand

DOLOMITE BEDROCK | DOLOMITE BEDROCK | DOLOMITE BEDROCK

750	750
745	745
740	740
735	735
730	730
725	725
720	720
715 Ft MSL	715 Ft MSL

SCALE : Horizontal 1 " = 20 ft
Vertical 1" = 5 ft

Title: POST-REMEDIATION
NORTH / SOUTH CROSS SECTION B-B'

Project: NONWEILER INVESTMENTS LLC, OSHKOSH, WI

Client: NONWEILER

ALPHA TERRA SCIENCE

Fig: See Figure	Fig #: 6A
Drawn By: KAE	Date: May 31, 2011

KEY

Water Chemistry (ug/l)
DCE : Cis 1,2 Dichloroethene
TCE: Trichloroethene
VC : Vinyl Chloride
++ : Exceeds NR 140 ES value
+ : Exceeds NR 104 PAL value

MW-1 — Borehole or Monitoring Well Location
Screened Interval
Water Level 10/3/05
Soil Sample

GEOLOGIC CONTACT, ESTIMATED
GEOLOGIC CONTACT, INFERRED

Groundwater chemistry from April 12, 2011 unless Indicated otherwise
CVOC ND = No detect for Chlorinated VOC's

APPROXIMATE PROPERTY LINE

FORMER
WISCONSIN ORDNANCE

MW-4 DNR

Grass

TB-1

TB-2

TB-3

APPROXIMATE PROPERTY LINE

RAILROAD TRACKS

RAILROAD RIGHT-OF-WAY

Asphalt

SHALLOW GROUNDWATER FLOW 4/11

MW-5

Asphalt

Misc. Combustible Storage

GRAB #1

TB-8

TB-21

TB-7

TW-4

Pond (Fire Fighting Sprinker System Water)

Asphalt

A.P. NONWEILER CO.

APPROXIMATE PROPERTY LINE

Nitrocellulose Shed

B-12
B-14
TB-9

COURTYARD: Former UST Investigation Area

Blower

Warehouse

Asphalt

TB-5

TW-2

FORMER THILL CO 3341

TB-22

B-4

MW-B
MW-B
B-3

B-16

Dock

TW-8

CORRIM DOOR 3331

B-5

MW-A
PZ-A

TB-10

Pump House

B-15
B-18
B-1
B-2
B-13

TCE <0.48
cis DCE <0.83
VC <0.18

B-17 / MW-C (N)
TCE <0.48
cis DCE <0.83
VC 0.51**
M 169

GP-122
TCE <0.48
cis DCE 0.91
VC 1.9**
M 82

TW-3

TW-1 (ECCI)
TCE <0.48
cis DCE <0.83
VC 1.5**
M 239

Asphalt

Manufacturing

B-6

TB-11

B-7

A.P. NONWEILER CO. 3321

Asphalt

VC 20

GP-121
TCE 3.9*
cis DCE 117**
VC 87**
M 4020

TW-2 (ECCI)

MW-2

TW-7

TB-6

MW-6

ENTRANCE

TW-1

GP2

GP-118

GP-113
TCE <0.48
cis DCE 17.7
VC 11.3**
M 73.3

TB-4

GP1

Solvent / Resin Dry Storage

Storage

Offices and Lab

TCE 5

VC 200

MW-4

DRIVEWAY

GP-120

MW-3

PZ-111

MW-110

GP-116

GP-112

MW-1

GP-114

GP-117
TCE <0.48
cis DCE 7.7*
VC 2.6**
M 21.4

Asphalt

TCE <0.48
cis DCE 1.5
VC 1.4**
M 8890

TCE <0.48
cis DCE <0.83
VC 0.92**
M 5150

TCE <0.48
cis DCE 33.2*
VC 27.5*
M 5520

TCE <0.48
cis DCE 314**
VC 33.5*
M 11200

GP-115
TCE <0.48
cis DCE 32.5*
VC 40.0**
M 7530

TB-12

APPROXIMATE PROPERTY LINE

TW-5

TW-6

Ditch West

Ditch East

I-94

P-1 DNR

TCE 500

MW-1 DNR
TCE 606**
cis DCE 639**
VC 34**
M 482

GP-119

Concrete

2-94

TB-23

PZ-113

MW-112
TCE <0.48
cis DCE <0.83
VC <0.18
M 5

VC 20

TCE 50

C.R. MEYER CONSTRUCTION

5-94

RESIDENTIAL

CTH A / NORTH SHORE DRIVE

KEENVILLE LANE

RIDGE LANE

STEVEN LEE LOT

MW-114
TCE 13.6**
cis DCE 44.2*
VC 5.8**
M 22

PZ-115

RESIDENTIAL

LEGEND

- MW-3 EXISTING NR-141 WELL OR PIEZOMETER
- TB-6 SOIL BORING
- TW-6 FORMER BORING / TEMPORARY WELL (Solid Is Abandoned)

Groundwater Chemistry Results (ug/l)
Sample Date if Not 4/12/11
Trichloroethene
cis 1,2-Dichloroethene
Vinyl Chloride
Methane
* : Exceeds NR140 Preventive Action Limit Standard
** Exceeds NR140 Enforcement Standard

TCE <0.48
cis DCE <0.83
VC <0.18
M 5

TCE 50 TCE ISOCONTOUR (ug/l)

VC 200 VC ISOCONTOUR (ug/l)

N

25 0 60

SCALE 1 INCH = 60 FEET

Nonweiler Investments - Oshkosh, WI

GROUNDWATER CHEMISTRY
APRIL 12, 2011

REV	DATE	DESCRIPTION	APPVD

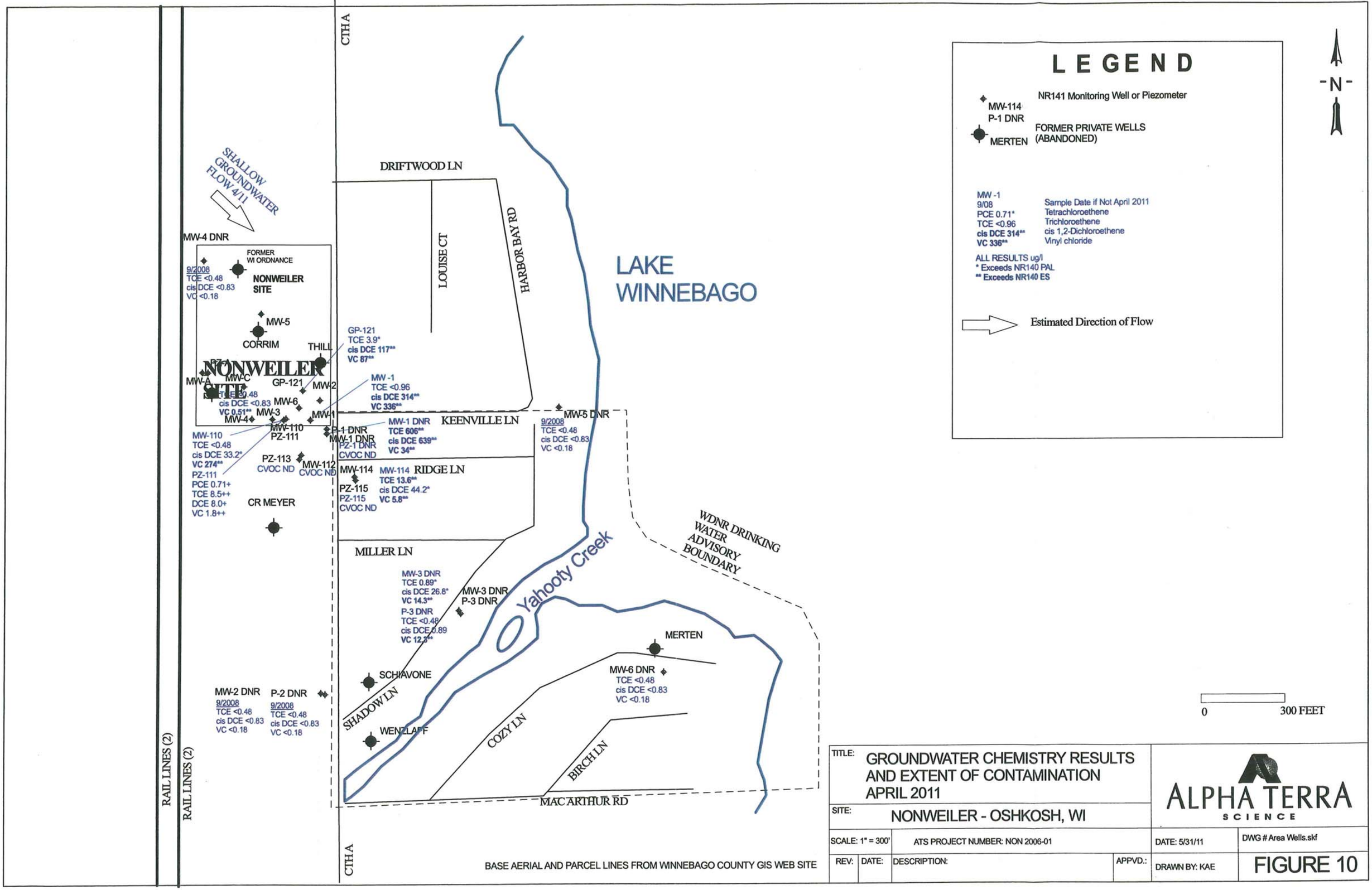
ALPHA TERRA SCIENCE

DATE: 5/31/11

APPROVED: KAE

DWG #... Site Map(1=60).dwf

FIGURE 9



LEGEND

MW-114 / P-1 DNR — NR141 Monitoring Well or Piezometer

MERTEN — FORMER PRIVATE WELLS (ABANDONED)

MW -1
9/08 — Sample Date if Not April 2011
PCE 0.71* — Tetrachloroethene
TCE <0.96 — Trichloroethene
cis DCE 314** — cis 1,2-Dichloroethene
VC 336** — Vinyl chloride

ALL RESULTS ug/l
* Exceeds NR140 PAL
** Exceeds NR140 ES

Estimated Direction of Flow

N

0 300 FEET

BASE AERIAL AND PARCEL LINES FROM WINNEBAGO COUNTY GIS WEB SITE

TITLE: GROUNDWATER CHEMISTRY RESULTS AND EXTENT OF CONTAMINATION APRIL 2011					ALPHA TERRA SCIENCE
SITE: NONWEILER - OSHKOSH, WI					
SCALE: 1" = 300'	ATS PROJECT NUMBER: NON 2006-01			DATE: 5/31/11	DWG # Area Wells.skf
REV:	DATE:	DESCRIPTION:	APPVD.:	DRAWN BY: KAE	FIGURE 10

TABLE 2 SOIL CHEMISTRY ANALYTICAL RESULTS
SITE INVESTIGATION DATA: PRE-REMEDIATION
NONWEILER INVESTIGATION, OSHKOSH, WI

					Chlorinated VOCs								
Sample ID	Location	Depth (feet)	Date	PID Reading (su)	**cis-1,2 DCE** (ug/kg)	trans-1,2 DCE (ug/kg)	111-Tri Chloro ethane (ug/kg)	**PCE** (ug/kg)	**TCE** (ug/kg)	**TCLP TCE** (mg/l)	Vinyl Chloride (ug/kg)	Total Organic Carbon (mg/kg)	Other
NONWEILER FORMER UST AREA IN COURTYARD													
Grab # 1	NW Corner of Pond	0-1'			ND	ND	ND	ND	ND	NA	ND	NA	
B-1	SE by Bldg	7-9'	1997	>2000	ND	ND	ND	ND	ND	NA	ND	NA	
B-1	SE by Bldg	11-13'	1997	48.9	ND	ND	ND	ND	ND	NA	ND	NA	
B-2	S by Bldg	9-10'	1997	>2000	ND	ND	ND	ND	ND	NA	ND	NA	
B-2	S by Bldg	13-15'	1997	61.7	ND	ND	ND	ND	ND	NA	ND	NA	
B-3	E by Bldg	1-3'	1997	145.9	ND	ND	ND	ND	ND	NA	ND	NA	
B-3	E by Bldg	3-5'	1997	17.9	ND	ND	ND	ND	ND	NA	ND	NA	
B-3	E by Bldg	11-13'	1997	34.6	ND	ND	ND	ND	ND	NA	ND	NA	
B-4	W in Courtyard	7-9'	1997	48.0	ND	ND	ND	ND	ND	NA	ND	NA	
B-4	W in Courtyard	9-11'	1997	10.5	ND	ND	ND	ND	ND	NA	ND	NA	
B-5	SW in Courtyard	3-5'	1997	3.7	ND	ND	ND	ND	ND	NA	ND	NA	
TB-8	Courtyard of Nonweiler	0-6	1998	ND	ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-8	Courtyard of Nonweiler		1998	ND	NA	NA	NA	NA	NA	NA	NA	NA	
TB-10	Courtyard of Nonweiler	0-6	1998	ND	ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-10	Courtyard of Nonweiler	6-11	1998	ND	ND	ND	3	0.5	1	NA	ND	NA	Field GC
TB-10	Courtyard of Nonweiler	9-11	1998	ND	ND	ND	ND	ND	ND	NA	ND	NA	Lab
EAST OF NONWEILER BUILDING													
B-6	W in Courtyard	1-3	1997	18.8	ND	ND	ND	ND	ND	NA	ND	NA	
B-7	W in Courtyard	9-11	1997	10.0	ND	ND	ND	110	ND	NA	ND	NA	
B-7	SW in Courtyard	11-12	1997	3.9	ND	ND	ND	ND	ND	NA	ND	NA	
TB-11	E at Nonweiler	0-6	1998		ND	ND	ND	ND	ND	NA	ND	NA	
NORTH BORINGS													
TB-1	N of Nonweiler Bldg		1998	ND	NA	NA	NA	NA	NA	NA	NA	NA	
TB-2	N of Former Thill Bldg		1998	ND	NA	NA	NA	NA	NA	NA	NA	NA	
TB-21	NW of Former Thill		1998	ND	NA	NA	NA	NA	NA	NA	NA	NA	
MW-5	NW of Corrim		2003		NA	NA	NA	NA	NA	NA	NA	NA	
TW-4	NW of Corrim	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
INSIDE FORMER THILL BUILDING													
MW-6	S Dock Door	?	2004		ND	ND	ND	ND	ND	NA	ND	NA	
MW-6	S Dock Door	12-13.5	2004		ND	ND	ND	ND	ND	NA	ND	NA	
TW-2 ECCI	SW Corner	?	2004		ND	ND	ND	ND	ND	NA	ND	NA	
GP-121	By Office, E Bldg	3.2-4.5'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-121	By Office, E Bldg	15-16'	9/8/2005	1.3	**670**	<25	<25	<25	**61**	NA	<25	NA	
GP-122	Center East of Bldg	4-5'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-122	Center East of Bldg	15-16'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	

TABLE 2 SOIL CHEMISTRY ANALYTICAL RESULTS														
SITE INVESTIGATION DATA: PRE-REMEDIATION														
NONWEILER INVESTIGATION, OSHKOSH, WI														
					Chlorinated VOCs									
Sample ID	Location	Depth (feet)	Date	PID Reading (su)	cis-1,2 DCE (ug/kg)	trans-1,2 DCE (ug/kg)	111-Tri Chloro ethane (ug/kg)	PCE (ug/kg)	TCE (ug/kg)	TCLP TCE (mg/l)	Vinyl Chloride (ug/kg)	Total Organic Carbon (mg/kg)	Other
AROUND CORRIM DOOR AND FORMER THILL BUILDINGS													
TB-4	SE Corner Former Thill	16-18	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-5	N End of Alley Thill and Corrim	0-6	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-6	S End of Alley Thill and Corrim		1998	ND	NA	NA	NA	NA	NA	NA	NA	NA	
TB-7	E of Former Thill	0-6	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-7	E of Former Thill	6-9	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-22A	E of Former Thill in Ditch	0-6	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-22A	E of Former Thill in Ditch	6-8	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-22B	E of Former Thill in Ditch	8-10	1998		ND	ND	ND	ND	ND	NA	ND	NA	
TB-22	E of Former Thill in Ditch	17-18.5	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TW-1	SE Corner of Former Thill	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
TW-2	N End of Alley Thill and Corrim	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
TW-3	S End of Alley Thill and Corrim	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
TW-6	S of Alley in Ditch	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
TW-7	SW corner Corrim	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
TW-8	W of Corrim	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
GP-1	SE of Holding Tank	7.5-8'	1999	ND	ND	ND	ND	ND	ND	NA	ND	NA	Refusal 12-14'
GP-1	SE of Holding Tank	10-12'	1999	ND	ND	ND	ND	ND	ND	NA	ND	NA	Refusal 12-14'
GP-2	W of Holding Tank	2-4'	1999	ND	ND	ND	ND	ND	ND	NA	ND	NA	Refusal 12-14'
GP-2	W of Holding Tank	8-10'	1999	ND	ND	ND	ND	ND	ND	NA	ND	NA	Refusal 12-14'
MW-1	S of Former Thill	3-7'	2000	10 to 21	NA	NA	NA	NA	NA	NA	NA	NA	
MW-1	S of Former Thill	7-9'	2000	154	NA	NA	NA	NA	NA	NA	NA	NA	
MW-1	S of Former Thill	9-11'	2000	3.0	NA	NA	NA	NA	NA	NA	NA	NA	
MW-1	S of Former Thill	11-17'	2000	ND	NA	NA	NA	NA	NA	NA	NA	NA	
MW-2	SE of Former Thill	0-17'?	2000	ND	NA	NA	NA	NA	NA	NA	NA	NA	
MW-3	Driveway		2003		NA	NA	NA	NA	NA	NA	NA	NA	
MW-4	Driveway		2003		NA	NA	NA	NA	NA	NA	NA	NA	

TABLE 2 SOIL CHEMISTRY ANALYTICAL RESULTS
SITE INVESTIGATION DATA: PRE-REMEDIATION
NONWEILER INVESTIGATION, OSHKOSH, WI

					Chlorinated VOCs								
Sample ID	Location	Depth (feet)	Date	PID Reading (su)	**cis-1,2 DCE** (ug/kg)	trans-1,2 DCE (ug/kg)	111-Tri Chloro ethane (ug/kg)	**PCE** (ug/kg)	**TCE** (ug/kg)	**TCLP TCE** (mg/l)	Vinyl Chloride (ug/kg)	Total Organic Carbon (mg/kg)	Other
AROUND CORRIM DOOR AND FORMER THILL BUILDINGS													
GP-112	Next to MW-1	10-11'	9/8/2005	254	<250	<250	<250	<250	**73,000**	**0.59**	<250	NA	
GP-112	Next to MW-1	12-14'	9/8/2005	1.9	<25	<25	<25	<25	**43**	NA	<25	NA	
GP-112	Next to MW-1	16-17'	9/8/2005	0.0	**64**	<25	<25	<25	**910**	NA	<25	NA	
GP-113	S by Former Thill in Planter	8-10'	9/9/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-113	S by Former Thill in Planter	11-12'	9/9/2005	0.0	NA	NA	NA	NA	NA	NA	NA	1600	
GP-114	25' E of MW-1	8-10'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-114	25' E of MW-1	15-16'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-115	S of MW-1	12-14'	9/9/2005	535	<1200	<1200	<1200	<1200	**240,000**	**2.2**	<1200	NA	
GP-115	S of MW-1	15-16'	9/9/2005	79	<120	<120	<120	<120	**30,000**	NA	<120	NA	
GP-116	25' W of MW-1	12-14'	9/8/2005	56	<62	<62	<62	<62	**16,000**	0.10	<62	NA	
GP-116	25' W of MW-1	15-16'	9/8/2005	0.0	<25	<25	<25	<25	**97**	NA	<25	NA	
GP-117	50' E of MW-1	8-10'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-118	S by Former Thill Door	4-5.5	9/9/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-118	S by Former Thill Door	8-10	9/9/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-120	W of MW-3	8-10	9/9/2005	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
GP-120	W of MW-3	11-12	9/9/2005	0.0	NA	NA	NA	NA	NA	NA	NA	7200	
PZ-111	S of Alley between Corrim and Former Thill	12-14	9/9/2005	663	<250	<250	<250	<250	**65,000**	NA	<250	NA	
PZ-111	S of Alley between Corrim and Former Thill	16-17.1	9/9/2005	5.4	<25	<25	<25	<25	**630**	NA	<25	1600	
Ditch East	S Ditch S of MW-3	0-1' ?	2003	0.0	ND	ND	ND	ND	ND	NA	ND	NA	
Ditch West	S Ditch S of MW-4	0-1' ?	2003	0.0	ND	ND	ND	ND	ND	NA	ND	NA	

TABLE 2 SOIL CHEMISTRY ANALYTICAL RESULTS
SITE INVESTIGATION DATA: PRE-REMEDIATION
NONWEILER INVESTIGATION, OSHKOSH, WI

					Chlorinated VOCs								
Sample ID	Location	Depth (feet)	Date	PID Reading (su)	**cis-1,2 DCE** (ug/kg)	trans-1,2 DCE (ug/kg)	111-Tri Chloro ethane (ug/kg)	**PCE** (ug/kg)	**TCE** (ug/kg)	**TCLP TCE** (mg/l)	Vinyl Chloride (ug/kg)	Total Organic Carbon (mg/kg)	Other
CR MEYER PROPERTY													
TW-5	SE of Nonweiler in Ditch	0-4' ?	1996		ND	ND	ND	ND	ND	NA	ND	NA	
2-94	East on CR Meyer	2'			ND	ND	ND	ND	ND	NA	ND		Acetone 140
TB-12	S of Nonweiler	0-5	1998		ND	ND	ND	ND	ND	NA	ND	NA	Field GC
TB-13	Center on CR Meyer	0-6	1998		ND	ND	ND	ND	2	NA	ND	NA	Field GC
TB-23	E of CR Meyer	8-10	1998		**260**	ND	ND	ND	**850**	NA	ND	NA	
MW-1 CR	NE Corner CR Meyer		1996						**280**	NA			280 Total VOCs
GP-119	ROW - S of MW-1CR	10-12'	9/8/2005	20	**370**	<25	<25	<25	**6,700**	NA	<25	NA	
GP-119	ROW - S of MW-1CR	14-16'	9/8/2005	0.0	<25	<25	<25	<25	<25	NA	<25	2900	
PZ-113	CR Meyer	2-4'	12/6/2006	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
PZ-113	CR Meyer	10-11.5'	12/6/2006	0.0	<25	<25	<25	<25	<25	NA	<25	NA	
OFF-SITE TO EAST													
PZ-115	Steven Lee Vacant Lot	2-4'	10/23/2006		<25	<25	<25	<25	<25	NA	<25	NA	
PZ-115	Steven Lee Vacant Lot	8-10'	10/23/2006		<25	<25	<25	<25	<25	NA	<25	NA	
AVERAGE TOTAL ORGANIC CARBON												3325	
WDNR PUBL 682 GENERIC AND CALCULATED SOIL RESIDUAL CONTAMINANT LEVELS													
Direct Contact : Industrial Inhalation					1,300,000	NS	NS	33,000	**14,000**	NA	NS	NS	
Direct Contact : Industrial Ingestion					156,000	NS	NS	55,000	260,000	NA	NS	NS	
Soil Saturation Concentration					1,300,000	3,200,000	NA	240,000	1,300,000	NA	1,200,000	NS	
Site Specific Migration to Groundwater					**39**	NA	NA	**7.6**	**7.5**	NA	NA	NS	
Generic Migration to Groundwater					27	98	280	4.1	3.7	NA	0.13	NS	
Federal TCLP Limit for Characteristic Hazardous Waste										**0.5**		NS	

Notes: NS = No standard established
NA = Not analyzed for parameter
BOLD and BOXED indicates exceedance of direct contact soil residual contaminant level.
BOLD indicates exceedance of migration to groundwater soil residual contaminant level

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			**0.5**	**0.5**	**7**	**20**	**85**	**0.02**	NS	NS	NS
NR 140.10 ES			**5**	**5**	**70**	**100**	**850**	**0.2**	NS	NS	NS
UPGRADIENT OF FORMER THILL BUILDING											
MW-4 DNR	NW on Wi Ordnance Site	9/7/1997	<1	<1	<1	Incl	ND	<1	NA	NA	NA
MW-4 DNR		10/19/1997	<1	<0.5	<1	Incl	ND	<1	NA	NA	NA
MW-4 DNR		10/4/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
MW-4 DNR		9/15/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
			ABANDONED BY WDNR IN 2011								
MW-5	NW of Thill	4/17/2003	<0.17	0.38	<0.22	<0.16	0.32	<0.10	NA	NA	NA
MW-5		10/4/2005	<0.45	<0.48	<0.83	<0.89	2.9	<0.18	NA	NA	NA
MW-5		12/19/2006	<0.50	<0.20	<0.50	<0.50	2.4	<0.20	NA	NA	NA
MW-5		9/15/2008	<0.45	<0.48	<0.83	<0.89	2.1	<0.18	63.5	<1.6	<1.4
			ABANDONED BY NONWEILER IN 2010 FOR BUILDING EXPANSION								
UNDER / NEAR FORMER THILL BUILDING AND IN DRIVEWAY NORTH OF WATER / SEWER LATERAL											
MW-2	E of SE Corner of Thill Bldg	5/23/2000	ND	<0.34	**16**	1.8	2	**4.0**	NA	NA	NA
MW-2		4/17/2003	<0.17	<0.12	**9.0**	<0.16	0.72	**1.4**	NA	NA	NA
MW-2		8/11/2004	<0.45	<0.48	**7.1**	0.97	<0.75	**2.2**	NA	NA	NA
MW-2		10/10/2005	<0.45	<0.48	4.0	<0.89	<0.75	**1.6**	<10	<10	<10
MW-2		12/19/2006	<0.50	<0.20	4.5	<0.50	<0.50	**1.2**	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-2		4/8/2008	<0.45	<0.48	2.5	<0.89	<0.75	**0.77**	NA	NA	NA
MW-2		9/12/2008	<0.45	<0.48	4.0	<0.89	<0.75	**0.99**	448	<1.6	<1.4
MW-2		4/13/2009	<0.45	<0.48	2.1	<0.89	<0.75	**1.80**	670	<1.6	<1.4
MW-2		3/11/2010	<0.45	<0.48	1.2	<0.89	<0.75	<0.18	24	<0.32	<0.47
MW-2		9/2/2010	<0.45	<0.48	2.6	<0.89	NA	**1.9**	89	<0.32	<0.47
MW-2		12/29/2010	<0.45	<0.48	1.7	<0.89	NA	**0.49**	1.4	<0.32	<0.47
MW-6	Inside Thill N of Septic Tank	8/11/2004	<0.45	**1.5**	7.4	<0.89	<0.75	<0.18	NA	NA	NA
MW-6		9/13/2004	<0.45	**1.3**	2.6	<0.89	0.95	**0.18**	NA	NA	NA
MW-6		10/4/2005	<0.45	**0.63**	4.8	<0.89	<0.75	**0.55**	250	<10	<10
MW-6		12/19/2006	<0.50	**1.3**	4.2	<0.50	0.74J	**1.6**	690	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-6		11/19/2007	<0.45	**0.82**	5.5	<0.89	<0.75	**0.51**	180	<10	<10
MW-6		4/8/2008	<0.45	**0.63**	3.3	<0.89	<0.75	**0.48**	NA	NA	NA
MW-6		9/12/2008	<0.45	**0.55**	7.6	<0.89	<0.75	**0.85**	192	<1.6	<1.4
MW-6		4/13/2009	<0.45	<0.48	2.5	<0.89	<0.75	**0.42**	618	<1.6	<1.4
MW-6		3/11/2010	<0.45	<0.48	1.7	<0.89	<0.75	<0.18	1080	1.8	<0.47
MW-6		9/2/2010	<0.45	<0.48	<0.83	<0.89	NA	<0.18	2080	<0.32	<0.47
MW-6		12/28/2010	<0.45	<0.48	2.1	<0.89	NA	<0.18	858	<0.32	<0.47
MW-6 Dup		12/28/2010	<0.45	<0.48	2.2	<0.89	NA	**0.50**	NA	NA	NA
ECCI TW-1	Inside Thill S of Degreaser	8/11/2004	<0.45	**1.5**	4.3	1.6	<0.75	**25**	NA	NA	NA
ECCI TW-1		9/13/2004	<0.45	**2.8**	5.8	1.8	<0.75	**27**	NA	NA	NA
ECCI TW-1		12/19/2006	<0.50	<0.20	1.7	1.0J	1.3J	**53**	NA	NA	NA
		9/11/2008	INJECTION EOS SEPT 2007								
ECCI TW-1		4/8/2008	<0.45	<0.48	0.91	1.8	<0.75	**4.2**	NA	NA	NA
ECCI TW-1		9/12/2008	<0.45	<0.48	1.3	<0.89	<0.75	**3.4**	2930	3.2	4.6
ECCI TW-1		4/13/2009	<0.45	<0.48	2.4	<0.89	0.81	**8.4**	1940	2.6	5.3
ECCI TW-1		4/12/2011	<0.45	<0.48	<0.83	<0.89	<0.75	**1.5**	239	<0.32	<0.47

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			0.5	0.5	7	20	85	0.02	NS	NS	NS
NR 140.10 ES			5	5	70	100	850	0.2	NS	NS	NS
GP-121	Inside Thill near Degreaser	10/4/2005	<0.45	220	180	5.0	<0.75	15	NA	NA	NA
GP-121		12/19/2006	<1.0	24	530	9.5	<1.0	100	NA	NA	NA
		9/11/2008	INJECTION EOS SEPT 2007								
GP-121		4/8/2008	<0.45	1.0	87.6	3.0	<0.75	37.5	NA	NA	NA
GP-121		9/12/2008	<2.2	42.9	729	13.5	<3.8	208.0	3840	88.5	5.3
GP-121		4/13/2009	<0.45	2.5	65.0	3.4	<0.75	43.1	4230	10.0	7.7
GP-121		3/11/2010	<0.45	0.68	43.1	2.1	<0.75	39.1	8300	26.9	5.6
GP-121		9/2/2010	<0.45	4.1	290	13.2	NA	176	5780	52.4	9.0
GP-121		12/28/2010	<0.90	2.5	188	12.2	NA	193	5640	61.9	11.7
GP-121		4/12/2011	<0.90	3.9	117	6.6	<1.5	86.8	4020	42.3	7.5
GP-122	Inside Thill N of TW-1	10/4/2005	<0.45	<0.48	4.2	<0.89	<0.75	1.8	NA	NA	NA
GP-122		12/18/2006	<0.50	<0.20	4.3	<0.50	<0.50	3.8	NA	NA	NA
		9/11/2008	INJECTION EOS SEPT 2007								
GP-122		4/8/2008	<0.45	<0.48	<0.83	<0.89	<0.75	1.4	NA	NA	NA
GP-122		9/12/2008	<0.45	<0.48	1.7	<0.89	<0.75	3.3	495	<1.6	1.5
GP-122		4/13/2009	<0.45	<0.48	1.1	<0.89	<0.75	3.8	889	<1.6	<1.4
GP-122		4/12/2011	<0.45	<0.48	0.91J	<0.89	<0.75	1.9	81.6	1.8J	<0.47
ECCI TW-2	Inside Thill SW Wall	9/13/2004	<0.45	1.5	<0.83	<0.89	1.7	<0.18	NA	NA	NA
ECCI TW-2		12/19/2006	<0.50	<0.20	<0.50	<0.50	3.9	<0.20	NA	NA	NA
		9/11/2008	INJECTION EOS SEPT 2007								
ECCI TW-2		4/8/2008	<0.45	<0.79	<0.83	<0.89	2.2	<0.18	NA	NA	NA
ECCI TW-2		9/12/2008	<0.45	<0.48	<0.83	<0.89	2.2	<0.18	65.1	<1.6	<1.4
ECCI SUMP	Inside Thill SW Corner	9/13/2004	<0.45	1.4	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
GP-118	S of Hold Tank	10/4/2005	<0.45	11	2.6	<0.89	1.3	<0.18	NA	NA	NA
GP-118		12/19/2006	<0.50	0.98	1.2J	<0.50	<0.50	<0.20	NA	NA	NA
		9/11/2008	INJECTION EOS SEPT 2007								
GP-118		11/19/2007	<0.45	0.82	2.6	<0.89	0.92	0.90	NA	NA	NA
GP-118		4/8/2008	<0.45	<0.48	1.5	<0.89	<0.75	1.10	340	<10	<10
GP-118		9/15/2008	<0.45	0.97	3.3	<0.89	<0.75	1.1	5030	<1.6	<1.4
GP-118		4/13/2009	<0.45	<0.48	2.3	<0.89	<0.75	0.71	8840	<1.6	<1.4
GP-113	S of Thill by Entry Door	10/4/2005	<0.45	7.6	52	3.4	<0.75	4.5	NA	NA	NA
GP-113		12/19/2006	<0.50	1.4	13	<0.50	0.52J	1.5	NA	NA	NA
		9/11/2008	INJECTION EOS SEPT 2007								
GP-113		11/19/2007	<0.45	2.6	25	1.1	<0.75	1.7	23	<10	<10
GP-113		4/8/2008	<0.45	2.0	13	1.1	<0.75	2.3	NA	NA	NA
GP-113		9/12/2008	<0.45	2.8	24.8	1.2	<0.75	4.6	1770	<1.6	1.6
GP-113		4/13/2009	<0.45	2.4	23.0	1.3	<0.75	4.9	1120	<1.6	1.7
GP-113		4/12/2011	<0.45	<0.48	17.7	<0.89	<0.75	11.3	73.3	<0.32	<0.47

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			0.5	0.5	7	20	85	0.02	NS	NS	NS
NR 140.10 ES			5	5	70	100	850	0.2	NS	NS	NS
MAIN SOURCE AREA IN DRIVEWAY SOUTH OF BUILDINGS											
MW-1	S of 3341 in Gravel Drive	5/23/2000	ND	16000	500	<39	<36	69	NA	NA	NA
MW-1		8/3/2000	ND	13000	560	<180	<180	<150	NA	NA	NA
MW-1		4/17/2003	0.87	8700	360	<0.16	<0.11	31	NA	NA	NA
MW-1		8/11/2004	<45	19000	430	<89	<75	<18	NA	NA	NA
MW-1		9/13/2004	<110	25000	480	<220	<190	<45	NA	NA	NA
MW-1		10/10/2005	<18	5900	670	<36	<30	31	21	<10	<10
MW-1		12/19/2006	<10	22000	730	<10	<10	46	398	NA	NA
MW-1		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
MW-1		3/1/2007	<200	65000	620	<200	<200	<80	149	NA	NA
MW-1		6/21/2007	<56	33000	470	<110	<94	<22	38	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-1		11/20/2007	<90	3000	13000	<180	<150	120	<100	<100	<100
MW-1		4/8/2008	<56.2	431	18100	180	<93.8	1360	NA	NA	NA
MW-1		9/15/2008	<122	181	25100	<222	<188	1150	8920	272	<1.4
MW-1		4/15/2009	<22.5	<24.5	5110	69.6	<37.5	1130	10000	407	10.40
MW-1		3/11/2010	<1.1	1.3	113	45.3	<1.9	302	22600	149	437
MW-1		9/2/2010	<0.45	8.4	21.9	9.3	NA	29.7	14000	19.2	36.4
MW-1		12/29/2010	<2.2	<2.4	374	8.2	NA	509	12300	42.9	67.7
MW-1		4/12/2011	<0.90	<0.96	314	6.0	<1.5	336	11200	224	65.4
GP-115	S of MW-1	10/4/2005	<220	45000	480	<440	<380	<90	NA	NA	NA
GP-115		12/19/2006	<0.50	22000	390	3.6	<0.50	6.1	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
GP-115		11/20/2007	<45	3900	6500	<89	<75	<18	350	<100	<100
GP-115		4/18/2008	<235	947	46200	<445	<375	316	NA	NA	NA
GP-115		9/12/2008	<225	<240	60900	<445	<375	1370	4240	335	3.9
GP-115		4/13/2009	<90.0	<96.0	23400	<178	<150	1500	19100	536	22.5
GP-115		9/2/2010	<0.45	0.89	10.1	10.7	NA	5.7	13500	448	706
GP-115		12/28/2010	<0.45	0.90	82	19.3	NA	77.3	21400	1030	991
GP-115		4/12/2011	<0.45	<0.48	32.5	12.8	<0.75	40.0	7530	162	139
GP-116	W of MW-1	10/4/2005	<90	19000	310	<180	<150	<36	NA	NA	NA
GP-116		12/19/2006	<40	4300	140	<40	<40	<16	NA	NA	NA
GP-116		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
GP-116		2/28/2007	<20	2000	67	<20	<20	<8.0	<15	NA	NA
GP-116		6/21/2007	<9.0	2700	120	<18	<15	5.1	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
GP-116		4/8/2008	<11.2	390	3038	<22.2	<18.8	64.6	NA	NA	NA
GP-116		9/12/2008	<22.5	<24.0	5310	<44.5	<37.5	132	5090	38.3	<1.4
GP-116		4/13/2009	<4.5	<4.8	559	34.3	<7.5	735	26400	1240	<1.4
GP-116		4/12/2011	<0.45	<0.48	<0.83	1.1	<0.75	0.92J	5150	241	1.5J

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SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			0.5	0.5	7	20	85	0.02	NS	NS	NS
NR 140.10 ES			5	5	70	100	850	0.2	NS	NS	NS
MW-3		4/17/2003	<0.17	410	260	<0.16	0.62	6.6	NA	NA	NA
MW-3		10/10/2005	<22	3400	630	<44	<38	29	NA	NA	NA
MW-3		12/19/2006	<10	3200	480	<10	<10	15	<15.0	NA	NA
MW-3		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
MW-3		2/28/2007	<25	2700	400	<25	<25	<10	<15.0	NA	NA
MW-3		6/21/2007	<9.0	2300	660	<18	<15	<3.6	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-3		11/20/2007	<9.0	92	1900	<18	<15	47	240	<100	<100
MW-3	SW of 3341	4/8/2008	<9.0	33	1590	21.8	<15	65	NA	NA	NA
MW-3		9/15/2008	<1.8	<3.2	450	8.1	<3.0	142	5400	42.8	2.4
MW-3		4/13/2009	<0.45	<0.48	6.6	7.6	<0.75	35.4	14600	38.5	<1.4
MW-3		3/11/2010	<0.45	<0.48	1.6	1.0	<0.75	11.4	28600	98.9	85
MW-3		9/2/2010	<0.45	<0.48	3.6	<0.89	NA	0.60	13300	31.0	27.4
MW-3 Dup		9/2/2010	<0.45	<0.48	3.8	0.93	NA	0.65	14100	42.6	37.5
MW-3		12/29/2010	<0.45	<0.48	2.0	<0.89	NA	11.6	16700	78.6	173.0
MW-3		4/12/2011	<0.45	<0.48	1.5	<0.89	<0.75	1.4	8890	61.4	34.1
MW-110		10/10/2005	<450	120000	900	<890	<750	<180	14	<10	<10
MW-110 Dup		10/10/2005	<110	57000	570	<220	<190	<45	NA	NA	NA
MW-110		12/19/2006	<10	67000	540	<10	<10	14	<15.0	NA	NA
MW-110		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
MW-110		2/28/2007	<620	61000	<620	<620	<620	<250	<15.0	NA	NA
MW-110		6/21/2007	<560	29000	120,000	<1100	<940	<220	11	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-110	E of MW-3, S edge of Alley	11/20/2007	<900	7100	250,000	<1800	<1500	1500	<100	<100	<100
MW-110		4/8/2008	<180	308	73,100	441	<300	2770	NA	NA	NA
MW-110		9/15/2008	<18.0	<19.2	4,660	<35.6	<30	5000	5940	5180	18.3
MW-110		4/13/2009	<0.45	1.0	24	5.2	<0.75	60.9	19900	1410	206
MW-110		3/11/2010	<11.2	<12.0	76.9	37.8	<18.8	2160	16200	1190	3440
MW-110		9/2/2010	<2.2	<2.4	13.7	8.3	NA	534	15000	404	982
MW-110		12/29/2010	<11.2	<12.0	347	23.3	NA	2640	17300	1060	4340
MW-110		4/12/2011	<0.45	<0.48	33.2	3.7	<0.75	274	5520	157	263
PZ-111		10/10/2005	<1.8	340	9.2	<3.6	<3.0	<0.72	<10	<10	<10
PZ-111		12/19/2006	<1.0	66	11	<1.0	<1.0	4.1	NA	NA	NA
PZ-111		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
PZ-111		2/28/2007	<0.50	38	41	<0.50	<0.50	1.4	<15.0	NA	NA
PZ-111		6/21/2007	<0.45	12	34	<0.89	<0.75	1.7	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
PZ-111	E of MW-3, S edge of Alley	11/19/2007	<0.45	5.1	34	<0.89	<0.75	12	<10	<10	<10
PZ-111		4/8/2008	<0.45	9.0	41	2.1	<0.75	117	NA	NA	NA
PZ-111		9/15/2008	<0.45	2.8	26.8	1.3	<0.75	17.7	637	8.5	8.2
PZ-111		4/13/2009	<0.45	3.5	7.3	<0.89	<0.75	2.3	<2.0	<1.6	<1.4
PZ-111		3/11/2010	2.7	5.1	4.9	<0.89	<0.75	0.69	2180	17.6	1.2
PZ-111		9/2/2010	0.83	6.6	12.1	<0.89	NA	6.4	3620	13.5	<0.47
PZ-111		12/29/2010	0.71	8.5	8.0	<0.89	NA	1.8	2.0	<0.32	<0.47

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			**0.5**	**0.5**	**7**	**20**	**85**	**0.02**	NS	NS	NS
NR 140.10 ES			**5**	**5**	**70**	**100**	**850**	**0.2**	NS	NS	NS
TW-6	S of SW Corner Thill Bldg	11/12/1998	<0.5	**1300**	**74.6**	Incl	ND	<0.2	NA	NA	NA
NONWEILER BUILDING AREA											
MW-A	Nonweiler Courtyard	7/23/1998	ND	<15	<10	<15	<10	<25	NA	NA	NA
MW-A		10/21/1998	ND	<3.0	<2.0	<3.0	<2.0	<5.0	NA	NA	NA
MW-A		9/20/1999	ND	<20	<7.5	<7.5	<7.5	<5.5	NA	NA	NA
MW-A		5/23/2000	ND	<8.00	<3.00	<3.00	<3.00	<2.20	NA	NA	NA
MW-A		10/19/2000	ND	<20	<7.5	<7.50	<7.5	<5.50	NA	NA	NA
MW-A		1/10/2001	ND	<8.00	<3.00	<3.00	<3.00	<2.20	NA	NA	NA
MW-A		4/23/2001	ND	<4.00	<1.50	<1.50	<1.50	<1.10	NA	NA	NA
MW-A		7/11/2001	ND	<1.30	<1.25	<1.25	<1.90	<1.95	NA	NA	NA
MW-A		10/10/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-A		9/11/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-C	E of Nonweiler Building; WNW of Thill Bldg	9/20/1999	ND	<0.4	1.9	<0.15	<0.15	**0.696**	NA	NA	NA
MW-C		5/23/2000	ND	<0.4	**13.1**	1.13	<0.15	**5.44**	NA	NA	NA
MW-C		10/19/2000	ND	<0.4	3.6	<0.15	0.335	**0.911**	NA	NA	NA
MW-C		1/10/2001	ND	<0.4	**1.95**	<0.15	0.226	**0.693**	NA	NA	NA
MW-C		4/23/2001	ND	<0.4	**19**	0.48	<0.15	**4.33**	NA	NA	NA
MW-C		7/11/2001	ND	<0.26	2.46	<0.25	<0.38	**1.99**	NA	NA	NA
MW-C		4/17/2003	<0.17	**0.67**	<0.22	0.18	0.31	**2.1**	NA	NA	NA
MW-C		10/4/2005	<0.45	<0.48	1.3	<0.89	<0.75	**3.3**	NA	NA	NA
MW-C		12/19/2006	0.55J	<0.20	1.5J	<0.50	<0.50	**5.2**	NA	NA	NA
MW-C		9/15/2008	<0.45	<0.48	<0.83	<0.89	<0.75	**3.1**	635	<1.6	1.6
MW-C		4/12/2011	<0.45	<0.48	<0.83	<0.89	<0.75	**0.51J**	169	<0.32	<0.47
Defines extent to East and West											
GP-114	E of MW-1	10/4/2005	<0.45	**0.99**	**8.9**	<0.89	<0.75	**1.9**	NA	NA	NA
GP-114		12/19/2006	<0.50	**0.67**	5.3	<0.50	<0.50	**0.64J**	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
GP-114		11/19/2007	<2.2	<2.4	**9.3**	<4.4	<3.8	<0.90	2000	<10	<10
GP-114		4/8/2008	<4.5	<4.8	<8.3	<1.9	<7.5	<1.8	NA	NA	NA
GP-114		9/15/2008	<0.45	**0.77**	**12.4**	1.3	<0.75	**1.1**	8140	<1.6	<1.4
GP-114		4/13/2009	<0.45	<0.48	**7.1**	<0.89	<0.75	**1.0**	21100	<1.6	<1.4
GP-117	E of GP-114	10/4/2005	<0.45	**0.71**	3.5	<0.89	<0.75	**0.50**	NA	NA	NA
GP-117		12/19/2006	<0.50	<0.20	0.74J	<0.50	<0.50	<0.20	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
GP-117		11/19/2007	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
GP-117		4/8/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
GP-117		9/15/2008	<0.45	<0.48	**17.7**	<0.89	<0.75	**5.3**	NA	NA	NA
GP-117		4/13/2009	<0.45	<0.48	**10.6**	<0.89	<0.75	**3.5**	150	<1.6	<1.4
GP-117		3/11/2010	<0.45	<0.48	**11.1**	<0.89	<0.75	**5.6**	8.6	<0.32	<0.47
GP-117		9/2/2010	<0.45	<0.48	**15.3**	0.94	NA	**11.6**	229	<0.32	<0.47
GP-117		12/28/2010	<0.45	<0.48	**9.4**	<0.89	NA	**5.7**	341	<0.32	<0.47
GP-117		4/12/2011	<0.45	<0.48	**7.7**	<0.89	<0.75	**2.6**	21.4	<0.32	<0.47

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			0.5	0.5	7	20	85	0.02	NS	NS	NS
NR 140.10 ES			5	5	70	100	850	0.2	NS	NS	NS
MW-4	W of MW-3	4/17/2003	<0.17	<0.12	<0.22	<0.16	<0.11	<0.10	NA	NA	NA
MW-4		10/4/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
MW-4		12/19/2006	<0.50	<0.20	<0.50	<0.20	<0.50	<0.20	<15.0	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-4		11/19/2007	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
MW-4		4/8/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-4		9/15/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
DOWNGRADIENT OFF-SITE											
MW-1 DNR	NE Corner CR Meyer Property	9/7/1997	10	630	270	Incl	ND	52	NA	NA	NA
MW-1 DNR		10/19/1997	<5	740	800	Incl	ND	240	NA	NA	NA
MW-1 DNR		11/12/1998	<0.5	752	947.9	Incl	ND	236	NA	NA	NA
MW-1 DNR		5/23/2000	ND	1000	759	<7.5	<7.5	88.9	NA	NA	NA
MW-1 DNR		4/17/2003	<0.17	3300	1800	13.0	1.30	210	NA	NA	NA
MW-1 DNR		10/10/2005	<22	4300	2000	<44	<38	220	230	<10	13
MW-1 DNR		12/19/2006	<10	2000	1500	<10	<10	84	420	NA	NA
MW-1 DNR DUP		12/19/2006	<40	3400	1700	<40	<40	93	NA	NA	NA
MW-1 DNR		6/21/2007	<9.0	1300	770	<18	<15	39	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-1 DNR		11/19/2007	<18	2100	1300	<36	<30	120	150	<10	<10
MW-1DNR		4/8/2008	<2.2	1140	545	18.4	<3.8	49	NA	NA	NA
MW-1DNR		9/10/2008	<2.2	1290	900	12.3	<3.8	40.4	202	<1.6	13.0
MW-1DNR		4/13/2009	<1.1	186	208	10	<1.9	3.5	9.7	<1.6	<1.4
MW-1DNR		3/11/2010	<4.5	929	939	<8.9	<7.5	30.6	666	6	<0.47
MW-1DNR		9/2/2010	<4.5	1000	986	9.1	NA	40.9	1320	7.1	<0.47
MW-1DNR		12/28/2010	<4.5	844	1430	27.4	NA	114	1390	16.2	<0.47
MW-1DNR		4/12/2011	<4.5	606	639	11.4	<7.5	34.3	482	7.2	<0.47
MW-1DNR DUP		4/12/2011	<2.2	531	570	9.7	<3.8	29.0	NA	NA	NA
GP-119	S of MW-1 CR	10/4/2005	<9.0	2300	640	<18	<15	69	NA	NA	NA
PZ-1 DNR	NE Corner CR Meyer Property	9/7/1997	<1	4.0	1.0	Incl	ND	<1	NA	NA	NA
PZ-1 DNR		10/19/1997	<1	7.0	0.9	Incl	ND	<1	NA	NA	NA
PZ-1 DNR		11/12/1998	<0.5	<0.5	<1	Incl	ND	<0.2	NA	NA	NA
PZ-1 DNR		5/23/2000	ND	<0.4	<0.15	<0.15	<0.15	<0.11	NA	NA	NA
PZ-1 DNR		4/17/2003	<0.17	17	6.1	<0.16	<0.11	1.6	NA	NA	NA
PZ-1 DNR		10/10/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
PZ-1 DNR		12/19/2006	<0.50	1.4	<0.50	<0.50	<0.50	<0.20	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
PZ-1 DNR		11/19/2007	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
PZ-1 DNR		4/8/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
PZ-1 DNR		9/10/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	29	<1.6	<1.4
PZ-1 DNR		4/13/2009	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	49.2	<1.6	<1.4
PZ-1 DNR		3/11/2010	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	48.1	<0.32	<0.47
PZ-1 DNR		9/2/2010	<0.45	<0.48	<0.83	<0.89	NA	<0.18	24.6	<0.32	<0.47
PZ-1 DNR		12/28/2010	<0.45	<0.48	<0.83	<0.89	NA	<0.18	13.8	<0.32	<0.47

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			**0.5**	**0.5**	**7**	**20**	**85**	**0.02**	NS	NS	NS
NR 140.10 ES			**5**	**5**	**70**	**100**	**850**	**0.2**	NS	NS	NS
MW-112	SW of Nonweiler Building, NE section of CR Meyer parking lot	12/19/2006	<0.50	<0.20	<0.50	<0.50	<0.50	<0.20	<10	NA	NA
MW-112		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
MW-112		3/1/2007	<0.50	<0.20	<0.50	<0.50	<0.50	<0.20	<10	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-112		11/19/2007	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	57	<10	<10
MW-112		4/8/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-112		9/11/2008	<0.45	**0.59**	<0.83	<0.89	<0.75	<0.18	138	<1.6	<1.4
MW-112		4/13/2009	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	256	<1.6	<1.4
MW-112		4/12/2011	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	5.4	<0.32	<0.47
PZ-113	SW of Nonweiler Building, NE section of CR Meyer parking lot	12/19/2006	<0.50	**6.1**	0.72J	<0.50	<0.50	<0.20	NA	NA	NA
PZ-113		1/18/2007	EOS PILOT TEST AT MW-110/PZ-111								
PZ-113		3/1/2007	<0.50	**5.8**	0.91J	<0.50	<0.50	<0.20	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
PZ-113		11/19/2007	<0.45	**0.96**	<0.83	<0.89	<0.75	<0.18	<10	<10	<10
PZ-113		4/8/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
PZ-113		9/11/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<1.8	2.6	<1.6	<1.4
PZ-113		4/13/2009	<0.45	<0.48	<0.83	<0.89	<0.75	<1.8	6.4	<1.6	<1.4
DOWNGRADIENT : OFF-SITE E of CTH A											
MW-114	Former Lee Property	12/19/2006	<0.50	**32**	**24**	<0.50	<0.50	**2.7**	<15	NA	NA
MW-114		6/21/2007	<0.45	**12**	**11**	<0.89	<0.75	**1.0**	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
MW-114		11/19/2007	<0.45	**17**	**61**	<0.89	<0.75	**15**	63	<10	<10
MW-114		4/8/2008	<0.45	**41.5**	**31.8**	<0.89	<0.75	**2.4**	NA	NA	NA
MW-114		9/10/2008	<0.45	<0.45	**13.1**	<0.89	<0.75	**0.92**	17.4	<1.6	<1.4
MW-114		4/13/2009	<0.45	<0.45	**57.1**	<0.89	<0.75	**3.5**	11.0	<1.6	<1.4
MW-114		3/11/2010	<0.45	**29.8**	**143**	1.6	<0.75	**5.0**	<0.93	<0.32	<0.47
MW-114		9/2/2010	<0.45	**13.1**	**21.6**	<0.89	NA	**2.3**	12.8	<0.32	<0.47
MW-114		12/28/2010	<0.45	**19.4**	**101**	1.4	NA	**11.9**	139	<0.32	<0.47
MW-114		4/12/2011	<0.45	**13.6**	**44.2**	<0.89	1.0	**5.8**	21.9	<0.32	<0.47
PZ-115	Former Lee Property	12/19/2006	<0.50	**3.4**	0.90J	<0.50	<0.50	<0.20	NA	NA	NA
PZ-115		6/21/2007	<0.45	**4.5**	5.0	<0.89	<0.75	<0.18	NA	NA	NA
		9/11/2007	INJECTION EOS SEPT 2007								
PZ-115		11/19/2007	<0.45	**1.8**	2.6	<0.89	<0.75	**0.29**	32	<10	<10
PZ-115		4/8/2008	<0.45	**1.2**	0.98	<0.89	<0.75	<0.18	NA	NA	NA
PZ-115		9/10/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	2.9	<1.6	<1.4
PZ-115		4/13/2009	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	15.6	<1.6	<1.4
PZ-115		3/11/2010	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	31.8	<0.32	<0.47
PZ-115		9/2/2010	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	5.5	<0.32	<0.47
PZ-115		12/28/2010	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	39.0	<0.32	<0.47
FAR DOWNGRADIENT : WDNR OFF-SITE WELLS											
MW-2 DNR	Booster Station, CTH A, 1000 ft South	9/11/1997	<1	<1	2	Incl	ND	<1	NA	NA	NA
MW-2 DNR		10/19/1997	<1	0.8	2	Incl	ND	<1	NA	NA	NA
MW-2 DNR		10/3/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-2 DNR		9/10/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	10.5	<1.6	<1.4

TABLE 3: GROUNDWATER ANALYTICAL RESULTS
SITE INVESTIGATION AND POST-REMEDIATION
NONWEILER / THILL AND OFF-SITE, OSHKOSH, WI

			Chlorinated VOCs								
Sample ID	Location	Sample Date	PCE (ug/l)	TCE (ug/l)	cis 1,2 DCE (ug/l)	trans 1,2 DCE (ug/l)	1,1-DCA (ug/l)	VC (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)
NR 140.10 PAL			0.5	0.5	7	20	85	0.02	NS	NS	NS
NR 140.10 ES			5	5	70	100	850	0.2	NS	NS	NS
P-2 DNR	Booster Station, CTH A, 1000 ft South	9/11/1997	<1	<1	2	Incl	ND	<1	NA	NA	NA
P-2 DNR		10/19/1997	<1	1	1	Incl	ND	<1	NA	NA	NA
P-2 DNR		10/3/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
P-2 DNR		9/10/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<2.0	<1.6	<1.4
MW-3 DNR	Shadow Lane, 800 ft SE	9/11/1997	<1	<1	**9.0**	Incl	ND	**3.0**	NA	NA	NA
MW-3 DNR		10/19/1997	<1	<0.5	1	Incl	ND	<1	NA	NA	NA
MW-3 DNR		10/3/2005	<0.45	<0.48	1.4	<0.89	<0.75	**1.1**	NA	NA	NA
MW-3 DNR		12/19/2006	<0.50	<0.20	0.79J	<0.50	<0.50	<0.20	<15	NA	NA
MW-3 DNR DUP		12/19/2006	<0.50	<0.20	0.70J	<0.50	<0.50	**0.20J**	NA	NA	NA
MW-3 DNR		9/10/2008	<0.45	<0.48	**8.4**	<0.89	<0.75	**5.6**	30	<1.6	<1.4
MW-3 DNR		4/13/2009	<0.45	**2.2**	**25.7**	<0.89	<0.75	**10**	64.4	<1.6	<1.4
MW-3 DNR		3/11/2010	<0.45	<0.48	**8.2**	<0.89	<0.75	**3.2**	42.9	<0.32	<0.47
MW-3 DNR		9/2/2010	<0.45	**0.62**	**18.7**	<0.89	NA	**9.2**	35.0	<0.32	<0.47
MW-3 DNR		12/28/2010	<0.45	<0.48	**16.9**	<0.89	NA	**8.4**	23.7	<0.32	<0.47
MW-3 DNR		4/12/2011	<0.45	**0.89J**	**26.8**	<0.89	<0.75	**14.3**	28.9	<0.32	<0.47
P-3 DNR	Shadow Lane, 800 ft SE	9/11/1997	<1	2	4	Incl	ND	**2.0**	NA	NA	NA
P-3 DNR		10/19/1997	<1	<0.5	2	Incl	ND	<1	NA	NA	NA
P-3 DNR		10/3/2005	<0.45	<0.48	<0.83	<0.89	<0.75	**9.4**	NA	NA	NA
P-3 DNR		12/19/2006	<0.50	**1.1**	<0.50	<0.50	<0.50	<0.20	NA	NA	NA
P-3 DNR		9/10/2008	<0.45	<0.48	<0.83	<0.89	<0.75	**5.4**	13.5	<1.6	<1.4
P-3 DNR		4/13/2009	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	<2.0	<1.6	<1.4
P-3 DNR		3/11/2010	<0.45	<0.48	1.3	<0.89	<0.75	**28.6**	8.0	<0.32	<0.47
P-3 DNR		9/2/2010	<0.45	<0.48	<0.83	<0.89	NA	**0.78**	<0.93	<0.32	<0.47
P-3 DNR		12/28/2010	<0.45	<0.48	<0.83	<0.89	NA	**2.1**	2.3	<0.32	<0.47
P-3 DNR		4/12/2011	<0.45	<0.48	0.89J	<0.89	<0.75	**12.3**	7.8	<0.32	<0.47
MW-5 DNR	Keenville Lane, 800 ft East	9/11/1997	<1	<1	<1	Incl	ND	<1	NA	NA	NA
MW-5 DNR		10/19/1997	<1	<0.5	<1	Incl	ND	<1	NA	NA	NA
MW-5 DNR		10/3/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-5 DNR		9/11/2008	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
			ABANDONED BY DNR 2010								
MW-6 DNR	Cozy Lane, 1,550 ft SE	9/11/1997	<1	<1	<1	Incl	ND	<1	NA	NA	NA
MW-6 DNR		10/19/1997	<1	<0.5	<1	Incl	ND	<1	NA	NA	NA
MW-6 DNR		10/3/2005	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	NA	NA	NA
MW-6 DNR		9/10/2008	<0.45	<0.48	<0.83	<0.89	<0.75	**1.2**	29.7	<1.6	<1.4
MW-6 DNR		4/12/2011	<0.45	<0.48	<0.83	<0.89	<0.75	<0.18	4.4	<0.32	<0.47

Notes: PCE = Tetrachloroethene TCA = Trichloroethane VC = Vinyl Chloride
TCE = Trichloroethene DCE = Dichloroethene
Xylenes reported as total of m-, o-, p-xylenes
TMB reported as total of 1,2,4- and 1,3,5-trimethylbenzene
NA= Not analyzed for parameter
BOLD and Boxed value indicates exceedance of NR 140.10 Enforcement Standard (ES)
BOLD value exceeds NR 140 Preventive Action Limit (PAL)
ND : Not Detected
Incl : sum of cis and trans Dichlorethene
Piezometers (P-prefix) screened in bedrock approximately 50 ft below grade
All other wells screened across water table, approximately 5 to 15 feet below grade

TABLE 1
GROUNDWATER ELEVATION DATA
Nonweiler Site, Oshkosh, WI

OBJECT	Object Elevation (feet)	Stickup (feet)	Total Well Depth (feet btl)	Total Well Depth (feet bgs)	Screened Interval (feet bgs)	October 3, 2005 DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL
SMALL DIAMETER WELLS								
GP-113	753.92 752.68	1.24	12.92	11.68	1.6-11.6	10.20	8.96	743.72
GP-114	751.42 751.70	-0.28	12.54	12.82	2.8-12.8	6.94	7.22	744.48
GP-115	751.05 751.29	-0.24	12.70	12.94	2.9-12.9	3.64	3.88	747.41
GP-116	751.48 751.71	-0.23	12.40	12.63	2.6-12.6	4.31	4.54	747.17
GP-117	751.26 751.59	-0.33	11.42	11.75	1.7-11.7	7.40	7.73	743.86
GP-118	751.80 752.09	-0.29	11.43	11.72	1.7-11.7	8.95	9.24	742.85
GP-119	750.58 750.62	-0.04	12.73	12.77	2.7-12.7	2.90	2.94	747.68
GP-121	752.36 752.65	-0.28	12.34	12.63	2.6-12.6	4.21	4.49	748.15
GP-122	752.39 752.67	-0.28	12.41	12.69	2.6-12.6	3.91	4.19	748.48
ECCI TW-1	752.64 752.70	-0.06	11.91	11.97	1.9-11.9	(10/4/05) 4.19	4.25	748.45
ECCI TW-2	752.57 752.61	-0.04		8.87		Water Level Not Taken		
NR141 WELLS								
MW-C	753.04 753.28	-0.25	23.55	23.80	13.6-23.6	3.25	3.50	749.79
MW-1	751.25 751.60	-0.35	14.37	14.72	4.5-14.5	4.45	4.80	746.80
MW-2	752.28 752.46	-0.18	12.79	12.97	2.9-12.9	3.98	4.16	748.30
MW-3	751.84 752.02	-0.18	12.92	13.10	3.1-13.1	3.72	3.90	748.12
MW-4	752.18 752.51	-0.34	12.80	13.14	2.9-12.9	3.36	3.70	748.82
MW-5	753.68 754.08	-0.40	12.92	13.32	3.3-13.3	2.79	3.19	750.89
MW-6	752.35 752.61	-0.25	13.56	13.82	3.8-13.8	4.84	5.10	747.51
MW-1 DNR	750.12 750.56	-0.44	17.98	18.42	8.5-18.5	2.68	3.12	747.44
P-1 DNR	750.34 750.59	-0.25	48.63	48.88	43.8-48.8	1.39	1.64	748.95
MW-110	751.45 751.90	-0.45	14.32	14.77	4.7-14.7	3.72 **Not Stable**	4.17	747.73
PZ-111	751.53 751.94	-0.41	49.35	49.76	44.7-49.7	16.03	16.44	735.50
MW-112	750.76 751.38	-0.62	12.85	13.47	4.1 - 14.1			
PZ-113	750.835 751.435	-0.595	49.00	49.60	44.6 - 49.6			
MW-114	749.53 750.26	-0.72	22.40	23.12	13.1 - 23.1			
PZ-115	749.79 750.30	-0.51	49.71	50.22	45.2 - 50.2			
MW-4 DNR	759.63 756.59	3.04	21.29	18.25	8.2-18.2	8.12	5.08	751.51
MW-A	755.67		25.71			5.47		750.20
PZ-A	755.57		50.09			10.50		745.07
MW-B	755.55		25.48			5.18		750.37
1997 HydroSearch					Estimated			
MW-2 DNR	750.62		18.01		8-18	4.01		746.61
MW-3 DNR	752.36		20.55		10.5-20.5	6.24		746.12
MW-5 DNR	755.33		16.40		6.4 - 16.4	10.08		745.25
MW-6 DNR	751.48		21.60		11.6-21.6	6.84		744.64
PZ-2 DNR	750.67		49.15		44.2-49.2	4.23		746.44
PZ-3 DNR	752.37		52.75		47.7-52.7	8.81		743.56

NOTE: USGS Elevation 754.08 ft MSL top nut of hydrant per City Oshkosh Eng 10/14/05

TABLE 1
GROUNDWATER ELEVATION
Nonweiler Site, Oshkosh, WI

OBJECT	Object Elevation (feet)	December 18, 2006			February 28, 2007			June 21, 2007		
		DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL	DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL	DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL
SMALL DIAMETER WELLS										
GP-113	753.92	6.92	5.68	747.00	Water Level Not Taken			Water Level Not Taken		
	752.68									
GP-114	751.42	4.58	4.86	746.84	Water Level Not Taken			Water Level Not Taken		
	751.70									
GP-115	751.05	3.64	3.88	747.41	Water Level Not Taken			Water Level Not Taken		
	751.29									
GP-116	751.48	3.05	3.28	748.43	4.62	4.85	746.86	1.6	1.8	749.88
	751.71									
GP-117	751.26	4.52	4.85	746.74	Water Level Not Taken			Water Level Not Taken		
	751.59									
GP-118	751.80	4.45	4.74	747.35	Water Level Not Taken			Water Level Not Taken		
	752.09									
GP-119	750.58	Could Not Locate			Could Not Locate			Could Not Locate		
	750.62									
GP-121	752.36	4.33	4.61	748.03	Water Level Not Taken			Water Level Not Taken		
	752.65									
GP-122	752.39	4.02	4.30	748.37	Water Level Not Taken			Water Level Not Taken		
	752.67									
ECCI TW-1	752.64	4.47	4.53	748.17	Water Level Not Taken			Water Level Not Taken		
	752.70									
ECCI TW-2	752.57	5.98	6.02	746.59	Water Level Not Taken			Water Level Not Taken		
	752.61									
NR141 WELLS										
MW-C	753.04	3.19	3.44	749.85	Water Level Not Taken			Water Level Not Taken		
	753.28									
MW-1	751.25	4.36	4.71	746.89	5.16	5.51	746.09	3.69	4.0	747.56
	751.60									
MW-2	752.28	4.00	4.18	748.28	Water Level Not Taken			Water Level Not Taken		
	752.46									
MW-3	751.84	3.40	3.58	748.44	5.18	5.36	746.66	2.88	3.1	748.96
	752.02									
MW-4	752.18	3.15	3.49	749.03	Water Level Not Taken			Water Level Not Taken		
	752.51									
MW-5	753.68	2.96	3.36	750.72	Water Level Not Taken			Water Level Not Taken		
	754.08									
MW-6	752.35	5.08	5.34	747.27	Water Level Not Taken			Water Level Not Taken		
	752.61									
MW-1 DNR	750.12	2.54	2.98	747.58	Water Level Not Taken			1.3	1.7	748.82
	750.56									
P-1 DNR	750.34	1.35	1.60	748.99	Water Level Not Taken			Water Level Not Taken		
	750.59									
MW-110	751.45	3.67	4.12	747.78	4.88	5.33	746.57	3.45	3.9	748.00
	751.90									
PZ-111	751.53	8.29	8.70	743.24	8.00	8.41	743.53	6.73	7.1	744.80
	751.94									
MW-112	750.76	1.42	2.04	749.34	4.16	4.78	746.60	Water Level Not Taken		
	751.38									
PZ-113	750.835		0.60	750.84	7.24	7.84	743.60	Water Level Not Taken		
	751.435									
MW-114	749.53	3.34	4.06	746.19	Water Level Not Taken			2.78	3.5	746.75
	750.26									
PZ-115	749.79	7.51	8.02	742.28	Water Level Not Taken			5.68	6.2	744.11
	750.30									
MW-4 DNR	759.63	7.59	4.55	752.04	Water Level Not Taken			Water Level Not Taken		
	756.59									
MW-A	755.67		0.00	755.67	Water Level Not Taken			Water Level Not Taken		
PZ-A	755.57		0.00	755.57	Water Level Not Taken			Water Level Not Taken		
MW-B	755.55		0.00	755.55	Water Level Not Taken			Water Level Not Taken		
1997 HydroSearch										
MW-2 DNR	750.62	3.90	3.90	746.72	Water Level Not Taken			Water Level Not Taken		
MW-3 DNR	752.36	6.06	6.06	746.30	Water Level Not Taken			Water Level Not Taken		
MW-5 DNR	755.33	8.69	8.69	746.64	Water Level Not Taken			Water Level Not Taken		
MW-6 DNR	751.48	6.63	6.63	744.85	Water Level Not Taken			Water Level Not Taken		
PZ-2 DNR	750.67	4.79	4.79	745.88	Water Level Not Taken			Water Level Not Taken		
PZ-3 DNR	752.37	10.05	10.05	742.32	Water Level Not Taken			Water Level Not Taken		

NOTE: USGS Elevation 754.08 ft MSl

TABLE 1
GROUNDWATER ELEVATION
Nonweiler Site, Oshkosh, WI

OBJECT	Object Elevation (feet)	November 19, 2007			April 8, 2008			September 1, 2008		
		DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL	DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL	DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL
SMALL DIAMETER WELLS										
GP-113	753.92 752.68	6.94	5.70	746.98	3.37	2.13	750.55	6.59	5.35	747.33
GP-114	751.42 751.70	4.31	4.59	747.11	1.76	2.04	749.66	4.33	4.57	747.09
GP-115	751.05 751.29	4.23	4.47	746.82	Water Level Not Taken			2.44	2.68	748.61
GP-116	751.48 751.71	Water Level Not Taken			1.45	1.7	750.03	3.94	4.17	747.54
GP-117	751.26 751.59	4.42	4.75	746.84	3.21	3.5	748.05	4.29	4.62	746.97
GP-118	751.80 752.09	4.76	5.05	747.04	3.87	4.2	747.93	4.32	4.61	747.48
GP-119	750.58 750.62	Could Not Locate			Could Not Locate			Could Not Locate		
GP-121	752.36 752.65	Water Level Not Taken			2.42	2.7	749.94	4.27	4.55	748.09
GP-122	752.39 752.67	Water Level Not Taken			2.26	2.5	750.13	3.72	4.00	748.67
ECCI TW-1	752.64 752.70	Water Level Not Taken			3.39	3.5	749.25	4.12	4.18	748.52
ECCI TW-2	752.57 752.61	Water Level Not Taken			1.68	1.7	750.89	3.09	3.13	749.48
NR141 WELLS										
MW-C	753.04 753.28	Water Level Not Taken			Water Level Not Taken			3.08	3.3	749.96
MW-1	751.25 751.60	3.73	4.1	747.52	4.22	4.6	747.03	4.58	4.9	746.67
MW-2	752.28 752.46	Water Level Not Taken			3.59	3.8	748.69	4.13	4.3	748.15
MW-3	751.84 752.02	3.79	4.0	748.05	2.40	2.6	749.44	3.29	3.5	748.55
MW-4	752.18 752.51	2.57	2.9	749.61	2.22	2.6	749.96	2.89	3.2	749.29
MW-5	753.68 754.08	Water Level Not Taken			Water Level Not Taken			3.00	3.4	750.68
MW-6	752.35 752.61	4.96	5.2	747.39	4.29	4.5	748.06	4.53	4.8	747.82
MW-1 DNR	750.12 750.56	2.76	3.2	747.36	1.11	1.6	749.01	2.16	2.6	747.96
P-1 DNR	750.34 750.59	0.65	0.9	749.69	0.00	0.3	750.34	1.16	1.4	749.18
MW-110	751.45 751.90	4.17	4.6	747.28	3.91	4.4	747.54	3.49	3.9	747.96
PZ-111	751.53 751.94	7.28	7.7	744.25	6.31	6.7	745.22	8.17	8.6	743.36
MW-112	750.76 751.38	2.26	2.9	748.50	0.80	1.4	749.96	1.57	2.2	749.19
PZ-113	750.835 751.435	7.01	7.6	743.83	3.37	4.0	747.47	7.08	7.7	743.76
MW-114	749.53 750.26	3.33	4.1	746.20	23.12	23.8	726.41	3.01	3.7	746.52
PZ-115	749.79 750.30	6.33	6.8	743.46	4.77	5.3	745.02	6.58	7.1	743.21
MW-4 DNR	759.63 756.59	Water Level Not Taken			Water Level Not Taken			8.93	5.9	750.70
MW-A	755.67	Water Level Not Taken			Water Level Not Taken			5.49	5.5	750.18
PZ-A	755.57	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
MW-B	755.55	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
1997 HydroSearch										
MW-2 DNR	750.62	Water Level Not Taken			Water Level Not Taken			3.68	3.7	746.94
MW-3 DNR	752.36	Water Level Not Taken			Water Level Not Taken			5.72	5.7	746.64
MW-5 DNR	755.33	Water Level Not Taken			Water Level Not Taken			10.48	10.5	744.85
MW-6 DNR	751.48	Water Level Not Taken			Water Level Not Taken			7.53	7.5	743.95
PZ-2 DNR	750.67	Water Level Not Taken			Water Level Not Taken			4.06	4.1	746.61
PZ-3 DNR	752.37	Water Level Not Taken			Water Level Not Taken			9.22	9.2	743.15

NOTE: USGS Elevation 754.08 ft MSI

TABLE 1
GROUNDWATER ELEVATION
Nonweiler Site, Oshkosh, WI

OBJECT	Object Elevation (feet)	April 13, 2009			March 9, 2010			September 1, 2010		
		DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL	DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL	DEPTH TO WATER Feet below PVC	DEPTH TO WATER Feet below grade	WATER ELEV Feet MSL
SMALL DIAMETER WELLS										
GP-113	753.92 752.68	6.46	5.22	747.46	6.30	5.06	747.62	Water Level Not Taken		
GP-114	751.42 751.70	2.72	2.96	748.70	4.50	4.74	746.92	Water Level Not Taken		
GP-115	751.05 751.29	1.07	1.31	749.98	Water Level Not Taken (ice)			2.40	2.64	748.65
GP-116	751.48 751.71	1.90	2.13	749.58	1.56	1.79	749.92	Water Level Not Taken		
GP-117	751.26 751.59	3.90	4.23	747.36	3.77	4.10	747.49	4.10	4.43	747.16
GP-118	751.80 752.09	4.20	4.49	747.60	Water Level Not Taken (ice)			Water Level Not Taken		
GP-119	750.58 750.62	Could Not Locate			Could Not Locate			Could Not Locate		
GP-121	752.36 752.65	3.58	3.86	748.78	3.83	4.11	748.53	4.14	4.42	748.22
GP-122	752.39 752.67	3.18	3.46	749.21	3.62	3.90	748.77	Water Level Not Taken		
ECCI TW-1	752.64 752.70	4.01	4.07	748.63	3.75	3.81	748.89	Water Level Not Taken		
ECCI TW-2	752.57 752.61	Water Level Not Taken			0.60	0.64	751.97	Water Level Not Taken		
NR141 WELLS										
MW-C	753.04 753.28	Water Level Not Taken			Water Level Not Taken (ice)			Water Level Not Taken		
MW-1	751.25 751.60	3.62	4.0	747.63	4.15	4.5	747.10	2.91	3.3	748.34
MW-2	752.28 752.46	3.98	4.2	748.30	3.72	3.9	748.56	4.17	4.4	748.11
MW-3	751.84 752.02	1.54	1.7	750.30	1.34	1.5	750.50	2.71	2.9	749.13
MW-4	752.18 752.51	Water Level Not Taken			2.54	2.9	749.64	Water Level Not Taken		
MW-5	753.68 754.08	Water Level Not Taken			Water Level Not Taken			Well Abandoned 2010		
MW-6	752.35 752.61	4.52	4.8	747.83	4.39	4.6	747.96	5.55	5.8	746.80
MW-1 DNR	750.12 750.56	1.31	1.8	748.81	1.60	2.0	748.52	1.46	1.9	748.66
P-1 DNR	750.34 750.59	0.00	0.3	750.34	0.25	0.5	750.09	0.05	0.3	750.29
MW-110	751.45 751.90	1.78	2.2	749.67	3.84	4.3	747.61	2.09	2.5	749.36
PZ-111	751.53 751.94	6.05	6.5	745.48	8.10	8.5	743.43	5.98	6.4	745.55
MW-112	750.76 751.38	1.09	1.7	749.67	Water Level Not Taken (ice)			1.58	2.2	749.18
PZ-113	750.835 751.435	3.46	4.1	747.38	6.67	7.3	744.17	4.95	5.5	745.89
MW-114	749.53 750.26	3.32 (9/08 add 8.63" PVC, adjust elev)	4.0	746.93	3.90 (9/08 add 8.63" PVC, adjust elev)	4.6	746.35	3.22 (9/08 add 8.63" PVC, adjust elev)	3.9	747.03
PZ-115	749.79 750.30	4.73 (9/08 add 4.13" PVC, adjust elev)	5.2	745.40	6.76 (9/08 add 4.13" PVC, adjust elev)	7.3	743.37	4.62 (9/08 add 4.13" PVC, adjust elev)	5.1	745.51
MW-4 DNR	759.63 756.59	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
MW-A	755.67	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
PZ-A	755.57	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
MW-B	755.55	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
1997 HydroSearch										
MW-2 DNR	750.62	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
MW-3 DNR	752.36	5.41	5.4	746.95	6.01	6.0	746.35	5.27	5.3	747.09
MW-5 DNR	755.33	Water Level Not Taken			Water Level Not Taken			Well Abandoned by DNR 2010?		
MW-6 DNR	751.48	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
PZ-2 DNR	750.67	Water Level Not Taken			Water Level Not Taken			Water Level Not Taken		
PZ-3 DNR	752.37	6.86	6.9	745.51	8.94	8.9	743.43	6.80	6.8	745.57

NOTE: USGS Elevation 754.08 ft MSL

TABLE 1
GROUNDWATER ELEVATION
Nonweiler Site, Oshkosh, WI

OBJECT	Object Elevation (feet)	December 28,2010 DEPTH TO WATER Feet below PVC	December 28,2010 DEPTH TO WATER Feet below grade	December 28,2010 WATER ELEV Feet MSL	April 12, 2011 DEPTH TO WATER Feet below PVC	April 12, 2011 DEPTH TO WATER Feet below grade	April 12, 2011 WATER ELEV Feet MSL
SMALL DIAMETER WELLS							
GP-113	753.92 752.68	Water Level Not Taken			6.22	4.98	747.70
GP-114	751.42 751.70	Water Level Not Taken			2.73	3.01	748.69
GP-115	751.05 751.29	Water Level Not Taken (Ice)			1.12	1.36	749.93
GP-116	751.48 751.71	Water Level Not Taken			1.89	2.12	749.59
GP-117	751.26 751.59	5.07	5.40	746.19	3.44	3.77	747.82
GP-118	751.80 752.09	Water Level Not Taken (Ice)			4.78	5.07	747.02
GP-119	750.58 750.62	Could Not Locate			Could Not Locate		
GP-121	752.36 752.65	4.68	4.96	747.68	2.31	2.59	750.05
GP-122	752.39 752.67	Water Level Not Taken			2.02	2.30	750.37
ECCI TW-1	752.64 752.70	Water Level Not Taken			3.60	3.66	749.04
ECCI TW-2	752.57 752.61	Water Level Not Taken			0.88	0.92	751.69
NR141 WELLS							
MW-C	753.04 753.28	Water Level Not Taken (Ice)			0.64	0.9	752.40
MW-1	751.25 751.60	5.24	5.6	746.01	2.46	2.8	748.79
MW-2	752.28 752.46	4.84	5.0	747.44	3.41	3.6	748.87
MW-3	751.84 752.02	3.86	4.0	747.98	1.62	1.8	750.22
MW-4	752.18 752.51	Water Level Not Taken			2.14	2.5	750.04
MW-5	753.68 754.08	Well Abandoned 2010			Well Abandoned 2010		
MW-6	752.35 752.61	5.09	5.3	747.26	4.24	4.5	748.11
MW-1 DNR	750.12 750.56	3.45	3.9	746.67	1.09	1.5	749.03
P-1 DNR	750.34 750.59	0.56	0.8	749.78	0.19	0.4	750.15
MW-110	751.45 751.90	4.87	5.3	746.58	2.01	2.5	749.44
PZ-111	751.53 751.94	7.47	7.9	744.06	5.66	6.1	745.87
MW-112	750.76 751.38	Water Level Not Taken			1.16	1.8	749.60
PZ-113	750.835 751.435	Water Level Not Taken			4.14	4.7	746.70
MW-114	749.53 750.26	4.21 (9/08 add 8.63" PVC, adjust elev)	4.9	746.04	2.89 (9/08 add 8.63" PVC, adjust elev)	3.6	747.36
PZ-115	749.79 750.30	6.10 (9/08 add 4.13" PVC, adjust elev)	6.6	744.03	4.74 (9/08 add 4.13" PVC, adjust elev)	5.3	745.39
MW-4 DNR	759.63 756.59	Water Level Not Taken			3.66	0.6	755.97
MW-A	755.67	Water Level Not Taken			Water Level Not Taken		
PZ-A	755.57	Water Level Not Taken			Water Level Not Taken		
MW-B	755.55	Water Level Not Taken			Water Level Not Taken		
1997 HydroSearch							
MW-2 DNR	750.62	Water Level Not Taken			2.97	3.0	747.65
MW-3 DNR	752.36	6.29	6.3	746.07	4.96	5.0	747.40
MW-5 DNR	755.33	Well Abandoned by DNR 2010?			4.35	4.4	750.98
MW-6 DNR	751.48	Water Level Not Taken			5.48	5.5	746.00
PZ-2 DNR	750.67	Water Level Not Taken			2.30	2.3	748.37
PZ-3 DNR	752.37	8.25	8.3	744.12	6.84	6.8	745.53

NOTE: USGS Elevation 754.08 ft MSl