#### **GIS REGISTRY**

#### **Cover Sheet**

May, 2009 (RR 5367)

**Source Property Information CLOSURE DATE:** Nov 18, 2010 **BRRTS #:** 02-45-192316 FID #: 405188960 **ACTIVITY NAME:** AMERICAN RED CROSS DATCP #: PROPERTY ADDRESS: 1302 E WISCONSIN AVE COMM #: MUNICIPALITY: **APPLETON** PARCEL ID #: 311192300 \*WTM COORDINATES: WTM COORDINATES REPRESENT: Approximate Center Of Contaminant Source 648899 423497 Approximate Source Parcel Center \* Coordinates are in WTM83, NAD83 (1991) Please check as appropriate: (BRRTS Action Code) **Contaminated Media:** ▼ Groundwater Contamination > ES (236) Soil Contamination > \*RCL or \*\*SSRCL (232) ▼ Contamination in ROW Contamination in ROW ▼ Off-Source Contamination ▼ Off-Source Contamination (note: for list of off-source properties (**note:** for list of off-source properties see "Impacted Off-Source Property") see "Impacted Off-Source Property") **Land Use Controls:** ▼ Cover or Barrier (222) (**note:** maintenance plan for Soil: maintain industrial zoning (220) groundwater or direct contact) (note: soil contamination concentrations ▼ Vapor Mitigation (226) between non-industrial and industrial levels) Structural Impediment (224) Maintain Liability Exemption (230) (note: local government or economic ▼ Site Specific Condition (228) development corporation) **Monitoring Wells:** 

Are all monitoring wells properly abandoned per NR 141? (234)

● Yes ○ No ○ N/A

<sup>\*</sup> Residual Contaminant Level

<sup>\*\*</sup>Site Specific Residual Contaminant Level

State of Wisconsin	GIS Registry Checklist	
Department of Natural Resources http://dnr.wi.gov	Form 4400-245 (R 3/10)	Page 1 of 3

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

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

BRRTS #:	02-45-192316 PARCEL ID #: 311192300				
ACTIVITY NAME:	AMERICAN RED CROSS		WTM COORDINATES:	X: 648899	Y: 423497
CLOSURE DOC	<b>JMENTS</b> (the Department adds these it	ems to the final	GIS packet for posting o	n the Registry	y)
<ul><li>区ontinuing C</li><li>区onditional C</li></ul>	e Plan (if activity is closed with a land use limit  Obligation Cover Letter (for property owned  Closure Letter				
Certificate of Completion (COC) (for VPLE sites)					

#### **SOURCE LEGAL DOCUMENTS**

Deed: The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.

**Note:** If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.

Certified Survey Map: A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #: Title:

Signed Statement: A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

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

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

**Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.

**Note:** Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.

#### Figure #: 1 Title: Site Location & Topographic Map

Detailed Site Map: A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

#### Figure #: 2 Title: Sie Layout Map

Soil Contamination Contour Map: For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

#### Figure #: 9 Title: Estimated Horizontal Extent of VOC Soil Contamination

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#### 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 #: 3 Title: Geologic Cross Section

Figure #: Title:

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

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

Figure #: 10 Title: Estimated Horizontal Extent of Groundwater 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 #: 7 Title: Groundwater Contours, March 26, 2003

Figure #: 8 Title: Groundwater Contours, September 24, 2003

#### **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  $\underline{\text{must not}}$  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 #: 3 Title: Soil Analytical Results - Detected VOCs

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

Table #: 4 Title: Groundwater Analytical Results, Detected VOCs and Lead

**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 and Monitoring Well Information Summary

#### **IMPROPERLY ABANDONED MONITORING WELLS**

For each monitoring well <u>not</u> 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.

X No	t App	licable
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Site Location Map: A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

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

Figure #: Title:

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

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

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

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BRRTS #: 02-45-192316 ACTIVITY NAME: AMERICAN RED CROSS

#### **NOTIFICATIONS**

#### **Source Property**

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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: 2

- **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.
- **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.

**Note:** If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.

▼ Letter To "Governmental Unit/Right-Of-Way" Owners: Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within <a href="the contaminated area">the contaminated area</a>, 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: 2

State of Wisconsin	Impacted Off-Source Property Information
Department of Natural Resources http://dnr.wi.gov	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.

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

BRRTS #:	02-45-192316		
ACTIVITY NAME:	AMERICAN RED CROSS		
ID	Off-Source Property Address	Parcel Number	WTM X WTM Y
A 1303 E A	Amelia St	311192200	648902 423508
B 1322 E V	Visconsin Ave	311193000	648961 423477
С			
D			
E			
F			
G			
Н			



#### State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor Matthew J. Frank, Secretary Ronald W. Kazmierczak, Regional Director Oshkosh Service Center 625 East County Road Y, STE. 700 Oshkosh, WI 54901-9731

FAX 920-424-4404

November 18, 2010

MR TONY GONZALEZ AMERICAN RED CROSS 1302 E WISCONSIN AVE APPLETON WI 54911

SUBJECT: Final Case Closure with Continuing Obligations

American Red Cross, 1302 East Wisconsin Avenue, Appleton, WI

WDNR BRRTS Activity #: 02-45-192316

#### Dear Mr. Gonzalez:

On June 15, 2010, the Northeast Regional Closure Committee (the "Committee") reviewed the above referenced case for closure. This Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On June 18, 2010, you were notified that the Closure Committee had granted conditional closure to this case.

On November 9, 2010, the Department received information or documentation indicating that you have complied with the requirements for final closure: applicable figures and tables are updated, current deeds submitted for 1303 East Amelia Street and 1322 East Wisconsin Avenue, maintenance plan updated, all remaining purge water and waste properly disposed and all monitoring points abandoned.

The Department reviewed the case closure request regarding the volatile organic compounds (VOC) contamination from a former dry cleaner in soil, groundwater and air at this site. Based on the correspondence and data provided, it appears that your case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time. However, you and future property owners must comply with certain continuing obligations as explained in this letter.

#### **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. The continuing obligations for this site are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil, the state must approve any changes to this barrier and inspections must be documented.



• Groundwater contamination is present above Chapter NR 140 enforcement standards both on and off the Property.

WDNR BRRTS #02-45-192316

- The drain tile and sump system must be operated and maintained.
- A vapor extraction system must be operated and maintained, and inspections must be documented.

All site information, including the maintenance plan, is also on file at the Oshkosh DNR office. 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 sites on the GIS Registry web page, visit the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm.

If the property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at <a href="http://dnr.wi.gov/org/water/dwg/3300254.pdf">http://dnr.wi.gov/org/water/dwg/3300254.pdf</a> or at the web address listed above for the GIS Registry.

#### **Closure Conditions**

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. You must pass on both the information about these continuing obligations and the maintenance plan to the next property owner or owners. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department 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 or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. The Department intends to conduct inspections in the future to ensure that the conditions included in this letter including compliance with the **attached maintenance plans** are met.

#### Residual Soil Contamination

Soil contamination remains as shown on the **attached map**, **Figure 9**, and in the information submitted to the Department. If soil in the specific locations shown on the attached map is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. VOCs are present and lead may be present. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

#### Final Closure for American Red Cross WDNR BRRTS #02-45-192316

#### Cover or Barrier

Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement or other impervious cap that currently exists at the site in the location shown on the **attached map**, **Figure 2**, 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, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

#### **Prohibited Activities**

The following activities are prohibited on any portion of the property where pavement, a building foundation, soil cover or other barrier 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; 6) construction or placement of a building or other structure. Upon Department approval to replace the existing barrier, the replacement barrier must be one of similar permeability, until contaminant levels no longer exceed the applicable standards.

#### Residual Groundwater Contamination

Groundwater impacted by VOC contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present both on this contaminated property and off this contaminated property, as shown on the **attached map**, **Figure 10**. Off-source property owners have also been notified of the presence of groundwater contamination.

#### Drain Tile and Sump System

The Department requires that the drain tile and sump system at the site be operated and maintained. This system is needed to provide for air space between the foundation and groundwater. This air space is needed for operation of the required vapor extraction system that serves to provide negative pressure to the sub-slab soil/gravel of the building to protect indoor air quality for human health.

#### Vapor Migration, Mitigation or Evaluation

Vapor migration is the movement of vapors originating from volatile chemicals in the soil or groundwater, into buildings or other areas where people may become exposed by breathing air contaminated by the vapors.

The vapor extraction system, installed on April 30, 2008, must be operated and inspected in accordance with the **attached maintenance plan**. System components must be repaired or replaced immediately upon discovery of a malfunction. Annual inspections and any system repairs must be documented in the inspection log. The inspection log shall be maintained on site. The inspection log shall be made available to the Department or its contractors, upon request.

You must also notify the Department prior to any physical changes in the construction of this building or new construction, any changes in use of the property, if the vapor extraction system

#### Final Closure for American Red Cross WDNR BRRTS #02-45-192316

stops working or is ineffective, or if indoor air levels are found to exceed the vapor action level for the contaminant(s) of concern. An evaluation may be required at that time, to determine if the existing vapor extraction system will adequately protect the health and safety of the occupants. The Department may require additional investigation, mitigation or remedial action at that time.

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

#### **Dewatering Permits**

The Department's Watershed Management Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.

Based on the concentrations of contaminants remaining in groundwater at this location, it appears likely that dewatering activities would require a permit from the Watershed Management Program. If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at <a href="http://www.dnr.state.wi.us/org/water/wm/ww/">http://www.dnr.state.wi.us/org/water/wm/ww/</a>

#### Post-Closure Notification Requirements

In accordance with ss, 292.12 and 292.13, Wis. Stats., you must notify the Department before making changes that affect or relate to the conditions of closure in this letter. For this case, examples of changed conditions requiring prior notification include, but are not limited to:

- Disturbance, construction on, change or removal in whole or part of pavement, an engineered cover or a soil barrier that must be maintained over contaminated soil;
- Disturbance, change or removal in whole or part of the drain tile and sump system that must be maintained on the property;
- Disturbance, change or removal in whole or part of the vapor extraction system that must be maintained on the property;
- Changing the building occupancy or land use, requiring re-assessment of the vapor intrusion pathway.

Please send written notifications in accordance with the above requirements to

Oshkosh DNR Service Center Attention: Jennifer Borski 625 E. County Rd Y, STE. 700 Oshkosh, WI 54901-9731

The following DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" has been included with this letter, to help explain a property owner's responsibility for continuing

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#### Final Closure for American Red Cross WDNR BRRTS #02-45-192316

obligations on their property. If the fact sheet is lost, you may obtain a copy at <a href="http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf">http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf</a>.

Please be aware that the case may be reopened pursuant to s. 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 Department 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 **Jennifer Borski in Oshkosh** at **(920) 424-7887.** 

Sincerely,

Roxanne Nelezen Chronert, Acting Team Supervisor Northeast Remediation & Redevelopment Program

#### Attachments

Figure 2, Site Layout Map, November 2010

Figure 9, Estimated Horizontal Extent of VOC Soil Contamination, November 2010 Figure 10, Estimated Horizontal Extent of Groundwater Contamination, November 2010 Pavement Cover, Building Barrier, Drain Tile, Groundwater Sump & Vapor Extraction System Maintenance Plan, October 29, 2010

Continuing Obligations for Environmental Protection, Responsibilities of Wisconsin Property Owners, RR-819, June 2009

ECC: S. Boerst, McMahon

CC: Jeff Strong, 1303 E. Amelia St, Appleton, WI

Geri Ann Keen, Forge Properties, LLC, 1209 E. Pauline St., Appleton, WI (for 1322 E. Wisconsin Ave., Appleton, WI)

# Pavement Cover, Building Barrier, Drain Tile, Groundwater Sump & Vapor Extraction System Maintenance Plan

# AMERICAN RED CROSS OUTAGAMIE COUNTY CHAPTER

1302 East Wisconsin Avenue – Appleton, Wisconsin BRRTS #02-45-192316

Prepared For The
AMERICAN RED CROSS
OUTAGAMIE COUNTY CHAPTER

October 29, 2010 McM. No. A0068-900416

The property consists of all of Lots Two (2), Four (4), Six (6) and Eight (8) Ullman's Addition, City of Appleton, Outagamie County, Wisconsin.

This document is the Maintenance Plan for a pavement cover, building barrier, groundwater sump, and vapor extraction system at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities, in part, relate to the existing building with a full basement and other paved surfaces occupying the area over the contaminated groundwater plume and contaminated soil on-site. The contaminated groundwater plume impacted by tetrachloroethene, trichloroethene, 1,1-dichloroethene, cis-1,2,-dichloroethene, trans-1,2,-dichloroethene and vinyl chloride. The contaminated soil is impacted by tetrachloroethene, trichloroethene, cis-1,2,-dichloroethene, and trans-1,2,-dichloroethene. The location of the paved surfaces and building to be maintained in accordance with this Maintenance Plan, as well as the impacted groundwater plume and soil are identified in the attached map (Exhibit A-1 and A-2). Photographs are presented in Appendix B.

#### Cover & Building Barrier Purpose

The paved surfaces and the building foundation over the contaminated groundwater plume and contaminated soil serve as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. These paved surfaces and building foundation also act 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. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

#### **Cover Annual Inspection**

The paved surfaces and building foundation overlying the contaminated groundwater plume, contaminated soil, as depicted in Exhibit A-1 and A-2, 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 can cause additional infiltration into and exposure to underlying soils. The inspections will be performed 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 is included as Exhibit C, 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.

#### **Cover Maintenance Activities**

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can 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 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 and/or the building overlying the contaminated groundwater plume and 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 Wisconsin Department of Natural Resources (DNR) or its successor.

The property owner, in order to maintain the integrity of the paved surfaces and/or the building, 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.

#### Basement Drain Tile & Sump System

The current groundwater drainage system around the building basement is controlling the chlorinated compound groundwater plume and maintaining an air space between the foundation and groundwater. There are three sump systems that are sealed and contain sump pumps. The sump pumps discharge to the City of Appleton sanitary sewer system. The contaminated groundwater is treated at the City of Appleton Wastewater Treatment Facility. A photograph of Sump 1 is located in Appendix B. The air space between the foundation and groundwater allows the radon mitigation system to maintain a negative pressure on the sub slab soil/gravel of the building to protect indoor air quality for human health. The drain tile and sump system must operate on a continual basis to maintain the air space between the foundation and groundwater.

#### Sump Annual Inspections

The sumps and piping are to be checked annually to identify any leaks and cracks in the sealed areas. If necessary, repairs shall be made to any areas around the sump lids and piping. The sump pumps shall be checked to confirm proper operation. The sump pumps shall be maintained in accordance with the manufacturers operation and maintenance manual. Furthermore, any general repairs shall be made to assure proper operation of the sump system.

A log of the sump system inspections and repairs shall be maintained by the property owner and is included as Exhibit D, Sump System Inspection Log.

#### Vapor Extraction System

A Vapor Extraction System (VES) must operate on a continual basis in the basement of the building to minimize Chlorinated Volatile Organic Compounds (CVOC's) in the indoor air. The system is the typical radon gas extraction system installed in buildings. A 6-inch diameter PVC induction and exhaust piping system is connected to the coarse aggregate through the basement concrete floor immediately next to the sump located in the northwest corner of the building. The connection to the basement concrete floor is sealed with caulk.

A RandonAway Model RP265 fan is located outside the building and operates continuously. Photographs of the VES system are presented in Appendix B.

#### **VES Annual Inspections**

The piping and fan shall be inspected annually to identify any leaks or cracks in the system and that the fan is operating properly. The fan shall be maintained in accordance with the operation and maintenance manual. If necessary, repairs to seal any cracks or leaks shall be made to the system. Furthermore, any general repairs shall be made to assure proper operation of the VES system.

A log of the VES inspection and repairs shall be maintained by the property owner and is included in Exhibit E, Vapor Extraction System Inspection Log.

#### 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 Wisconsin DNR.

March 2010

Site Owner and Operator:

American Red Cross - Outagamie County Chapter

Attn: Tony Gonzalez

1302 East Wisconsin Avenue

Appleton, WI 54911 PH: (920) 733-4481

Consultant:

McMahon

Attn: Stuart Boerst

1445 McMahon Drive /P.O. Box 1025 Neenah, WI 54956 / 54957-1025

PH: (920) 751-4200

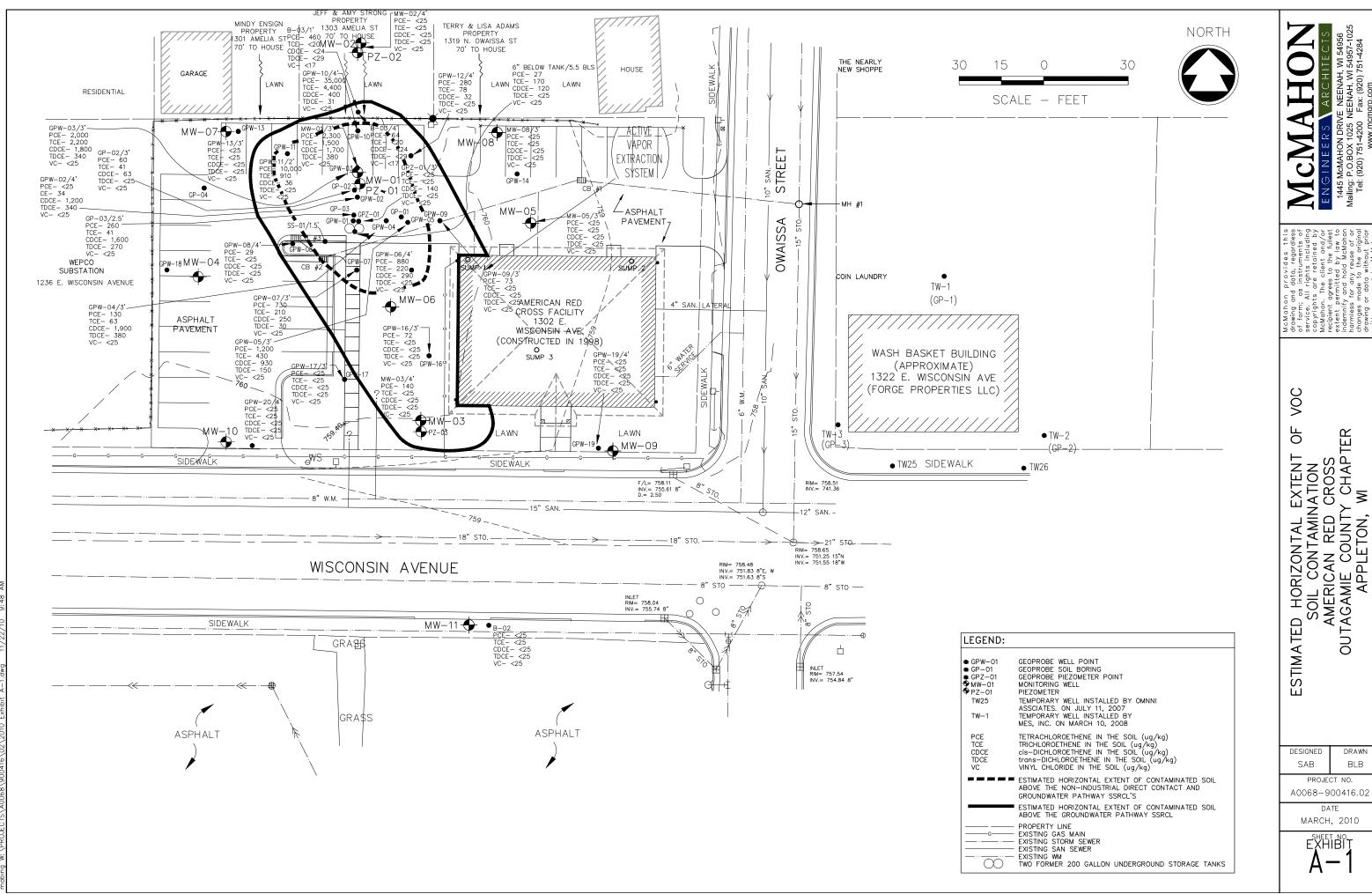
Wisconsin DNR:

Jennifer Borski

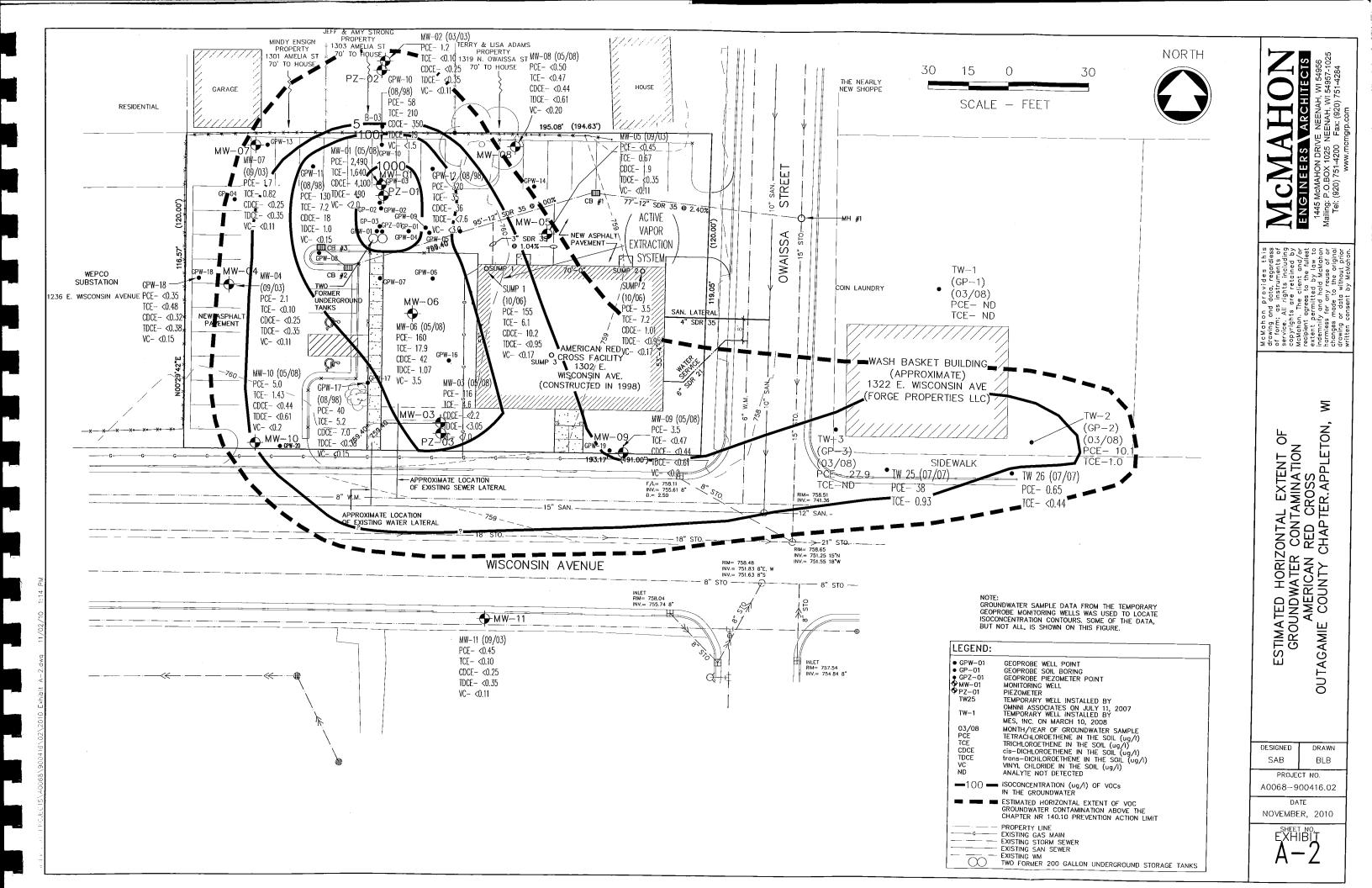
625 East County Road 'Y', Suite 700

Oshkosh, WI 54901 PH: (920) 424-7887

I.D.\Report\A0068\900416\MaintenancePlan-SAB.doc (car)



DRAWN BLB PROJECT NO. A0068-900416.02



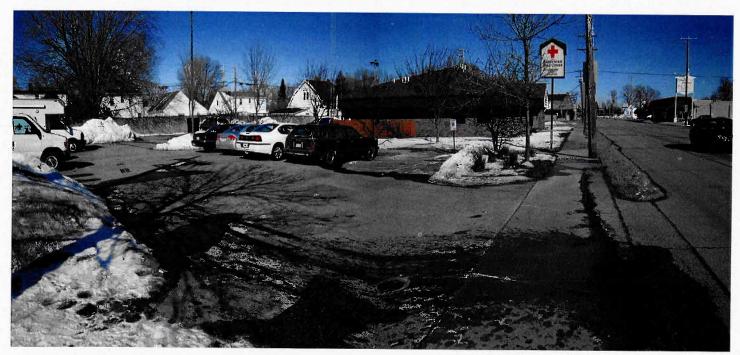


PHOTO 1. Viewing northeast and east at existing surface covers

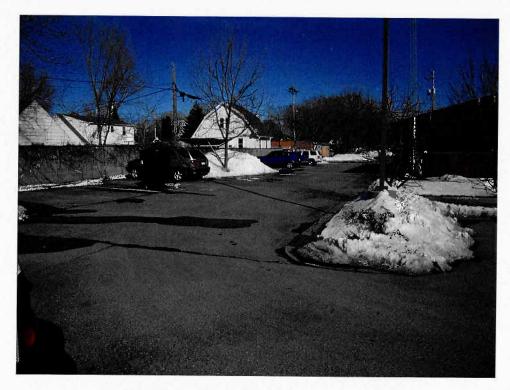


PHOTO 2. Viewing east at existing surface covers

AMERICAN RED CROSS - OUTAGAMIE CO. CHAPTER CITY OF APPLETON, OUTAGAMIE COUNTY, WI McM #A0068-900416 03/20/09

ID: PPT/2010/MCM WIS\SAB-AMERICAN RED CROSS SITE.PPT SAB:jmk

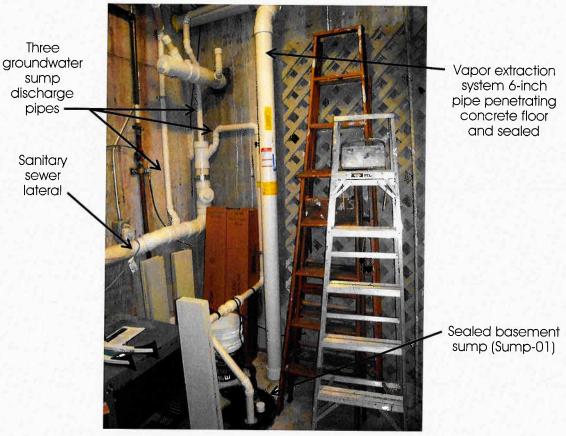


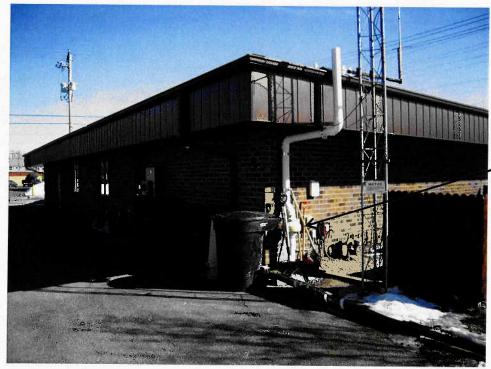
PHOTO 3. Photograph of groundwater sump system and vapor extraction system in the northwest corner of the building basement



PHOTO 4. Photograph of Dynameter connected to the vapor extraction system in the building basement, which was installed on April 30, 2008. Based on 1.25" pressure, the fan would be operating at approximately 176 cfm.

AMERICAN RED CROSS - OUTAGAMIE CO. CHAPTER CITY OF APPLETON, OUTAGAMIE COUNTY, WI McM #A0068-900416 03/20/09

ID: PPI\2010\MCM WIS\SAB AMERICAN RED CROSS SITE,PPT SAB:jmk



 Vapor extraction system fans

PHOTO 5. Viewing east at the vapor extraction system including the fan and exhaust piping.



PHOTO 6. View of the vapor extraction system fan

### EXHIBIT B PROJECT PHOTOGRAPHS

AMERICAN RED CROSS - OUTAGAMIE CO. CHAPTER CITY OF APPLETON, OUTAGAMIE COUNTY, WI McM #A0068-900416 03/20/09

ID: PPT\2010\MCM WIS\SAB-AMERICAN RED CROSS SITE.PPT SAB:jmk



PHOTO 7. View of Sump 1 on 11/02/10

AMERICAN RED CROSS - OUTAGAMIE CO. CHAPTER CITY OF APPLETON, OUTAGAMIE COUNTY, WI McM #A0068-900416 11/3/2010

ID: PPT/2010\MCM WIS\SAB-AMERICAN RED CROSS SITE.PPT SAB:jmk



PHOTO 8. View of Sump 1 on 11/02/10

AMERICAN RED CROSS - OUTAGAMIE CO. CHAPTER CITY OF APPLETON, OUTAGAMIE COUNTY, WI McM #A0068-900416 11/3/2010

ID: PPT\2010\MCM WIS\SAB-AMERICAN RED CROSS SITE,PPT SAB:jmk

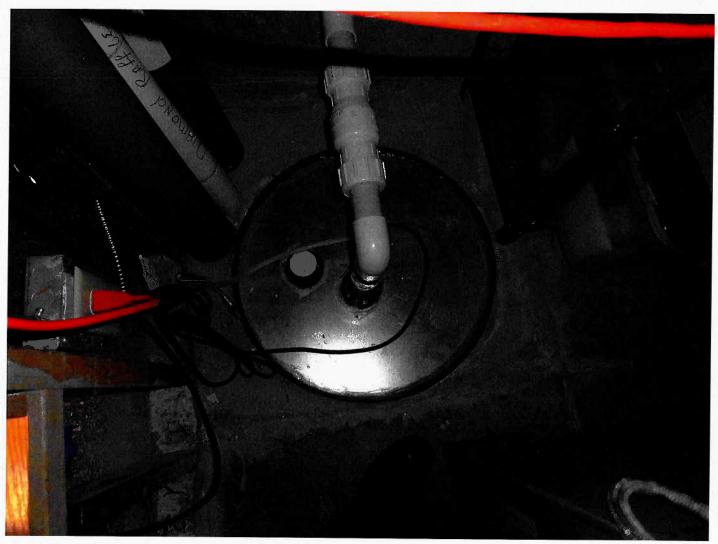
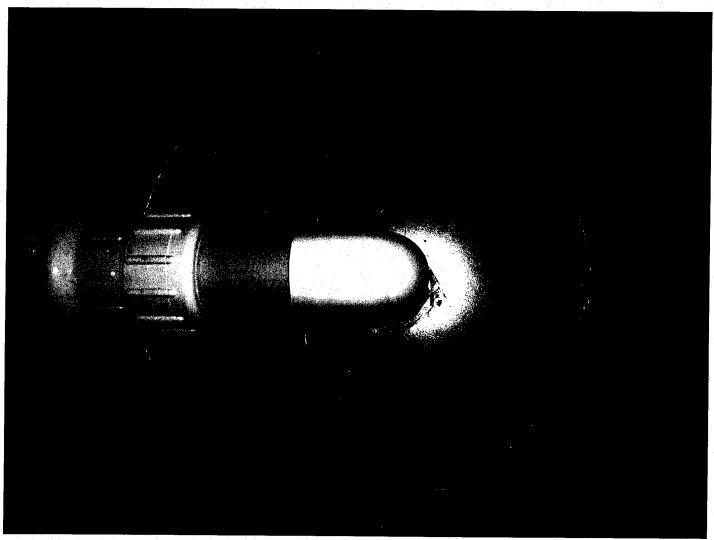


PHOTO 9. View of Sump 2 on 11/02/10

AMERICAN RED CROSS - OUTAGAMIE CO. CHAPTER CITY OF APPLETON, OUTAGAMIE COUNTY, WI McM #A0068-900416 11/3/2010

ID: PPT\2010\MCM WIS\SAB-AMERICAN RED CROSS SITE.PPT SAB:jmk



**PHOTO 10.** View of Sump 2 on 11/02/10

AMERICAN RED CROSS - OUTAGAMIE CO. CHAPTER CITY OF APPLETON, OUTAGAMIE COUNTY, WI McM #A0068-900416 11/3/2010

ID: PPT\2010\MCM WIS\SAB-AMERICAN RED CROSS SITE.PPT SAB.jmk



PHOTO 11. View of Sump 3 on 11/02/10

AMERICAN RED CROSS - OUTAGAMIE CO. CHAPTER CITY OF APPLETON, OUTAGAMIE COUNTY, WI McM #A0068-900416 11/3/2010

ID: PPT\2010\MCM WIS\SAB-AMERICAN RED CROSS SITE.PPT SAB:jmk

# EXHIBIT D Sump System Inspection Log

INSPECTION DATE	INSPECTOR	CONDITION OF SUMP SYSTEM	RECOMMENDATIONS	HAVE RECOMMENDATIONS FROM PREVIOUS INSPECTION BEEN IMPLEMENTED?
njina.				
Marie Control of the				

# EXHIBIT C Barrier Inspection Log

INSPECTION DATE	INSPECTOR	CONDITION OF CAP	RECOMMENDATIONS	HAVE RECOMMENDATIONS FROM PREVIOUS INSPECTION BEEN IMPLEMENTED?
0				
Marie Carlos Car				
	70			

# EXHIBIT E Vapor Extraction System Inspection Log

INSPECTION DATE	INSPECTOR	CONDITION OF VES SYSTEM	RECOMMENDATIONS	HAVE RECOMMENDATIONS FROM PREVIOUS INSPECTION BEEN IMPLEMENTED?
<b>37</b>				
attruspy and the state of the s				



#### State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor Matthew J. Frank, Secretary Ronald W. Kazmierczak, Regional Director Oshkosh Service Center 625 East County Road Y, STE. 700 Oshkosh, WI 54901-9731

FAX 920-424-4404

November 18, 2010

OFF-SOURCE A PROPERTY

MR JEFF STRONG 1303 E AMELIA ST APPLETON WI 54911

SUBJECT: Continuing Obligations and Property Owner Requirements for 1303 E.

Amelia St., Appleton, WI

Parcel Identification Number: 311192200

Final Case Closure for American Red Cross, 1302 E. Wisconsin Ave., WI

WDNR BRRTS Activity #: 02-45-192316

#### Dear Mr. Strong:

The purpose of this letter is to notify you that certain continuing obligations apply to the property at 1303 East Amelia Street, Appleton, Wisconsin, (referred to in this letter as the "Property") due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved for the above referenced case, located at 1302 East Wisconsin Avenue, Appleton, Wisconsin (the "Source Property"). (The case is referenced by the location of the source property, i.e. the property where the original discharge occurred, prior to contamination migrating to the Property.) The continuing obligations that apply to the Source Property are stated as conditions in the attached closure approval letter, and are consistent with s. 292.12, Wis. Stats., and ch. NR 700, Wis. Adm. Code, rule series. They are meant to limit exposure to any remaining environmental contamination at the Source Property. These continuing obligations will also apply to future owners of the Source Property, until the conditions no longer exist at the Source Property.

It is common for properties with approved cleanups to have continuing obligations as part of cleanup/closure approvals. Information on continuing obligations on properties is shown on the Internet at <a href="http://dnr.wi.gov/org/aw/rr/gis/index.htm">http://dnr.wi.gov/org/aw/rr/gis/index.htm</a>. How to find further information about the closure and residual contamination for this site can be located at <a href="http://dnr.wi.gov/org/aw/rr/clean.htm">http://dnr.wi.gov/org/aw/rr/clean.htm</a>.

The Department reviewed and approved the case closure request regarding the chlorinated solvents from a former dry cleaner in soil, groundwater and air at this site, based on the information submitted by American Red Cross. As required by state law, you received notification about the requested closure from the person conducting the cleanup. No further investigation or cleanup is required at this time. However, the closure decision is conditioned on the long-term compliance with certain continuing obligations, as described below.



WDNR BRRTS Activity #: 02-45-192316

OFF-SOURCE

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PROPERTY

#### **Continuing Obligations Applicable to Your Property**

A number of continuing obligations are described in the attached case closure letter to American Red Cross, dated November 15, 2010. However, **only the following continuing obligations apply to your Property.** 

- Residual soil contamination exists at former B-03, as shown on attached Figure 9, that must be properly managed should it be excavated or removed.
- Groundwater contamination is present above Chapter NR 140 enforcement standards near former B-03, as shown on attached Figure 10.

#### Residual Soil Contamination

Residual soil contamination remains at **B-03** as shown on the **attached Figure 9** and in the information submitted to the Department. **If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains.** If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

#### GIS Registry – Well Construction Approval Needed

Because of the residual soil and groundwater contamination and the continuing obligations, this site, which includes your Property, will be listed on the Department's internet accessible GIS Registry, at <a href="http://dnr.wi.gov/org/aw/rr/gis/index.htm">http://dnr.wi.gov/org/aw/rr/gis/index.htm</a>. If you intend to construct or reconstruct a well on the Property, you will need to get Department approval in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help with this form. This form can be obtained on-line <a href="http://dnr.wi.gov/org/water/dwg/3300254.pdf">http://dnr.wi.gov/org/water/dwg/3300254.pdf</a>. If at some time, all these continuing obligations are fulfilled, and the remaining contamination is either removed or meets applicable standards, you may request the removal of the Property from the GIS Registry.

#### Property Owner Responsibilities

The owner (you and any subsequent property owner) of this Property is responsible for compliance with these continuing obligations listed above, pursuant to s. 292.12, Wis. Stats. You are strongly encouraged to pass on the information about these continuing obligations to anyone who purchases this Property from you (i.e. pass on this letter). For residential property transactions, you are required to make disclosures under Wis. Stats. s. 709.02. You may have additional obligations to notify buyers of the condition of the Property and the continuing obligations set out in this letter and the closure letter.

OFF-SOURCE
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PROPERTY

Please be aware that failure to comply with the continuing obligations listed above may result in enforcement action by the Department. The Department intends to conduct inspections in the future to ensure that the conditions included in this letter are met.

Responsibilities for the continuing obligations listed above are the Property owner's. A property owner may enter into a legally binding agreement (such as a contract) with someone else (the person responsible for the cleanup) to take responsibility for compliance with the continuing obligations. If the person with whom any property owner has an agreement fails to adequately comply with the appropriate continuing obligations, the Department has the authority to require the property owner to complete the necessary work.

A legal agreement between you and another party to carry out any of the continuing obligations listed in this letter does not automatically transfer to a new owner of the Property. If a subsequent property owner cannot negotiate a new agreement, the responsibility for compliance with the applicable continuing obligations resides with that new property owner.

You and any subsequent property owners are responsible for notifying the Department, and obtaining approval, before making any changes to the Property that would affect the obligations applied to the Property. Send all written notifications in accordance with the above requirements to:

Oshkosh DNR Service Center Attention: Jennifer Borski 625 E. County Rd Y, STE. 700 Oshkosh, WI 54901-9731

The following DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" has been 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 <a href="http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf">http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf</a>.

Under s. 292.13, Wis. Stats., owners of properties affected by contamination from another property are generally exempt from investigating or cleaning up a hazardous substance discharge that has migrated onto a property from another property, through the soil, groundwater or sediment pathway. However, the exemption under s. 292.13, Wis. Stats., does not exempt the property owner from the responsibility to maintain a continuing obligation placed on the property in accordance with s. 292.12, Wis. Stats. To maintain this exemption, that statute requires the current property owner and any subsequent property owners, to meet the conditions in the statute, including:

- Granting reasonable access to DNR or responsible party, or their contractors;
- · Avoiding interference with response actions taken; and
- Avoiding actions that make the contamination worse (e.g., demolishing a structure and causing or worsening the discharges to the environment).

The Department appreciates your efforts. If you have any questions regarding this closure decision or anything outlined in this letter, please contact **Jennifer Borski in Oskohsh** at **(920) 424-7887.** 

November 18, 2010

Continuing Obligations and Property Owner Requirements for 1303 E. Amelia St., Appleton, WI WDNR BRRTS Activity #: 02-45-192316

Page 4 of 4

Sincerely,

OFF-SOURCE

A
PROPERTY

Roxanne Nelezen Chronert, Acting Team Supervisor Northeast Remediation & Redevelopment Program

#### Attachments

Figure 9, Estimated Horizontal Extent of VOC Soil Contamination, November 2010 Figure 10, Estimated Horizontal Extent of Groundwater Contamination, November 2010 Continuing Obligations for Environmental Protection, Responsibilities of Wisconsin Property Owners, RR-819, June 2009

cc: Tony Gonzalez, American Red Cross Stuart Boerst, McMahon



#### State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

OFF-SOURCE

B
PROPERTY

Jim Doyle, Governor Matthew J. Frank, Secretary Ronald W. Kazmierczak, Regional Director Oshkosh Service Center 625 East County Road Y, STE. 700 Oshkosh, WI 54901-9731

FAX 920-424-4404

November 18, 2010

EN ERTIES II C

GERI ANN KEEN FORGE PROPERTIES LLC 1209 E PAULINE ST APPLETON WI 54911

SUBJECT: Continuing Obligations and Property Owner Requirements for 1322 E.

Wisconsin Ave., Appleton, WI

Parcel Identification Number: 311193000

Final Case Closure for American Red Cross, 1302 E. Wisconsin Ave., WI

WDNR BRRTS Activity #: 02-45-192316

Dear Ms. Keen:

The purpose of this letter is to notify you that certain continuing obligations apply to the property at 1322 East Wisconsin Avenue, Appleton, Wisconsin, (referred to in this letter as the "Property") due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved for the above referenced case, located at 1302 East Wisconsin Avenue, Appleton, Wisconsin (the "Source Property"). (The case is referenced by the location of the source property, i.e. the property where the original discharge occurred, prior to contamination migrating to the Property.) The continuing obligations that apply to the Source Property are stated as conditions in the attached closure approval letter, and are consistent with s. 292.12, Wis. Stats., and ch. NR 700, Wis. Adm. Code, rule series. They are meant to limit exposure to any remaining environmental contamination at the Source Property. These continuing obligations will also apply to future owners of the Source Property, until the conditions no longer exist at the Source Property.

It is common for properties with approved cleanups to have continuing obligations as part of cleanup/closure approvals. Information on continuing obligations on properties is shown on the Internet at <a href="http://dnr.wi.gov/org/aw/rr/gis/index.htm">http://dnr.wi.gov/org/aw/rr/gis/index.htm</a>. How to find further information about the closure and residual contamination for this site can be located at <a href="http://dnr.wi.gov/org/aw/rr/clean.htm">http://dnr.wi.gov/org/aw/rr/clean.htm</a>.

The Department reviewed and approved the case closure request regarding the chlorinated solvents from a former dry cleaner in soil, groundwater and air at this site, based on the information submitted by American Red Cross. As required by state law, you received notification about the requested closure from the person conducting the cleanup. No further investigation or cleanup is required at this time. However, the closure decision is conditioned on the long-term compliance with certain continuing obligations, as described below.



OFF-SOURCE

B
PROPERTY

#### **Continuing Obligations Applicable to Your Property**

A number of continuing obligations are described in the attached case closure letter to American Red Cross, dated November 15, 2010. However, **only the following continuing obligation applies to your Property.** 

• Groundwater contamination is present above Chapter NR 140 enforcement standards at former TW-2, TW-3 and TW-25, as shown on attached Figure 10.

#### GIS Registry – Well Construction Approval Needed

Because of the residual groundwater contamination and the continuing obligation, this site, which includes your Property, will be listed on the Department's internet accessible GIS Registry, at <a href="http://dnr.wi.gov/org/aw/rr/gis/index.htm">http://dnr.wi.gov/org/aw/rr/gis/index.htm</a>. If you intend to construct or reconstruct a well on the Property, you will need to get Department approval in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help with this form. This form can be obtained on-line <a href="http://dnr.wi.gov/org/water/dwg/3300254.pdf">http://dnr.wi.gov/org/water/dwg/3300254.pdf</a>. If at some time, all these continuing obligations are fulfilled, and the remaining contamination is either removed or meets applicable standards, you may request the removal of the Property from the GIS Registry.

#### **Property Owner Responsibilities**

The owner (you and any subsequent property owner) of this Property is responsible for compliance with this continuing obligation listed above, pursuant to s. 292.12, Wis. Stats. You are strongly encouraged to pass on the information about these continuing obligations to anyone who purchases this Property from you (i.e. pass on this letter). For residential property transactions, you are required to make disclosures under Wis. Stats. s. 709.02. You may have additional obligations to notify buyers of the condition of the Property and the continuing obligations set out in this letter and the closure letter.

Please be aware that failure to comply with the continuing obligations listed above may result in enforcement action by the Department. The Department intends to conduct inspections in the future to ensure that the conditions included in this letter are met.

Responsibilities for the continuing obligations listed above are the Property owner's. A property owner may enter into a legally binding agreement (such as a contract) with someone else (the person responsible for the cleanup) to take responsibility for compliance with the continuing obligations. If the person with whom any property owner has an agreement fails to adequately comply with the appropriate continuing obligations, the Department has the authority to require the property owner to complete the necessary work.

A legal agreement between you and another party to carry out any of the continuing obligations listed in this letter does not automatically transfer to a new owner of the Property. If a subsequent property owner cannot negotiate a new agreement, the responsibility for compliance with the applicable continuing obligations resides with that new property owner.

November 18, 2010

## Continuing Obligations and Property Owner Requirements for 1322 E. Wisconsin Ave., Appleton, WI WDNR BRRTS Activity #: 02-45-192316

Page 3 of 3

OFF-SOURCE

B

PROPERTY

You and any subsequent property owners are responsible for notifying the Department, and obtaining approval, before making any changes to the Property that would affect the obligations applied to the Property. Send all written notifications in accordance with the above requirements to:

Oshkosh DNR Service Center Attention: Jennifer Borski 625 E. County Rd Y, STE. 700 Oshkosh, WI 54901-9731

The following DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" has been 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 <a href="http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf">http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf</a>.

Under s. 292.13, Wis. Stats., owners of properties affected by contamination from another property are generally exempt from investigating or cleaning up a hazardous substance discharge that has migrated onto a property from another property, through the soil, groundwater or sediment pathway. However, the exemption under s. 292.13, Wis. Stats., does not exempt the property owner from the responsibility to maintain a continuing obligation placed on the property in accordance with s. 292.12, Wis. Stats. To maintain this exemption, that statute requires the current property owner and any subsequent property owners, to meet the conditions in the statute, including:

- Granting reasonable access to DNR or responsible party, or their contractors;
- · Avoiding interference with response actions taken; and
- Avoiding actions that make the contamination worse (e.g., demolishing a structure and causing or worsening the discharges to the environment).

The Department appreciates your efforts. If you have any questions regarding this closure decision or anything outlined in this letter, please contact **Jennifer Borski in Oskohsh** at **(920) 424-7887.** 

Sincerely,

Roxanne Nelezen Chronert, Acting Team Supervisor

Northeast Remediation & Redevelopment Program

Attach.

Figure 10, Estimated Horizontal Extent of Groundwater Contamination, November 2010 Continuing Obligations for Environmental Protection, Responsibilities of Wisconsin Property Owners, RR-819, June 2009

cc: Tony Gonzalez, American Red Cross Stuart Boerst, McMahon



#### State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor Matthew J. Frank, Secretary Ronald W. Kazmierczak, Regional Director Oshkosh Service Center 625 East County Road Y, STE. 700 Oshkosh, WI 54901-9731

FAX 920-424-4404

June 18, 2010

MR TONY GONZALEZ AMERICAN RED CROSS 1302 E WISCONSIN AVE APPLETON WI 54911

Subject: Conditional Closure Decision,

With Requirements to Achieve Final Closure

American Red Cross, 1302 E Wisconsin Ave, Wisconsin

**WDNR BRRTS Activity # 02-45-192316** 

Dear Mr. Gonzalez:

On June 15, 2010, the Northeast Regional Closure Committee (the "Closure Committee") reviewed your request for closure of the case described above. The Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the chlorinated solvent contamination on the site from the vicinity of the former dry cleaner that was located on the property appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

#### **UPDATE FIGURES AND TABLES**

The following changes need to be made to figures and tables for inclusion on the GIS Registry:

- Include the eastern and northern property boundaries for 1322 E Wisconsin Ave on all figures;
- Update current property owner at 1322 E Wisconsin on Figures 9 and 10;
- Update Figures 9 and 10 and Tables 3 and 4 as communicated in an electronic mail message from Ms. Borski to Mr. Stuart Boerst of McMahon on June 18, 2010.

#### **GIS REGISTRY DOCUMENTATION**

The following information needs to be submitted to complete the soil and groundwater GIS Registry packets:

- Current deed for 1303 E Amelia St
- Current deed for 1322 E Wisconsin Ave

#### **UPDATE CONTINUING OBLIGATIONS MAINTENANCE PLAN**

The following changes need to be made to the Pavement Cover, Building Barrier, Drain Tile, Groundwater Sump & Vapor Extraction System Maintenance Plan:

• Amend the last sentence of the section, "Basement Drain Tile & Sump System" on page 3 to read, "The drain tile and sump system must operate on a continual basis to maintain



the air space between the foundation and groundwater."

- Amend the first sentence of the section, "Vapor Extraction System" on page 3 to read, "A Vapor Extraction System (VES) must operate on a continual basis in the basement of the building to minimize Chlorinated Volatile Organic Compounds (CVOC's) in the indoor air."
- Include phone number (920) 424-7887 for Jennifer Borski as the Wisconsin DNR contact on page 4.
- Include close-up photographs of sump 1 (northwest corner of building), sump 2 (northeast corner of building) and sump 3 (center of building) as photos 6, 7 and 8 in Exhibit B. The photos should clearly show the condition of the cover, seals and surrounding concrete;
- Update Exhibits A-1 and A-2 to include the changes required for Figures 9 and 10 above.

#### MONITORING WELL ABANDONMENT

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-005 found at <a href="http://dnr.wi.gov/org/water/dwg/gw/">http://dnr.wi.gov/org/water/dwg/gw/</a> or provided by the Department.

#### **PURGE WATER, WASTE AND SOIL PILE REMOVAL**

Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit the RR Sites Map page at: <a href="http://dnr.wi.gov/org/aw/rr/gis/index.htm">http://dnr.wi.gov/org/aw/rr/gis/index.htm</a>.

Please be aware that the case may be reopened pursuant to s. 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.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me in Oshkosh at (920) 424-7887.

Sincerely,

Jennifèr Borski Hydrogeologist

Remediation & Redevelopment Program

Electronic copy: S. Boerst, McMahon

This Deed, made between Stephen A. Mark J. Winter, d/b/a, R.S.M. Inva Wisconsin Partnership.	estments,	! !
and American National Red Cross	, Grantor,	
***************************************		
Witnesseth, That the said Grantor, for a va	luable consideration	
conveys to Grantee the following described real estate in County, State of Wisconsin:		RETURBLITE WINTER & ASSOCIATES, LTD. 3003 W. College Ave. Appleton, WI 54914
		Tax Parcel No:
All of Lots Two (2) & Four (4), U Outagamie County, Wisconsin.	LLMAN'S ADDITIO	***************************************
	;   	tiled under 1302 Fz-Wi
•		
· ·	· .	1304 12-00
This is not. homestead property.  (is) (is not)	•	
Together with all and singular the hereditaments a And R.S.M. Investments.  warrants that the title is good, indefeasible in fee simple		
and will warrant and defend the same.	·	
Dated this 20 Th day of	December	, 19 <u>85</u> .
•	R.S. M. INVEST	MENTS )
(SEAL)	BY XL, De F	(SEAL)
	"Stephen A. W	inter, Partner
(SEAL)	Augusta.	(Mullia (SEAL)
Later	*Mark J. Wint	er, Partner
AUTHENTICATION	ACKN	OWLEDGMENT
Sionature (s)	STATE OF WISCON	isin . I

Barrera de la Gran

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Şignature(8)	STATE OF WISCO	Mar. 15 2006 03:09	14ye
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authenticated thisday of	.Qutagami.e 19 Personally com	ie before me this 20th.	
* TITLE: MEMBER STATE BAR OF WISCONSIN	Stephen A. Win	Winter and	
THIS INSTRUMENT WAS DRAFTED BY Attorney Bruce Chudacoff	to me known to be the	e person	
Appleton-, Wisconsin (Signatures may be authenticated or acknowledged, are not necessary.)	Notary Publication is pe	A. Tyler County, Wis. rmancht. (If not, state expiration	
Names of persons signing in any capacity should be typed or pri	rinted holow their signatures	7, 19.84.)	
VARRANTY DRED STATE	E BAR OF WISCONSIN FORM No. 2—1982	Wisconsin Legal Blank Co. Inc. Milwaukee, Wis.	



J 18783 1 46

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DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 1

# 1208074

## WARRANTY DEED

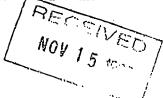
This Deed, made between Mitchell Lang, Grantor, and The American National Red Cross, Grantee,

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

Lots Six (6) and Eight (8), ULLMAN'S ADDITION, City of Appleton, Outagamie County, Wisconsin.

Tax Key Nos. 31-1-1925 and 31-1-1928

THIS SPACE RESERVED FOR RECORDING DATA



OUTAGAMIE COUNTY RECEIVED FOR RECORD

DCT 30 1986

AT O'CLOCK AM. P.M. GRACE HERB REGISTER OF DEEDS

American National Red Cross 1302 E Wisconsin Ave Appleton WI 54911

ph.

This deed is given in fulfillment of a Land Contract between the parties dated November 28, 1995 and recorded November 29, 1995 in Jacket 17503, Image 37-38, as Document No. 1173236.

This is not homestead property.

# FEE 17

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

Dated this 19th day of	September	<u>.                                    </u>
*		_(SEAL)
*		_(SEAL)
AUTHENTICAT Signature(s)	TION	
authenticated this day of	, 1996	
TITLE: MEMBER STATE B	AR OF WISCONSI	N

THIS INSTRUMENT DRAFTED BY
ATTORNEY LARRY LIEBZEIT

\* Mitchell Lang (SEAL)

ARRY (SEAL)

ACKNOWN DEMENT

shally came before the this 19th day of

to me known to be the person(s) who executed the foregoing instrument, and acknowledge the same.

	7	5	4	
*	Larry	Liebzeit		_
37				_

Notary Public, County, Wisconsin
My commission is permanent



Outagamie County Chapter 1302 E. Wisconsin Avenue Appleton, WI 54911 (920) 733-4481 FAX (920) 733-1972

May 22, 2006

McMahon Associates, Inc Attn: Stuart Boerst P.O. Box 1025 Neenah, WI 54957-1025

Dear Stuart:

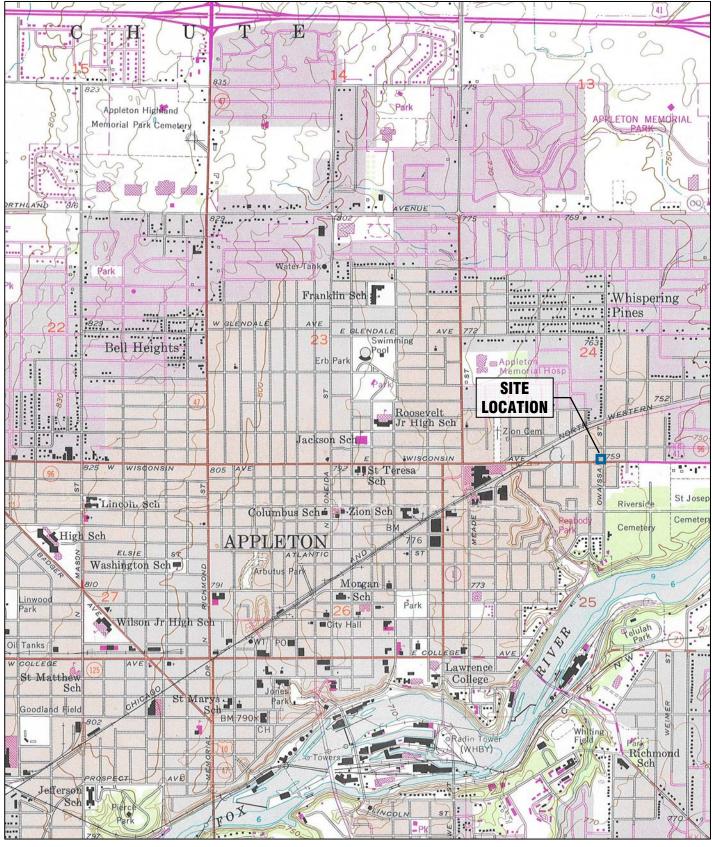
Per the information we submitted to you in April, 2006, we believe that the legal descriptions on the property deeds are complete and accurate.

Thank you for all of your assistance in this matter and you can reach me at 733-4481 with questions.

Sincerely,

Tony Genzalez Executive Director

Outagamie Chapter of the American Red Cross



Map Source: United States Department of The Interior Geological Survey, Appleton Quadrangle, Wisconsin, 7.5 Minute Series, 1984



SCALE: 1" = 2000

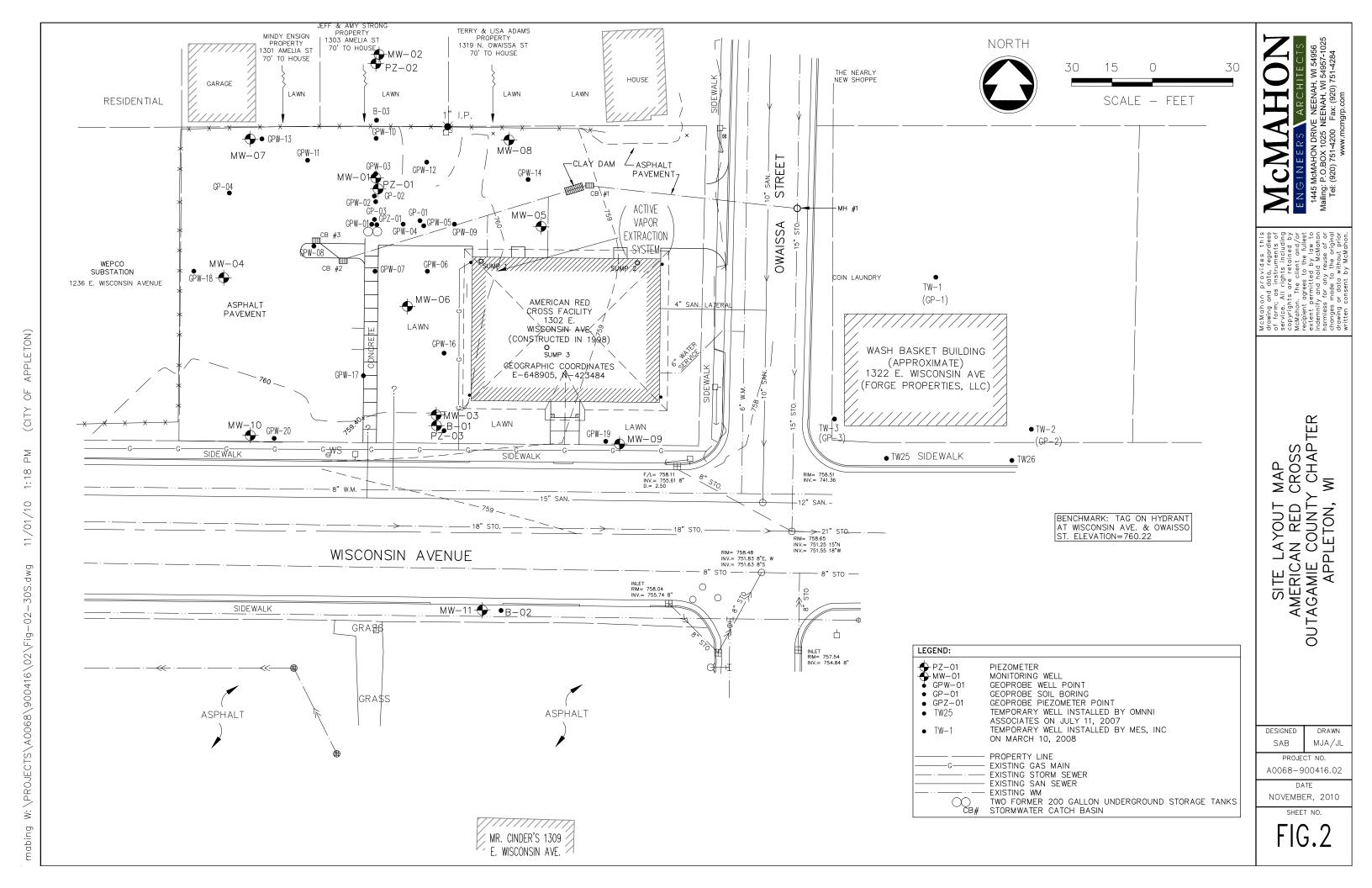
FIGURE 1

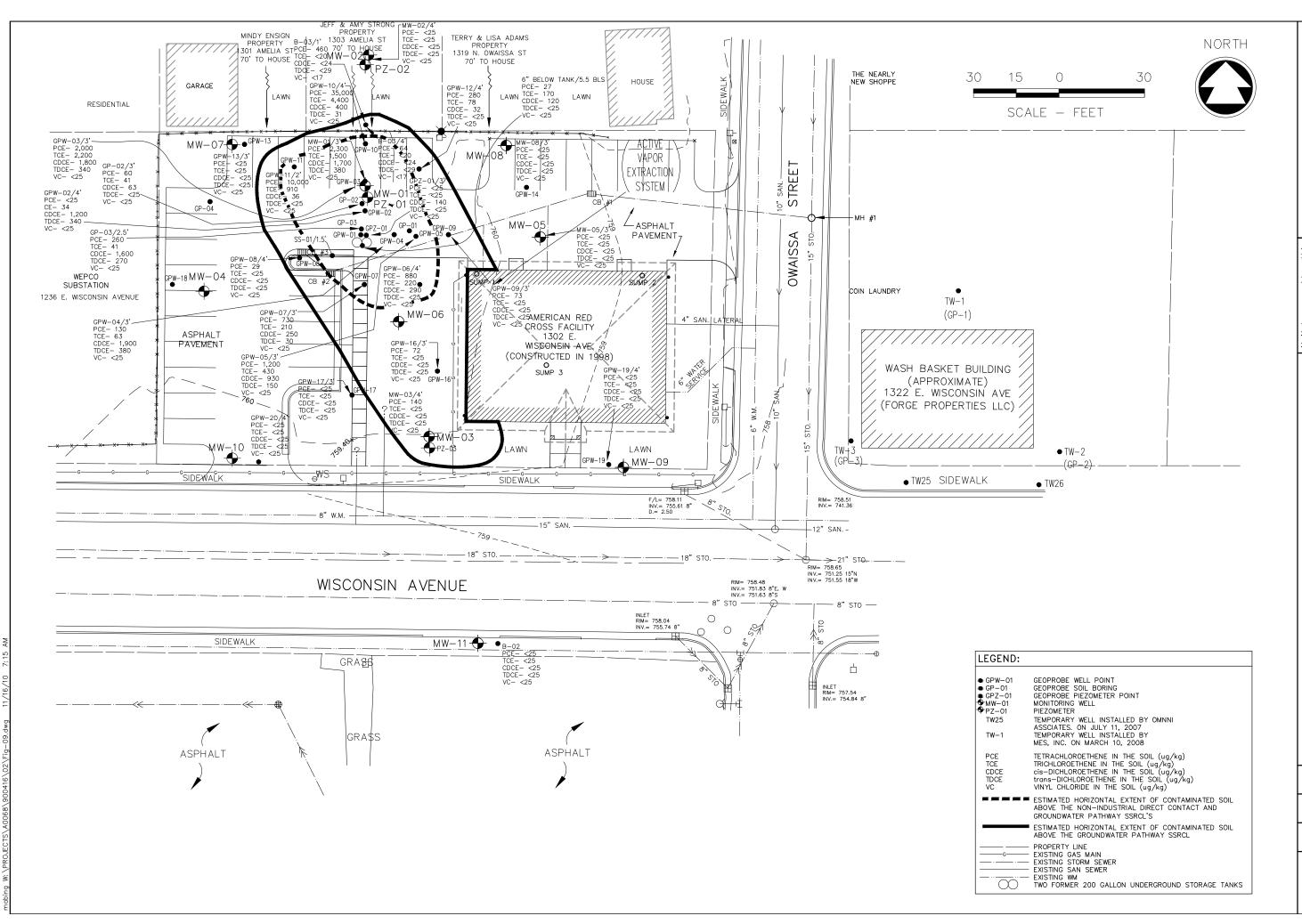
# **SITE LOCATION & TOPOGRAPHIC MAP**

AMERICAN RED CROSS - OUTAGAMIE CHAPTER APPLETON, WI

McM #A0068-900416.00 5/22/2006
ID: PPT\2006\MCM WI\AMERICAN RED CROSS SITE.PPT SAB:jmk







VOC OF MATED HORIZONTAL EXTENT OF SOIL CONTAMINATION AMERICAN RED CROSS OUTAGAMIE COUNTY CHAPTER APPLETON, WI STIMATED لنا

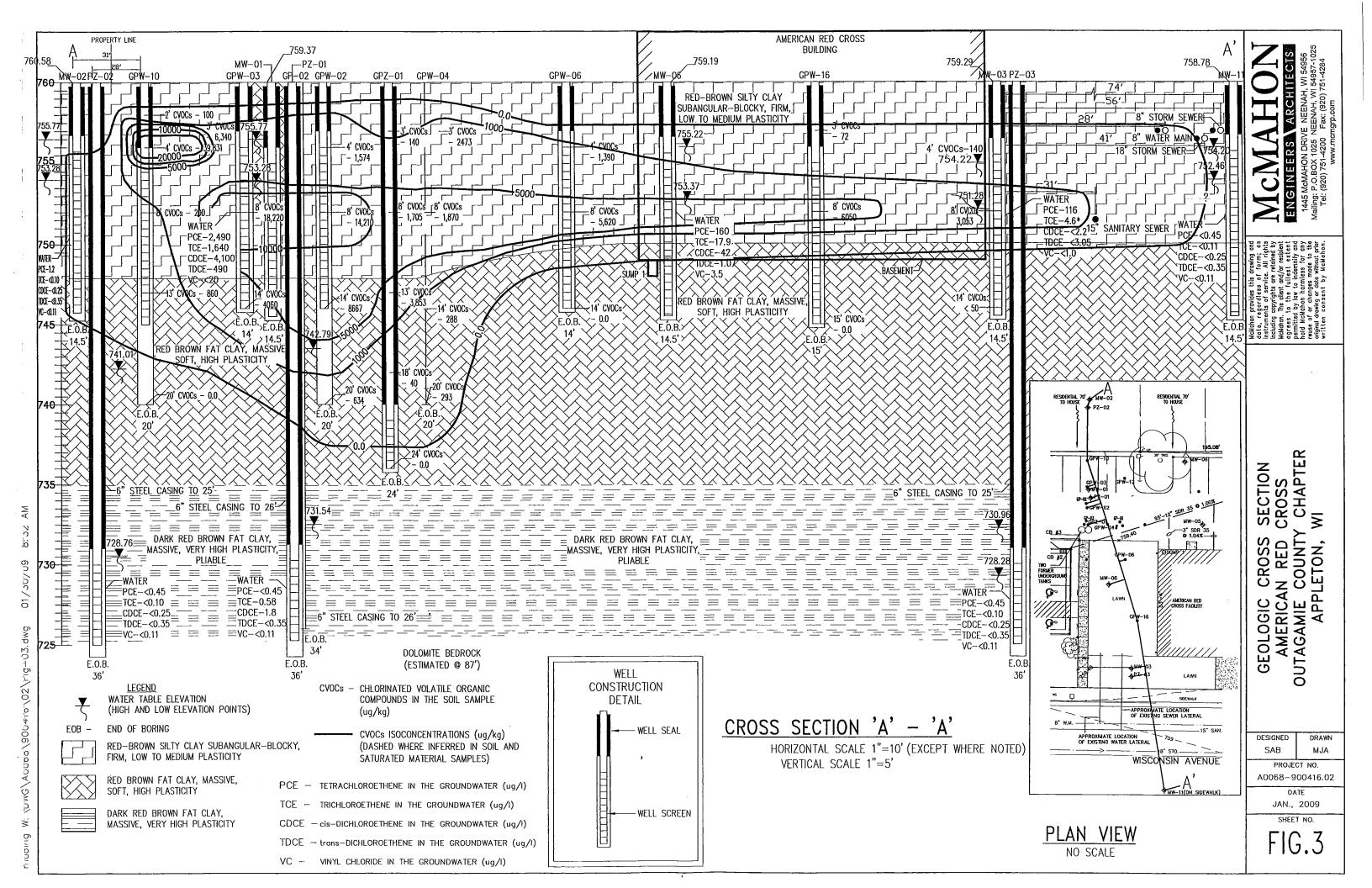
DESIGNED DRAWN SAB BLB

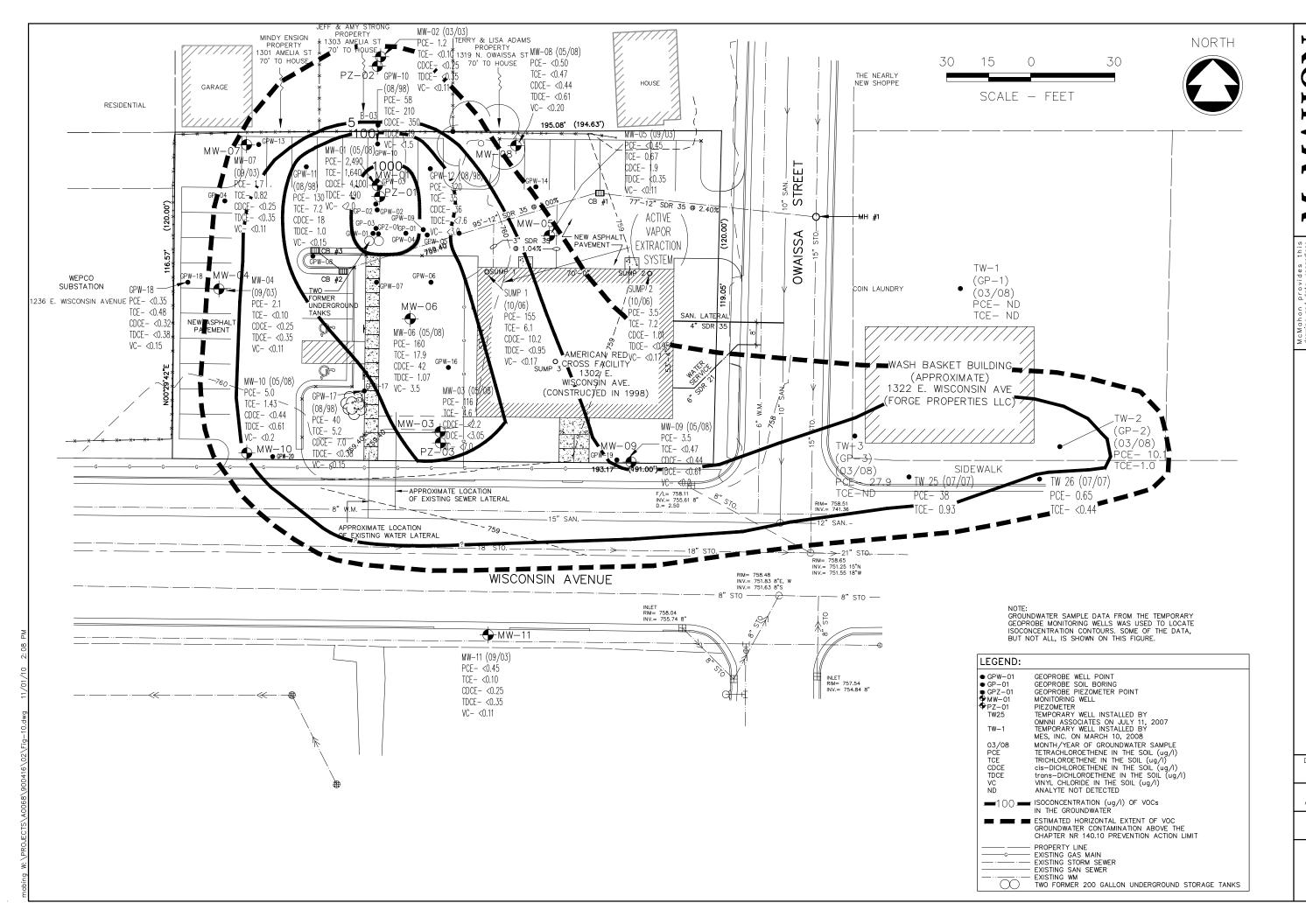
PROJECT NO. A0068-900416.02

DATE NOVEMBER, 2010

SHEET NO.

FIG.9





ENGINEERS ARCHITECTS
1445 McMAHON DRIVE NEENAH, WI 54956
Mailing: P.O.BOX 1025 NEENAH, WI 54957-10.
Tel: (920) 7514200 Pax: (920) 7514204

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ESTIMATED HORIZONTAL EXTENT OF GROUNDWATER CONTAMINATION AMERICAN RED CROSS OUTAGAMIE COUNTY CHAPTER.APPLETON, WI

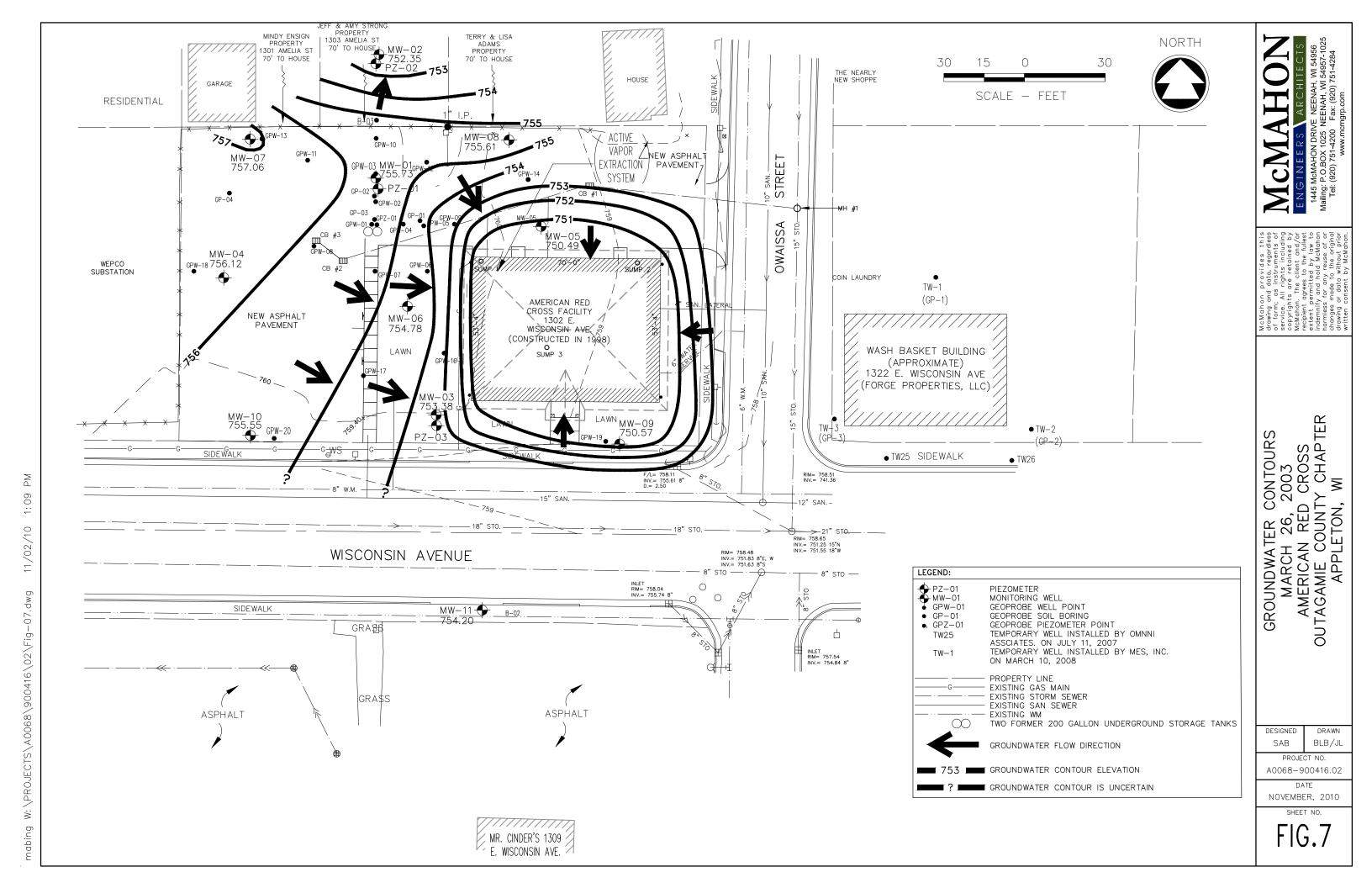
DESIGNED DRAWN
SAB BLB

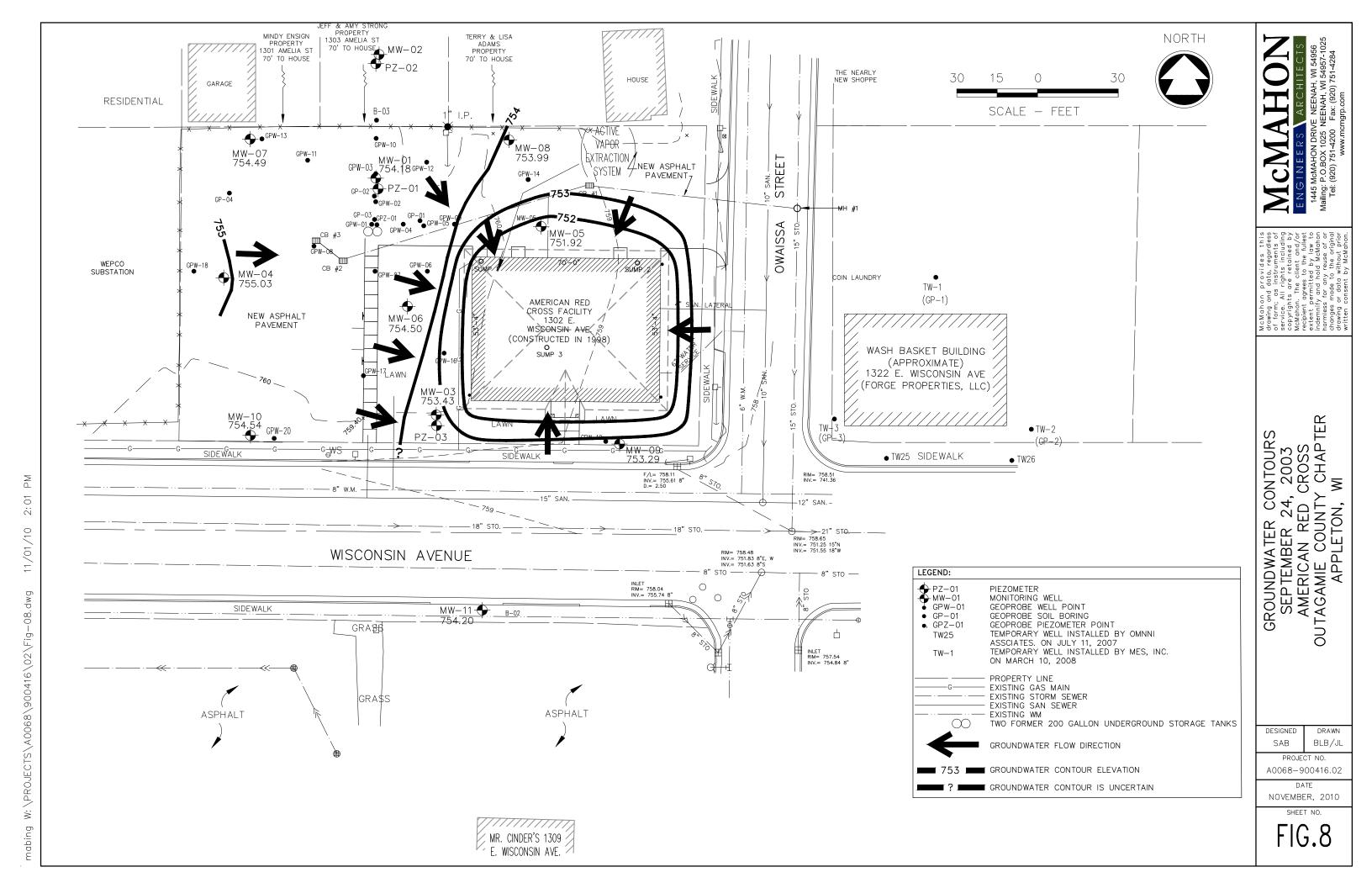
PROJECT NO. A0068-900416.02

DATE NOVEMBER, 2010

SHEET NO.

FIG.10





## SOIL ANALYTICAL RESULTS - DETECTED VOC's

AMERICAN RED CROSS - OUTAGAMIE COUNTY CHAPTER 1302 East Wisconsin Avenue - Appleton, Wisconsin

Soil Sample / Depth (feet)	Date	Tetra- chloroe thene (ug/kg)	Tri- chloroethene (ug/kg)	cis-1,2 Dichloroethen e (ug/kg)	trans-1,2 Dichloroethene (ug/kg)	Vinyl Chloride (ug/kg)	Chloro- methane (ug/kg)	n-Butyl Benzene (ug/kg)	tert-Butyl Benzene (ug/kg)	sec-Butyl Benzene (ug/kg)	Ethyl Benzene (ug/kg)	Isopropyl Benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	n-Propyl Benzene (ug/kg)	1,2,4 Trimethyl Benzene (ug/kg)	1,3,5 Trimethyl Benzene (ug/kg)	Total Xylenes (ug/kg)	Naph thalene (ug/kg)	Toluene (ug/kg)	Total CVOC's (ug/kg)	Total VOC's (ug/kg)
GPZ-01 / 3'	07/14/98	<25	<25	140	<25	<25	<25	130	<25	35	37	<25	<25	62	<25	65	<50	<25	<25	140	469
GPZ-01 / 8'*	07/14/98	580	390	660	75	<25	<25	240	49	140	90	<25	<25	<25	73	200	<50	<25	<25	1,705	2,497
GPZ-01 / 13'*	07/14/98	1,800	1,100	870	83	<25	<25	<25	<25	73	<25	<25	<25	62	<25	<25	<50	<25	<25	3,853	3,988
GPZ-01 / 18'*	07/14/98	<25	<25	40	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	40	40
GPZ-01 / 24'*	07/14/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GP-01 / 1'**	08/04/98	160	63	280	83	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	586	586
GPW-02 / 4'	07/14/98	<25	34	1,200	340	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	1,574	1,574
GPW-02 / 8'*	07/14/98	10,000	2,400	1,600	210	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	14,210	14,210
GPW-02 / 14'*	07/14/98	6,900	880	880	76	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	8,667	8,736
GPW-02 / 20'*	07/14/98	290	64	220	60	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	634	634
GP-02 / 2'**	08/04/98	180	38	3,300	1,200	53	<25	76	<25	<25	<25	<25	<25	<25	150	58	170	<25	<25	4,771	5,225
GP-02 / 3'	08/04/98	60	41	63	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	164	164
GP-02 / 26'*	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GP-02 / 31'*	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GP-02 / 34'*	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-03 / 3'	07/14/98	2,000	2,200	1,800	340	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	6,340	6,340
GPW-03 / 8'*	07/14/98	13,000	3,200	1,900	120	<25	<25	80	<25	110	40	79	<25	<25	<25	<25	<50	<25	<25	18,220	18,529
GPW-03 / 14'*	07/14/98	3,800	150	110	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	4,060	4,060
GP-03 / 1'**	08/04/98	260	120	2,200	400	38	<25	30	<25	<25	<25	<25	<25	57	31	33	<50	<25	<25	3,018	3,159
GP-03 /2.5'	08/04/98	260	41	1,600	270	<25	26	<25	<25	<25	150	72	<25	580	130	440	110	<25	<25	2,197	3,653
GPW-04 / 3'	07/14/98	130	63	1,900	380	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	2,473	2,473
GPW-04 / 8'*	07/14/98	<25	<25	1,700	170	<25	<25	6,300	<25	2,500	1,500	900	1,300	2,900	3,300	4,400	1,100	<25	<25	1,870	26,070
GPW-04 / 14'*	07/14/98	88	<25	200	<25	<25	<25	88	<25	40	46	<25	<25	54	<25	<25	<50	<25	<25	288	516
GPW-04 / 20'*	07/14/98	83	<25	210	<25	<25	<25	78	<25	<25	<25	<25	<25	36	58	54	<50	<25	<25	293	519
GP-04 / 1'**	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GP-04 / 2.5'	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-05 / 3'	07/14/98	1,200	430	930	150	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	2,710	2,710
GPW-05 / 8'*	07/14/98	3,000	460	380	40	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	3,880	3,880
GPW-05 / 14'*	07/14/98	2,600	320	150	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	3,070	3,070
GPW-06 / 4'	07/14/98	880	220	290	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	1,390	1,390
GPW-06 / 8'*	07/14/98	2,500	1,500	1,500	120	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	5,620	
GPW-06 / 14'*	07/14/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	5,620 <25
GPW-07 / 3'	07/14/98	730	210	250	30	<25	<25	<b>&lt;</b> 25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	1,220	1,220
GPW-07 / 8'*	07/14/98	420	32	63	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	515	515
GPW-07 / 14'*	07/14/98	300	29	80	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	409	409
Non-Industrial Direct Contact		1,230	160	156,000	313,000	42.6					_							-			-
Groundwater Pathway SSR		4.1	3.7	28	100	0.13		_													
NR 720 Generic Soil Standa						<u> </u>					2,900						4,100	===	1,500	 	

#### EXPLANATION:

BOLD Italics

ND = Not Detected

wb - Not Detected

ug/kg = Microgram / Kilogram (ppb)

\* = Soil Sample Not Subject To The NR 720 Soil Standards Due to Collection Within the Saturated Zone.

\*\* = Soil Represented by the Sample Was Removed in September 1998

--- = No Standard Established

= Exceeds both Non-Industrial Direct Contact and Groundwater Pathway SSRCL's. = Exceeds Groundwater Pathway SSRCL

VOC's = Volatile Organic Compounds
CVOC's = Chlorinated Volatile Organic Compounds
< = Less Than
BLS = Below Land Surface

SSRCL = Site Specific Residual Contaminant Level

# SOIL ANALYTICAL RESULTS - DETECTED VOC's

AMERICAN RED CROSS - OUTAGAMIE COUNTY CHAPTER 1302 East Wisconsin Avenue - Appleton, Wisconsin

Soil Sample / Depth (feet)	Date	Tetra- chloroe thene (ug/kg)	Tri- chloroethene (ug/kg)	cis-1,2 Dichloroethen e (ug/kg)	trans-1,2 Dichloroethene (ug/kg)	Vinyl Chloride (ug/kg)	Chioro- methane (ug/kg)	n-Butyl Benzene (ug/kg)	tert-Butyl Benzene (ug/kg)	sec-Butyl Benzene (ug/kg)	Ethyl Benzene (ug/kg)	Isopropyl Benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	n-Propyl Benzene (ug/kg)	1,2,4 Trimethyl Benzene (ug/kg)	1,3,5 Trimethyl Benzene (ug/kg)	Total Xylenes (ug/kg)	Naph thalene (ug/kg)	Toluene (ug/kg)	Total CVOC's (ug/kg)	Total VOC's (ug/kg)
GPW-08 / 4'	07/14/98	29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	29	29
GPW-08 / 8'*	07/14/98	1,100	230	280	38	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	1,648	1,648
GPW-08 / 14'*	07/14/98	66	28	180	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	274	274
GPW-09 / 3'	07/14/98	73	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	73	73
GPW-09 / 8'*	07/14/98	460	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	460	460
GPW-09 / 14'*	07/14/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-10 / 2'	08/04/98	<25	<25	100	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	100	100
GPW-10 / 4'	08/04/98	35,000	4,400	400	31	<25	<25	350	<25	<25	<25	<25	28	88	188	83	30	38	<25	39,831	40,636
GPW-10 / 8'*	08/04/98	200	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	200	200
GPW-10 / 13 <sup>1*</sup>	08/04/98	190	480	190	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	860	1,040
GPW-10 / 20'*	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-11 / 1'**	08/04/98	130	52	720	100	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	1,002	2,052
GPW-11 / 2"**	08/04/98	10,000	910	36	<25	<25	<25	340	<25	73	<25	<25	<25	130	140	110	104	<25	<25	10,946	11,843
GPW-11 / 8'*	08/04/98	81	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	81	81
GPW-11 / 13'*	08/04/98	730	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	730	730
GPW-11 / 20'*	08/04/98	170	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	170	170
GPW-12 / 2"**	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-12 / 4'	08/04/98	280	78	32	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	390	390
GPW-12 / 8'*	08/04/98	3,900	1,100	160	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	5,160	5.160
GPW-12 / 13'*	08/04/98	1,700	70	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	1,770	1,770
GPW-12 / 20'*	08/04/98	3,800	140	27	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	3,967	3,967
GPW-13 / 3'	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-13 / 8'*	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-13 / 13'*	08/04/98	190	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	190	190
GPW-13 / 20'*	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-14 / 4'	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-14 / 8'*	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-14 / 15 <sup>1</sup> *	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-16 / 3'	08/04/98	72	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	25	<25	<50	<25	<25	72	97
GPW-16 / 8'*	08/04/98	5,600	240	210	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	6,050	6,050
GPW-16 / 15'*	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-17 / 3'	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-17 / 8'*	08/04/98	1,200	44	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	1,244	1,244
GPW-17 / 15'*	08/04/98	120	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	120	120
Non-Industrial Direct Contac	t SSRCL	1,230	160	156,000	313,000	42.6		- 1				- <del> </del>									W
Groundwater Pathway SSR		4.1	3.7	28	100	0.13		]						-					_		
NR 720 Generic Soil Standa	rds						-	I		- 1	2,900				-		4,100		1,500		

EXPLANATION:

ND = Not Detected

wb - Not betected
ug/kg = Microgram / Kilogram (ppb)

\* = Soil Sample Not Subject To The NR 720 Soil Standards Due to Collection Within the Saturated Zone.

\*\* = Soil Represented by the Sample Was Removed in September 1998

--- = No Standard Established

= Exceeds both Non-Industrial Direct Contact and Groundwater Pathway SSRCL's.
= Exceeds Groundwater Pathway SSRCL

BOLD Italics

VOC's = Volatile Organic Compounds
CVOC's = Chlorinated Volatile Organic Compounds
< = Less Than
BLS = Below Land Surface

SSRCL = Site Specific Residual Contaminant Level

# <u>Table #3</u>

# SOIL ANALYTICAL RESULTS - DETECTED VOC's

AMERICAN RED CROSS - OUTAGAMIE COUNTY CHAPTER 1302 East Wisconsin Avenue - Appleton, Wisconsin

Soil Sample / Depth (feet)	Date	Tetra- chloroe thene (ug/kg)	Tri- chloroethene (ug/kg)	cis-1,2 Dichloroethen e (ug/kg)	trans-1,2 Dichloroethene (ug/kg)	Vinyl Chloride (ug/kg)	Chloro- methane (ug/kg)	n-Butyl Benzene (ug/kg)	tert-Butyl Benzene (ug/kg)	sec-Butyl Benzene (ug/kg)	Ethyl Benzene (ug/kg)	isopropyi Benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	n-Propyl Benzene (ug/kg)	1,2,4 Trimethyl Benzene (ug/kg)	1,3,5 Trimethyl Benzene (ug/kg)	Total Xylenes (ug/kg)	Naph thalene (ug/kg)	Toluene (ug/kg)	Total CVOC's (ug/kg)	Total VOC's (ug/kg)
GPW-18 / 3'	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-18 / 8'*	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-18 / 15'*	08/04/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-19 / 4'	02/08/02	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-19 / 8 <sup>1*</sup>	02/08/02	130	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	130	130
GPW-19 / 14'*	02/08/02	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-20 / 4'	02/08/02	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-20 / 8'*	02/08/02	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
GPW-20 / 14'*	02/08/02	340	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	340	340
SS-01 / 1.5'**	07/06/98	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	27	<25	<25
6" Below Tank/5.5' BLS	07/08/98	27	170	120	<25	<25	<25	<25	<25	<25	33	<25	<25	<25	<25	120	<50	<25	<25	317	470
3' Below Tank/8' BLS *	07/08/98	3,100	1,700	1,600	1,400	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	7,800	7,800
MW-01 / 3'	05/07/01	2,300	1,500	1,700	380	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	5,880	5,880
MW-01 / 8'*	05/07/01	23,000	3,600	2,000	180	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	28,780	28,780
MW-01 / 14'*	05/07/01	79	130	160	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	369	369
MW-02 / 4'	05/09/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50
MW-02 / 9'*	05/09/01	<25	<25	<25	<25	<25	- <25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50
MW-02 / 13'*	05/09/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50
PZ-02 / 20'*	05/09/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50
MW-03 / 4'	05/09/01	140	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	140	140
MW-03 / 8'*	05/09/01	3,000	53	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	3,053	3,053
MW-03 / 14'*	05/09/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50
PZ-03 / 20'*	05/08/01	590	27	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	617	617
PZ-03 / 25'*	05/08/01	1,000	53	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	1,053	1,053
MW-04 / 8'*	05/07/01	290	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	290	290
MW-04 / 14'*	05/07/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50
MW-05 / 3'	05/07/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50
MW-05 / 8**	05/07/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50
MW-05 / 14'*	05/07/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50
MW-06 / 13'*	05/09/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50
MW-07 / 13'*	05/07/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50
MW-08 / 3'	05/07/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50 <50
	05/07/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50 <50
	05/07/01	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<50
Non-Industrial Direct Contact	- 3	1,230	160	156,000	313,000	42.6															
Groundwater Pathway SSRC		4.1	3.7	28	100	0.13									_						
NR 720 Generic Soil Standa							-	-			2,900	-			- <del>-</del>		4,100		1,500		

#### EXPLANATION:

BOLD

ND = Not Detected

wb = Not Detected
ug/kg = Microgram / Kilogram (ppb)

\* = Soil Sample Not Subject To The NR 720 Soil Standards Due to Collection Within the Saturated Zone.

\*\* = Soil Represented by the Sample Was Removed in September 1998

--- = No Standard Established

= Exceeds both Non-Industrial Direct Contact and Groundwater Pathway SSRCL's. = Exceeds Groundwater Pathway SSRCL

Italics

VOC's = Volatile Organic Compounds CVOC's = Chlorinated Volatile Organic Compounds

< = Less Than</p>
BLS = Below Land Surface

SSRCL = Site Specific Residual Contaminant Level

# SOIL ANALYTICAL RESULTS - DETECTED VOC's

AMERICAN RED CROSS - OUTAGAMIE COUNTY CHAPTER 1302 East Wisconsin Avenue - Appleton, Wisconsin

Soil Sample / Depth (feet)		Tetra- chloroe thene (ug/kg)	Tri- chloroethene (ug/kg)	cis-1,2 Dichloroethen e (ug/kg)	trans-1,2 Dichloroethene (ug/kg)	Vinyl Chloride (ug/kg)	Chloro- methane (ug/kg)	n-Butyl Benzene (ug/kg)	tert-Butyl Benzene (ug/kg)	sec-Butyl Benzene (ug/kg)	Ethyl Benzene (ug/kg)	isopropyi Benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	n-Propyl Benzene (ug/kg)	1,2,4 Trimethyl Benzene (ug/kg)	1,3,5 Trimethyl Benzene (ug/kg)	Total Xylenes (ug/kg)	Naph thalene (ug/kg)	Toluene (ug/kg)	Total CVOC's (ug/kg)	Total VOC's (ug/kg)
B-01 / 14'*	02/08/02	49	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	49	49
B-01 / 20'*	02/08/02	170	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	170	170
B-01 / 25'*	02/08/02	45	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	45	45
B-02 / 4'	02/08/02	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
B-02 / 8'*	02/08/02	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
B-02 / 14'*	02/08/02	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
B-02 / 20'*	02/08/02	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
B-02 / 25'*	02/08/02	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50	<25	<25	<25	<25
B-03 / 1'	11/30/09	460	<20	<24	<29	<17	<43	<35	<23	<25	<16	<30	<30	<29	<20	<24	62.2	<117	<23	460	522.2
B-03 / 4'	11/30/09	64	<20	<24	<29	<17	<43	<35	<23	<25	<16	<30	<30	<29	<20	<24	<48	<117	<23	64	64
Non-Industrial Direct Contac	t SSRCL	1,230	160	156,000	313,000	42.6			<u>-</u>		_										
Groundwater Pathway SSR	CL.	4.1	3.7	28	100	0.13	_														
NR 720 Generic Soil Standa	rds										2,900		***			·	4,100	- 123	1,500		

#### EXPLANATION:

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VOC's = Volatile Organic Compounds CVOC's = Chlorinated Volatile Organic Compounds

< = Less Than

BLS = Below Land Surface SSRCL = Site Specific Residual Contaminant Level

# GROUNDWATER ANALYTICAL RESULTS - DETECTED VOC's & LEAD

AMERICAN RED CROSS - OUTAGAMIE COUNTY CHAPTER 1302 East Wisconsin Avenue - Appleton, Wisconsin

Groundwater Sample	Sample Date	Tetrachloro ethene (PCE) (ug/l)	Trichloro ethene (TCE) (ug/l)	1,1 Dichloro ethene (DCE) (ug/l)	cis-1,2 Dichloro ethene (ug/i)	trans-1,2 Dichloroethene (ug/l)	Vinyl Chloride (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	sec-Butyl benzene (ug/l)	n-Butyl benzene (ug/l)	tert-Butyl benzene (ug/l)	Benzene (ug/l)	1, 2 Dichloro benzene (ug/l)	Ethyl benzene (ug/l)	Isopropyl Benzene (ug/l)	MTB E (ug/l)	n-Propyl benzene (ug/l)	Toluene (ug/l)	p-Isopropyl toluene (ug/l)	1,2,4 Trimethyl benzene (ug/l)	1,3,5 Trimethyl benzene (ug/l)	alene (ug/l)	Xylenes (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)	Lead (ug/l)	Total CVOC's (ug/l)
GPZ-01	07/20/98	340	390	<0.39	1,400	51*	0.92	<0.4	<0.29	3.3	2.4	0.55*	<0.32	<0.29	<0.34	1.1*	<0.31	0.72*	<0.35	1.1	1.8	<0.64	<0.88_	<0.66	NA NA	NA	NA	NA	2,181.92
GPW-01	07/20/98	1,700	2,000	2.9	4,500	390	5.6	<0.4	<0.29	7.0	0.25*	2.3	<0.32	<0.29	<0.34	1.5	<0.31	<0.3	<0.35	<0.31	<0.35	<0.64	<0.88	<0.66	NA	NA NA	NA	NA	8,593.50
GPW-02	07/20/98	5,800	3,900	<1.7	5,800	670	<0.75	<2	<1.5	<1.7	<1.2	<1.7	<1.6	<1.5	<1 <u>.</u> 7	<1.7	<1.6	<1.5	<1.6	<1.6	<1.8	<3.2	<4.4	<1.6	NA	NA	NA	NA	16,170
GPW-03	07/20/98	10,300	7,900	9.4	10,000	1,100	9,3	<0.4	<0.29	5.5	2.0	0.52*	0.56*	3.6	3.2	10	<0.31	2.3	1.5	<0.31	<0.35	<0.64	<0.88	1.0*	NA	NA	NA	NA NA	29,322.30
GPW-04	07/20/98	1,600	2,000	1.5	6,300	460	3.0	<0.4	<0.29	<0.34	6.0	2.8	<0.32	<0.29	<0.34	5.9	<0.31	3.0	<0.35	5.9	<0.35	8.6	<0.88	<0.66	NA	NA	NA	NA	10,364.50
GPW-05	07/20/98	440	190	<0.39	520	58	<0.15	<0.4	<0.29	<0.34	<0.23	<0.33	0.42*	<0.29	<0.34	<0.34	<0.31	<0.3	<0.35	<0.31	<0.35	<0.64_	<0.88	<0.66	NA	NA	NA	NA_	1,208
GPW-06	07/20/98	600	810	0.39*	2,100	100*	4.1	<0.4	<0.29	<0.34	<0.23	<0.33	<0.32	<0.29	<0.34	<0.34	<0.31	<0.3	<0.35	<0.31	<0,35	<0.64	<0.88	<0.66	NA	NA	NA NA	NA NA	3,614.49
GPW-07	07/20/98	120	120	<0.39	300	33	<0.15	<0.4	<0.29	<0.34	<0.23	<0.33	<0.32	<0.29	<0.34	<0.34	<0.31	<0.3	<0.35	<0.31	<0.35	<0.64	<0.88	<0.66	NA	NA	NA	NA	573
GPW-08	07/20/98	550	260	<0.39	980	55*	0.81	<0.4	<0.29	<0.34	<0.23	<0.33	<0.32	<0.29	<0.34	<0.34	<0.31	<0.3	<0.35	<0.31	<0.35	<0.64	<0.88	<0.66	NA	NA NA	NA NA	NA	1,845.81
GPW-09	07/20/98	22	17	<0.39	31	1.9	<0.15	<0.4	<0.29	<0.34	<0.23	<0.33	<0.32	<0.29	<0.34	<0.34	<0.31	<0.3	<0.35	<0.31	<0.35	<0.64	<0.88	<0.66	NA	NA_	NA	NA_	71.9
GPW-10	08/11/98	58	210	<3.9	350	19 .	<1.5	<4.0	<2.9	<3.4	7.5*	<3.3	<3.2	<2.9	<3.4	<3.4	<3.1	<3.0	<3.5	<3.1	14	<6.4	<8.8	<6.6	NA	NA	NA NA	NA	618
GPW-11	08/11/98	130	7.2	<0.39	18	1*	<0.15	<0.4	<0,29	<0.34	<0.23	<0.33	<0.32	<0.29	<0.34	<0.34_	<0.31	<0.3	<0.35	<0.31	<0.35	<0.64	<0.88	<0.66	NA NA	NA NA	NA NA	NA NA	156.2
GPW-12	08/11/98	320	35	<7.8	36	<7.6	<3.0	<8.0	<5.8	<6.8	<4.6	<6.6	<6.4	<5.8	<6.8	<6.8	<6.2	<6.1	<7	<6.2	<7	<13	<18	<6.4	NA	NA_	NA NA	NA NA	391
GPW-13_	08/11/98	12	<0.48	<0.39	<0.32	<0.38	<0.15	<0.4	<0.29	<0.34	<0.23	<0.33	<0.32	<0.29	<0.34	<0.34	<0.31	<0.3	<0.35	<0.31	<0.35	<0.64	<0.88	<0.66	NA	NA NA	NA	NA NA	12
GPW-14	08/11/98	0.37*	<0.48	<0.39	<0.32	<0.38	<0.15	<0.4	<0.29	<0.34	<0.23	<0.33	<0.32	<0.29	<0.34	<0.34	<0.31	<0.3	0.77*	<0.31	<0.35	<0.64	<0.88	<0.66	NA NA	NA_	NA NA	NA NA	0.37*
GPW-16	08/11/98	120	35	<0.39	90	5.8	<0.15	<0.4	<0.29	<0.34	<0.23	<0.33	<0.32	<0.29	<0.34	<0.34	<0.31	<0.3	<0.35	<0.31	<0.35	<0.64	<0.88	<0.66	NA	NA NA	NA.	NA NA	250.8
GPW-17	08/11/98	40	5.2	<0.39	7.0	<0.38	<0.15	<0.4	<0.29	<0.34	<0.23	<0.33	<0.32	<0.29	<0.34	<0.34	<0.31	<0.3	<0.35	<0.31	<0.35	<0.64	<0.88	<0.66	NA NA	NA	NA NA	NA NA	52.2
GPW-18	08/11/98	<0.35	<0.48	<0.39	<0.32	<0.38	<0.15	<0.4	<0.29	<0.34	<0.23	<0.33	<0.85	<0.29	<0.34	<0.34	<0.31	<0.3	1.5	<0.31	0,41*	<0.64	<0.88_	0.62*	NA NA	NA NA	NA	NA NA	3.0
GPW-19	03/07/02	3.0	<0.73	<0.57	<0.53	<0.59	<0.12	<0.56	<0.60	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46	<0.49	<0.34	5.1	<0.39	<0.42	<0.72	<1.4	<0.45_	NA	NA NA	NA NA	NA NA	7.2
GPW-20	03/07/02	7.2	<0.73	<0.57	<0.53	<0.59	<0.12	<0.56	<0.60	<0.46	<0.34	<0.42	<0,43	<0.31	<0.49	<0.46	<0.49	<0.34	4.0	<0.39	<0.42	<0.72	<1.4	<0.45	T NA	NA	NA NA	NA 35	110
Tank Water	07/02/98	80	19	<3.9	11	<3.8	<1.5	<4.0	3.1*	41	160	<3.3	<3.2	<2.9	28	41	<3.1	81	8.7*	45	1,300	380	55	450	NA 42	NA_	NA 10.5		12,450
MW-01	06/28/01	3,400	3,000	<72	5,500	550	<46	<64	<70	<44	<58	<32	<50	<50	<24	<30	<110	<36	<44	<40	<48	<52	<140	<100	13	<0.5	<0.5	NA NA	
	06/18/02	2,700	2,500	<110	6,400	630	<24	<110	<120	<92	<68	<84	<86	<62	<100	<92	<100	<68	<130	<78	<84	<140	<280	<280	NA	NA	NA	NA NA	12,230
	09/19/02	3,300	2,300	<56	7,300	670	<11	<45	<47	<62	<65	<96	<25	<71	<53	<66	<87	<95	<84	<58	<69	<64	<63	<1.83	NA NA	NA NA	NA NA	NA NA	13,570
	01/09/03	2,400	1,800	<28	5,900	520	<5.5	<22	<23	<31	<32	<32	<12	<36	<26	<33	<44	<48	<42	<29	<34	<32	<32	<36	NA 	NA NA	NA NA	NA	10,620
	03/26/03	2,850	1,830	<22	4,690	464	<5.5	<34.5	<12.0	<21.5	<11.0	<15.5	<8.5	<12.5	<8.0	<5.5	<11.0	<9.5	<7.5	<9.0	<7.0	<6.0	<13.0	<13.0	NA NA	NA NA	NA NA	NA NA	9,834
	09/24/03	1,660	1,690	<22	5,470	523	<5.5	<34.5	<120	<24.5	<11	<15.5	<8.5	<12.5	<8	<5.5	<11	<9.5	<7.5	<9	<7	<6	<13	<13	NA NA	NA NA	NA NA	NA NA	9,343
	10/10/06	2,240	1,550	<15	5,700	510	<8.5	<30.5	<34.5	<38	<55	<30	<23.5	<34.5	<19	<49.5	<26	<30.5	<29.5	<40.5	<19.5	<60	<110	<71	NA NA	NA NA	NA NA	NA NA	10,000 8,130
	4/24/07	1,950	1,780	<64	4,000	400	<20	<48	<69	<36	<36	<34	<47	<35	<38	<48	<52	<38	<46	<35	<120	<37	<180	<99	NA	NA NA	NA NA	NA NA	8,510
	11/12/07	2,210	1,820	<64	4,100	380	<20	<48	<69	<36	<52	<34	<47	<35	<38	<48	<52	<38	<46	<35	<120	<37	<180	<99	NA NA	NA NA	NA NA	NA NA	8,720
	05/19/08	2,490	1,640	<50	4,100	490	<20	<47	<49	<73	<u>&lt;55</u>	<32	<24	<88	<35	_<60	<70	<54	<39	<u> </u>	<51	<23	<180	<167	NA_	NA NA	NA	NA_	
PZ-01	06/27/01	<0.25	<0.36	<0.36	<1.0	<0.23	<0.23	3.2	1.2*	<0.22	<0.29	<0.16	<0.25	<0.25	<0.12	<0.15	<0.53	<0.18		<0.12	<0.24	<0.26			800	<0.5	<0.5	NA NA	5.24
	06/18/02	<0.49	<0.73	<0.57	0.62*	<0.59	<0.12	<0.56	<0.6	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46	<0.49	<0.34	<0.63	<0.39	<0.42	<0.72		<1.45	NA 	NA	NA NA	NA NA	0.62
	09/19/02	<0.63	0.44*	<0.56	1.0*	<0.80	<0.11	<0.45	0.81*	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87			<0.58	<0.69	<0.64			NA 	NA	NA NA	NA NA	2.25
	03/26/03	<0.45	<0.1	<0.44	2.0	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22			<0.18	<0.14.				NA NA	NA NA	NA NA	NA NA	2.27
	09/24/03	<0.45	0.58	<0.44	1. <u>8</u>	<0.35	<0.11	<0.69_	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11_		<0.19		<0.18	<0.14					NA_	NA	NA 15	_
Enforcement	Standard	5.0	5.0	7.0	70	100	0.2	6.0	5.0				5.0	600	700		60	-	343			180***	40	620	_			15	
Preventive Ad	tion Limit	0.5	0.5	0.7	7.0	20	0.02	0.60	0.50				0.5	60	140		12		68.6			96***	8	124				1.5	

#### EXPLANATION:

ANATION:

NA = Not Analyzed

ug/l = Microgram / Liter (ppb)

VOC's = Volatile Organic Compounds

CVOC's = Chlorinated Volatile Organic Compounds

--- = No Standard Established

ES = Enforcement Standard, Chapter NR 140.10
PAL = Prevenative Action Limit, Chapter NR 140.10

\*\*\* = Combined Trimethylbenzene (1, 2, 4 & 1, 3, 5) Standard DRO = Diesel Range Organics GRO = Gasoline Range Organics

< = Less Than

= Exceeds Enforcement Standards, Chapter NR140.10
= Exceeds Preventative Action Limit, Chapter NR 140.10
\* = Analyte detected between Limit of Detection (LOD) and Limit of Quantification (LOQ)

ND = Not Detected - Laboratory Reports Not Provided To McMahon

\*\* = Temporary Well Groundwater Samples Collected by Omnni Associates, Inc.

\*\*\*\* = Temporary Well Groundwater Sample Collected By MES, Inc.

## GROUNDWATER ANALYTICAL RESULTS - DETECTED VOC's & LEAD

AMERICAN RED CROSS - OUTAGAMIE COUNTY CHAPTER 1302 East Wisconsin Avenue - Appleton, Wisconsin

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Groundwater Sample	Sample Date	Tetrachloro ethene (PCE) (ug/l)	Trichloro ethene (TCE) (ug/l)	Dichloro ethene (DCE) (ug/l)	cis-1,2 Dichloro ethene (ug/l)	trans-1,2 Dichloroethene (ug/l)	Vinyl Chloride (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	sec-Butyl benzene (ug/l)	n-Butyl benzene (ug/l)	tert-Butyl benzene (ug/l)	Benzene (ug/l)	1, 2 Dichloro benzene (ug/l)	Ethyl benzene (ug/l)	Isopropyl Benzene (ug/l)	MTB E (ug/l)	n-Propyl benzene (ug/l)	Toluene (ug/l)	p-Isopropyl toluene (ug/l)	1,2,4 Trimethyl benzene (ug/l)	1,3,5 Trimethyl benzene (ug/l)	1 - 1	Xylenes (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)	Lead (ug/l)	Total CVOC's (ug/l)
MW-02	06/28/01	3.5	0.45*	<0.36	<1.0	<0.23	<0.23	<0.32	<0.35	<0.22	<0.29	<0.16	<0.25	<0.25	<0.12	<0.15	<0.53	<0.18	<0.22	<0.2	<0.24	<0.26	<0.68	<0.52	<0.5	<0.5	<0.5	NA	3.95
	06/18/02	2.4	<0.73	<0.57	<0.53	<0.59	<0.12	<0.56	<0.6	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46	<0.49	<0.34	<0.63	<0.39	<0.42	<0.72	<1.4	<1.45	NA	NA	NA	NA	2.40
	09/19/02	1.4*	<0.39	<0.56	<0.81	<0.80	<0.11	<0.45	0.57*	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.83	NA	NA	NA	NA	1.97
	01/09/03	0.82*	<0.39	<0.56	<0.81	<0.80	<0.11	<0.45	0.66*	<0.62	<0.96	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.1	NA	NA	NA	NA	1.48
	03/26/03	1.2*	<0.1	<0.44	<0.25	<0.35	<0.11	<0.64	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA	NA	NA _	NA	1.20
PZ-02	06/28/01	<0.25	<0.36	<0.36	<1.0	<0.23	<0.23	0.58*	0.68*	<0.22	<0.29	<0.16	<0.25	<0.25	<0.12	<0.15	<0.53	<0.18	0.25*	<0.2	<0.24	<0.26	<0.68	<0.52	680	12	<0.5	NA	1.26
	06/18/02	<0.49	<0.73	<0.57	<0.53	<0.59	<0.12	<0.56	<0.6	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46	<0.49	<0.34	<0.63	<0.39	<0.42	<0.72	<1.4	<1.45	NA	NA	NA	NA	0.0
	09/19/02	<0.63	<0.39	<0.56	<0.81	<0.80	<0.11	<0.45	1.1*	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.83	NA	NA	NA	NA	1.1
	01/09/03	<0.63	<0.39	<0.56	<0.81	<0.80	<0.11	<0.45	1.4*	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.1	NA	NA	NA	NA	1.4
	03/26/03	<0.45	<0.10	<0.44	<0.25	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA NA	NA	NA	NA	0.0
MW-03	06/27/01	130	16	<0.36	3.6	0.34*	<0.23	<0.32	<0.35	<0.22	<0.29	<0.16	<0.25	<0.25	<0.12	<0.15	<0.53	<0.18	<0.22	<0.2	<0.24	<0.26	<0.68	<0.52	<0.5	8.8	<0.5	NA	149.94
	06/18/02	220	<7.3	<b>&lt;</b> 5.7	<5.3	<5.9	<1.2	<5.6	<6.0	<4.6	<3.4	<4.2	<4.3	<3.1	<4.9	<4.6	<4.9	<3.4	<6.3	<3.9	<4.2	<7.2	<14	<14.5	NA	NA	NA	NA	220
	09/19/02	280	19	<1.4	9.8	<2.0	<0.28	<1.1	<1.2	<1.6	<1.6	<2.4	<0.62	<1.8	<1.3	<1.7	<2.2	<2.4	<2.1	<1.4	<1.7	<1.6	<1.6	<4.6	NA	NA 	NA	NA 	308.8
	01/09/03	230	18	<1.1	9.8	<1.6	<0.22	<0.90	<0.94	<1.2	<1.3	<1.3	<0.50	<1.4	<1.1	<1.3	<1.7	<1.9	<1.7	<1.2	<1.4	<1.3	<1.3	<1.5	NA	NA NA	NA 	NA	257.8
	03/26/03	194	12	<2.2	7.9	<1.75	<0.55	<3.45	<12	<2.15	<1.1	<1.55	<0.85	<1.25	<0.80	<0.55	<1.1	<0.95	<0.75	<0.90	<0.70	<0.60	<1.3	<1.3	NA	NA	NA	NA	213.9
[	09/24/03	189	13	<2.2	4.3	<1.75	<0.55	<3.45	<12	<2.15	<1.1	<1.55	<0.85	<1.25	<0.8	<0.55	<1.1	<0.95	<0.75	<0.90	<0.70	<0.60	<1.3	<1.3	NA	NA	NA	NA	206.3
	10/10/06	200	19.2	<0.3	10.6	<0.95	<0.17	<0.61	<0.69	<0.76	<1.1	<0.6	<0.47	<0.69	<0.38	<0.99	<0.52	<0.61	<0.59	<0.81	<0.39	<1.2	<2.2	<1.42	NA 	NA NA	NA	NA	229.8
	4/24/07	149	8.6	<0.64	2.12*	<0.95	<0.2	<0.48	<0.69	<0.36	<0.52	<0.34	<0.47	<0.35	<0.38	<0.48	<0.52	<0.38	<0.46	<0.35	<1.2	<0.37	<1.8	<0.99	NA 	NA NA	NA	NA NA	159.72
	11/12/07	134	16.1	<0.64	10.9	<0.95	<0.2	<0.48	<0.69	<0.36	<0.52	<0.34	<0.47	<0.35	<0.38	<0.48	<0.52	<0.38	<0.46	<0.35	<1.2	<0.37	<1.8	<0.99	NA	NA NA	NA NA	NA NA	161.00
	05/19/08	116	4.6*	<2.5	<2.2	<3.05	<1	<2.35	<4.95	<3.65 T	<2.75	<1.6	<1.2	<4.4	<1.75	<3	<3.5	<2.7	2,85	<3.85	<2.55	<1.15	<9	<8.35	NA	NA NA	- NA	NA NA	120.6
PZ-03	06/27/01	<0.25	<0.36	<0.36	<1.0	<0.23	<0.23	2.1	1.4	<0.22	<0.29	<0.16	<0.25	<0.25	<0.12	<0.15	<0.53	<0.18	2.2	<0.2	<0.24	<0.26	<0.68	<0.52	NA NA	NA NA	NA NA	NA NA	3.5
	06/18/02	<0.49	<0.73	<0.57	<0.53	<0.59	<0.12	<0.56	<0.6	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46	<0.49	<0.34	<0.63	<0.39	<0.42	<0.72	<1.4	<1.45	NA NA	NA NA	NA NA	NA NA	0.0
	01/09/03	<0.63	<0.39	<0.56	<0.81	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63		NA NA	NA NA	NA NA	NA NA	0.0
	03/26/03	<0.45	<0.10	<0.44	<0,25	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26		NA NA	NA NA	NA NA	NA NA	0.0
	09/24/03	<0.45	<0.10	<0.44	<0.25	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12			NA -0.5	NA 6.8	NA <0.5	NA NA	2.7
MW-04	06/26/01	2.7	<0.36	<0.36	<1.0	<0.23	<0.23	<0.32	<0.35	<0.22	<0.29	<0.16	<0.25	<0.25	<0.12	<0.15	<0.53	<0.18	<0.22	<0.2 <0.39	<0.24 <0.42	<0.26 <0.72	<0,68 <1.4	<0.52 <1.45	<0.5 NA	NA	NA	NA NA	3.0
	06/18/02	3.0	<0.73	<0.57	<0.53	<0.59	<0.12	<0.56	<0.6	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46 <0.66	<0.49 <0.87	<0.34 <0.95	<0.63 <0.84	<0.58	<0.42	<0.64	<0.63		NA.	NA.	NA.	NA	5.1
	09/19/02	5.1	<0.39	<0.56	<0.81	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53			<0.95	<0.84	<0.58	<0.69	<0.64	<0.63		NA	NA.	NA	NA	4.3
	01/09/03	4.3	<0.39	<0.56	<0.81	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	< 0.53	<0.66 <0.11	<0.87 <0.22	<0.95	<0.15	<0.18	<0.14	<0.12	<0.26		NA.	NA.	NA	NA	3.8
	03/26/03	3.8	<0.1	<0.44	<0.25	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16 <0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12			NA.	NA.	NA.	NA	2.1
	09/24/03		<0.1	<0.44	<0.25	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25_	<0.10	<0.15	<0.53	<0.18	0.54*	<0.2	<0.24	<0.26			<0.68	<0.5	<0.5	NA	1.1*
MW-05	06/27/01		< 0.36	<0.26	<1.0	<0.23	<0.23	<0.32	1.1*	<0.22 <0.46	<0.29	<0.16	<0.25 <0.43	<0.25 <0.31	<0.12	<0.46	<0.49	<0.10	<0.63	<0.39	<0.42	<0.72			NA.	NA	NA	NA	2.2
	06/18/02		<0.73	<0.57	2.2	<0.59	<0.12	<0.56	<0.6	<0.46	<0.34	<0.42 <0.96	<0.43	<0.31	<0.49	<0.46	<0.43	<0.95	<0.84	<0.58	< 0.69	<0.64			NA.	NA NA	NA	NA	5,97
	09/19/02		1.2	<0.56	4.0	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64			NA.	NA.	NA	NA	3.01
	01/09/03		0.91*	<0.56	2.1*	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.16	<0.00	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12			NA	NA	NA	NA	3.97
	03/26/03		0.74	<0.44	2.6	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22		<0.15	<0.18	<0.14				NA	NA.	NA.	NA	2.57
Fatances	09/24/03		0,67	<0.44	1.9	<0.35	<0.11	<0.69	<2.4 5.0	<0,43	<0.22		5.0	600	700		60		343			80***	40	620		<u></u>		15	
Enforcement		5.0	5.0	7.0	70	100	0.2	6.0			_		0.5	60	140		12	_	68.6			96***	8	124		_		1.5	
Preventive Ac	tion Limit	0.5	0.5	0.7	7.0	20	0.02	0.60	0.50						140		14		55.0		<del></del>			7					

#### EXPLANATION:

NA = Not Analyzed
ug/l = Microgram / Liter (ppb)

VOC's = Votatile Organic Compounds
CVOC's = Chlorinated Votatile Organic Compounds
--- = No Standard Established

ES = Enforcement Standard, Chapter NR 140.10
PAL = Prevenative Action Limit, Chapter NR 140.10

<sup>\*\*\* =</sup> Combined Trimethylbenzene (1, 2, 4 & 1, 3, 5) Standard DRO = Diesel Range Organics
GRO = Gasoline Range Organics

<sup>&</sup>lt; = Less Than

Exceeds Enforcement Standards, Chapter NR140.10

Exceeds Preventative Action Limit, Chapter NT 140.10
 Analyte detected between Limit of Detection (LOD) and Limit of Quantification (LOQ)

ND = Not Detected - Laboratory Reports Not Provided To McMahon

\*\* = Temporary Well Groundwater Samples Collected by Omnni Associates, Inc.

\*\*\*\* = Temporary Well Groundwater Sample Collected By MES, Inc.

## <u>Table #4</u>

# GROUNDWATER ANALYTICAL RESULTS - DETECTED VOC's & LEAD

AMERICAN RED CROSS - OUTAGAMIE COUNTY CHAPTER 1302 East Wisconsin Avenue - Appleton, Wisconsin

Groundwater Sample	Sample Date	Tetrachloro ethene (PCE) (ug/l)	Trichloro ethene (TCE) (ug/l)	1,1 Dichloro ethene (DCE) (ug/l)	cis-1,2 Dichloro ethene (ug/l)	trans-1,2 Dichloroethene (ug/l)	Vinyl Chloride (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/l)	sec-Butyl benzene (ug/l)	n-Butyl benzene (ug/l)	tert-Butyl benzene (ug/l)	Benzene (ug/l)	1, 2 Dichloro benzene (ug/l)	Ethyl benzene (ug/l)	Isopropyl Benzene (ug/l)	MTB E (ug/l)	n-Propyl benzene (ug/l)	Toluene (ug/l)	p-Isopropyl toluene (ug/l)	1,2,4 Trimethyl benzene (ug/i)	1,3,5 Trimethyl benzene (ug/l)	Naphth alene (ug/l)	Xylenes (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)	Lead (ug/l)	Total CVOC's (ug/l)
MW-06	06/27/01	250	36	<3.6	13*	<2.3	<2.3	<3.2	<3.5	<2.2	<2.9	<1.6	<2.5	<2.5	<1.2	<1.5	<5.3	<1.8	2.7*	<2.0	<2.4	<2.6	<6.8	<5.2	<0.5	<0.5	<0.5	NA	299
	06/18/02	2 170	18	<2.9	17	<3	<0.6	<2.8	<3	<2.3	<1.7	<2.1	<2.2	<1.6	<2.5	<2.3	<2.5	<1.7	<3.2	<2.0	<2.1	<3.6	<7	<7.1	NA	NA	NA	NA	205
	09/19/02	2 210	43	1.2*	90	5.3	23	<0.90	<0.94	<1.2	<1.3	<1.9	<0.50	<1.4	<1.1	<1.3	<1.7	<1.9	<1.7	<1.2	<1.4	<1.3	<1.3	<3.7	NA	NA	NA	NA	366
	01/09/03	3 170	34	0.85*	76	3.3	13	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.1	NA	NA	NA	NA	293.85
	03/26/03	3 199	20	<2.2	22	<1.75	<0.55	<3.45	<12.0	<2.15	<1.1	<1.55	<0.85	<1.25	<0.80	<0.55	<1.1	<0.95	<0.75	<0.90	<0.70	<0.60	<1.3	<1.3	NA	NA NA	NA	NA	241
	09/24/03	3 191	26	<0.44	26	1.3	2,1	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA	NA Na	NA NA	NA 1.0t	246.4
	10/10/06	6 187	34	<0.52*	165	6.4	9.8	<0.61	<0.69	<0.76	<1.1	<0.6	<0.47	<0.69	<0.38	<0.99	<0.52	<0.61	<0.59	<0.81	<0.39	<1.2	<2.2	<1.42	NA NA	Na NA	NA NA	1.2* NA	402.72 146.44
	4/24/07	107	9.9	<0.64	28	<0,95	1.54	<0.48	<0.69	<0.36	<0.52	<0.34	<0.47	<0.35	<0.38	<0.48	<0.52	<0.38	<0.46	<0.35 <0.35	<1.2 <1.2	<0.37 <0.37	<1.8 <1.8	<0.99 <0.99	NA.	NA	NA NA	NA.	205.14
	11/12/0		19.3	<0.64	85	2.77*	3.07	<0.48	<0.69	<0.36	<0.52	<0.34	<0.47	<0.35	<0.38 <0.35	<0.48 <0.60	<0.52 <0.70	<0.38 <0.54	<0.46 <0.39	<0.77	<0.51	<0.23	<1.8	<1.67	NA.	NA.	NA	NA	224.47
	05/19/0		17.9	<0.5	42	1.07*	3.5	<0.47	<0.99 <0.35	<0.73	<0.55	<0.32 <0.16	<0.24 <0.25	<0.88 <0.25	<0.12	<0.15	<0.53	<0.18	0.47*	<0.2	<0.24	<0.26	<0.68	<0.52	<0.5	<0.5	<0.5	NA	1.2
MW-07	06/28/0		<0.36 <0.73	<0.36 <0.57	<1.0 <0.53	<0.23 <0.59	<0.23 <0.12	<0.32 <0.56	<0.6	<0.46	<0.34	<0.42	19	<0.31	0.82*	<0.46	14	<0.34	23	<0.39	<0.42	<0.72	<1.4	5.3	NA	NA	NA	NA	0.87
	06/18/0		NA	NA	NA	NA	NA NA	NA	NA	NA	NA	NA	<0.43	NA	<0.49	NA	14	NA	<0.63	NA	<0.42	<0.72	NA	<1.5	NA	NA	NA	NA	NA
	09/19/0		1.5	<0.56	<0.81	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.83	NA	NA	NA	NA.	5.0
	01/09/0		2.0	<0.56	<0.81	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.1	NA	NA	NA	NA	6.1
	03/26/0		<0.10	<0.44	<0.25	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA	NA	NA	NA	2.0
	09/24/0	3 1.7	0,82	<0.44	<0.25_	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0,26	<0.26	NA	NA	NA	NA	2.52
MW-08	06/27/0	1 <0.25	<0.36	<0.36	<1.0	<0.23	<0.23	<0.32	<0.35	<0.22	<0.29	<0.16	<0.25	<0.25	<0.12	<0.15	<0.53	<0.18	0.44*	<0.2	<0.24	0.26	<0.68	<0.52	<0.5	<0.5	<0.5	NA	0.0
	06/18/0	2 <0.49	<0.73	<0.57	<0.53	<0.59	<0.12	<0.56	<0.6	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46	<0.49	<0.34	<0.63	<0.39	<0.42	<0.72	<1.4	<1.45	NA	NA	NA	NA	0,0
	09/19/0	2 <0.63	1.3	<0.56	0.90*	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.83	NA	NA	NA	NA	1.3
ŀ	01/09/0	3 <0.63	0.74*	<0.56	<0.81	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.52	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	< 0.63	<1.1	NA	NA 	NA 	NA 	0.74
	03/26/0	3 <0.45	<0.10	<0.44	<0.25	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.43	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA NA	NA NA	NA NA	NA NA	0.0
	09/24/0	3 2.2	2.8	<0.44	2.6	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA NA	NA NA	NA NA	NA NA	5.0 0.0
	10/10/0	6 <0.52	<0.44	<0.30	<0.68	<0.95	<0.17	<0.61	<0.69	<0.76	<1.1	<0.6	<0.47	<0.69	<0.38	<0.99	<0.52	<0.61	<0.59 <0.46	<0.81 <0.35	<0.39 <1.2	<1.2 <0.37	<2.2 <1.8	<1.42 <0.99	NA NA	NA NA	NA.	NA NA	0.0
	4/24/0		<0.44	<0.64	<0.68	<0.95	<0.2	<0.48	<0.69	<0.36	<0.52	<0.34	<0.47	<0.35	<0.38 <0.38	<0.48 <0.48	<0.52 <0.52	<0.38 <0.38	<0.46	<0.35	<1.2	<0.37	<1.8	<0.99	NA.	NA.	NA.	NA.	0.0
	11/12/0		<0.44	<0.64	<0.68	<0.95	<0.20	<0.48	<0.69 <0.99	<0.36 <0.73	<0.52 <0.55	<0.34 <0.32	<0.47 <0.24	<0.35 <0.88	<0.35	<0.40	<0.70	<0.54	<0.39	<0.77	<0.51	<0.23	<1.8	<1.67	NA	NA	NA	NA	0.0
MM 00	05/19/0		<0.47	<0.50	<0.44_ <0.53	<0.61 <0.59	<0.20 <0.12	<0.47 <0.56	<0.99	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46	<0.49	<0.34	1.6*	<0.39	<0.42	<0.72	<1.4	<1.45	NA	NA	NA	NA	0.0
MW-09	05/15/0		<0.73 <0.73	<0.57 <0.57	<0.53	<0.59	<0.12	<0.56	<0.6	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46	<0.49	<0.34	<0.63	<0.39	<0.42	<0.72	<1.4	<1.45	NA	NA	NA	NA	1.7
	09/19/0		<0.39	<0.56	<0.81	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.83	NA	NΑ	NA	NA	1.5
	01/09/0		<0.39	<0.56	<0.81	<0.80	<0.11	<0.45	1.0*	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.67	<1.1	NA	NA	NA	NA	3.0
	03/26/0		<0.10	<0.44	<0.25	<0.35	<0.11	<0.69	<2.4		<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA	NA	NA	NA	2.5
	09/24/0		<0.10	<0.44	<0.25	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA	NA	NA	NA	2.6
	10/10/0	06 4.8	<0.44	<0.3	<0.68	<0.95	<0.17	<0.61	<0.69	<0.76	<1.1	<0.6	<0.47	<0.69	<0.38	<0.99	<0.52	<0.61	<0.59	<0.81	<0.39	<1.2	<2.2	<1.42	NA	NA	NA	NA	4.8
	4/24/0	7 4.4	<0.44	<0.64	<0.68	<0.95	<0.2	<0.48	<0.69	<0.36	<0.52	<0.34	<0.47	<0.35	<0.38	<0.48	<0.52	<0.38	<0.46	<0.35	<1.2	<0.37	<1.8	<0.99	NA	NA	NA	NA	4.4
	11/12/0	07 3.2	<0.44	<0.64	<0.68	<0.95	<0.2	<0.48	<0.69	<0.36	<0.52	<0.34	<0.47	<0.35	<0.38	<0.48	<0.52	<0.38	<0.46	<0.35	<1.2	<0.37	<1.8		NA	NA	NA	NA	3.2
	05/19/0	08 3.5	<0.47	<0.50	<0.44	<0.61	<0.2	<0.47	<0.99	<0.73	<0.55	<0.73	<0.24	<0.88	<0,35	<0.60_	<0.70	<0.54	<0.39	<0.77	<0.5	<0.23			NA	NA_	NA	NA 15	3.5
Enforcement	Standard	5.0	5.0	7.0	70	100	0.2	6.0	5.0				5.0	600	700		60	_	343	_		80***	40	620	_	_	_	15	
Preventive Ac	tion Limit	0.5	0.5	0.7	7.0	20	0.02	0.60	0.50				0.5	60	140		12	<del></del>	68.6		9	96***	8	124				1.5	<u> </u>

# EXPLANATION:

ANATION:

NA = Not Analyzed

ug/l = Microgram / Liter (ppb)

VOC's = Volatile Organic Compounds

CVOC's = Chlorinated Volatile Organic Compounds

- = No Standard Established

ES = Enforcement Standard, Chapter NR 140.10
PAL = Prevenative Action Limit, Chapter NR 140.10

\*\*\* = Combined Trimethylbenzene (1, 2, 4 & 1, 3, 5) Standard

DRO = Diesel Range Organics
GRO = Gasoline Range Organics

= Exceeds Enforcement Standards, Chapter NR140.10
= Exceeds Preventative Action Limit, Chapter NR 140.10
\* = Analyte detected between Limit of Detection (LOD) and Limit of Quantification (LOQ)

ND = Not Detected - Laboratory Reports Not Provided To McMahon

\*\* = Temporary Well Groundwater Samples Collected by Omnni Associates, Inc.

\*\*\*\* = Temporary Well Groundwater Sample Collected By MES, Inc.

#### <u>Table #4</u>

#### GROUNDWATER ANALYTICAL RESULTS - DETECTED VOC's & LEAD

AMERICAN RED CROSS - OUTAGAMIE COUNTY CHAPTER 1302 East Wisconsin Avenue - Appleton, Wisconsin

Groundwater Sample	Sample Date	Tetrachloro ethene (PCE) (ug/l)	Trichloro ethene (TCE) (ug/l)	1,1 Dichloro ethene (DCE) (ug/l)	cis-1,2 Dichloro ethene (ug/l)	trans-1,2 Dichloroethene (ug/l)	Vinyl Chloride (ug/l)	Chloroform (ug/l)	Methylene Chloride (ug/i)	sec-Butyl benzene (ug/l)	n-Butyl benzene (ug/l)	tert-Butyl benzene (ug/l)	Benzene (ug/i)	1, 2 Dichloro benzene (ug/l)	Ethyl benzene (ug/l)	Isopropyl Benzene (ug/l)	MTB E (ug/l)	n-Propyl benzene (ug/l)	Toluene (ug/l)	p-Isopropyl toluene (ug/l)	1,2,4 Trimethyl benzene (ug/l)	1,3,5 Trimethyl benzene (ug/l)	Naphth alene (ug/l)	Xylenes (ug/l)	Methane (ug/l)	Ethane (ug/l)	Ethene (ug/l)	Lead (ug/l)	Total CVOC's (ug/l)
MW-10	05/15/02	3.1	<0.73	<0.57	<0.53	<0.59	<0.12	<0.56	<0.6	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46	<0.49	<0.34	<0.63	<0.39	<0.42	<0.72	<1.4	<1.45	NA	NA	NA	NA	3.1
	06/18/02	4.5	<0.73	<0.57	<0.53	<0.59	<0.12	<0.56	<0.6	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46	<0.49	<0.34	<0.63	<0.39	<0.42	<0.72	<1.4	<1.45	NA	NA	NA	NA	4.5
	09/19/02	6.0	0.64*	<0.56	<0.81	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.83	NA	NA	NA	NA	6.64
	01/09/03	13	0.70*	<0.56	<0.81	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.1	NA	NA	NA	NA	13.7
	03/26/03	5.7	<0.10	<0.44	<0.25	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA	NA	NA	NA	5.7
	09/24/03	7.2	0.53	<0.44	<0.25	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA	NA	NA	NA	7.73
	10/10/06	7.0	0.61*	<0.3	<0.68	<0.95	<0.17	<0.61	<0.69	<0.76	<1.1	<0.6	<0.47	<0.69	<0.38	<0.99	<0.52	<0.61	<0.59	<0.81	<0.37	4.2	<2.2	<1.42	NA	NA	NA	NA	7.61
	4/24/07	5,1	<0.44	<0.64	<0.68	<0.95	<0.2	<0.48	<0.69	<0.36	<0.52	<0.34	<0.47	<0.35	<0.38	<0.48	<0.52	<0.38	<0.46	<0.35	<1.2	<0.37	<1.8	<0.99	NA	NA	NA	NA	5.1
	11/12/07	3,2	1.83	<0.64	<0.68	<0.95	<0.2	<0.48	<0.69	<0.36	<0.52	<0.34	<0.47	<0.35	<0.38	<0.48	<0.52	<0.38	<0.46	<0.35	<1.2	<0.37	<1.8	<0.99	NA	NA	NA	NA	5.03
	05/19/08	5.0	1.43*	<0.50	<0.44	<0.61	<0.2	<0.47	<0.99	<0.73	<0.55	<0.32	<0.24	<0.88	<0.35	<0.60	<0.70	<0.54	<0.39	<0.77	<0.51	<0.23	<1.8	<1.67	NA	NA	NA	NA_	6.43
MW-11	05/15/02	<0.49	<0.73	<0.57	<0.53	<0.59	<0.12	<0.56	<0.6	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46	<0.49	<0.34	1.5*	<0.39	<0.42	<0.72	<1.4	<1.45	NA	NA	NA	NA	0.0
	06/18/02	<0.49	<0.73	<0.57	<0.53	<0.59	<0.12	<0.56	<0.6	<0.46	<0.34	<0.42	<0.43	<0.31	<0.49	<0.46	<0.49	<0.34	1.3*	<0.39	<0.42	<0.72	<1.4	<1.45	NA	NA	NA	NA	0.0
`	09/19/02	<0.63	<0.39	<0.56	<0.81	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.83	NA	NA	NA	NA	0.0
	01/09/03	<0.63	<0.39	<0.56	<0.81	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.1	NA	NA	NA	NA	0.0
	03/26/03	<0.45	<0.10	<0.44	<0.25	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA	NA	NA	NA	0.0
	09/24/03	<0.45	<0.10	<0.44	<0.25	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0,18	<0.14	<0.12	<0.26	<0.26	NA	NA	NA	NA	0.0
Basement Sump 1	06/28/01	77	29	<1.8	76	4.1	<1.2	<1.6	2.4*	<1.1	<1.5	<0.8	<1.3	<1.3	<0.6	<0.75	<2.7	<0.9	<1.1	<1.0	<1.2	<1.3	<3.4	<2.6	NA	NA	NA	NA	188.5
	01/09/03	170	7.0	<0.56	10	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	< 0.69	<0.64	<0.63	<1.1	NA	NA	NA	NA	187
	03/26/03	77	8.4	<4.4	19	<3.5	<1.1	<6.9	<24	<4.3	<2.2	<3.1	<1.7	<2.5	<1.6	<1.1	<2.2	<1.9	<1.5	<1.8	<1.4	<1.2	<2.6	<2.6	NA	NA	NA	NA	104.4
	09/24/03	149	14	<0.44	22	0.65*	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA	NA	NA	NA	185.65
	03/15/06	85	8.7	<0.2	15.2	1.77	<0.16	<0.78	<0.55	<0.25	<0.61	<0.34	<0.26	<0.86	<0.30	<0.5	<0.36	<0.56	<0.52	<0.5	<0.32	<0.83	<0.85	<1.07	NA	NA	NA	NA	110.6
	10/10/06	155	6.1	<0.3	10.2	<0.95	<0.17	<0.61	<0.69	<0.76	<1.1	<0,6	<0.47	<0.69	<0.38	<0.99	<0.52	<0.61	<0.59	<0.81	<0.39	<1.2	<2.2	<1.42	NA	NA	NA	NA	216
Basement Sump 2	10/08/01	27	0.54*	<0.27	1.5	<0.25	<0.25	<0.23	<0.22	<0.21	<0.13	<0.2	<0.21	<0.19	<0.22	<0.19	<0.46	<0.18	<0.41	<0.16	<0.26	<0.34	<0.69	<0.69	NA	NA	NA	NA	29.04
	01/09/03	6.6	0.43*	<0.56 □	<0.81	<0.80	<0.11	<0.45	<0.47	<0.62	<0.65	<0.96	<0.25	<0.71	<0.53	<0.66	<0.87	<0.95	<0.84	<0.58	<0.69	<0.64	<0.63	<1.1	NA	NA	NA	NA	7.03
	03/26/03	33	1.2	<0.44	2.4	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.25	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA	NA	NA	NA	43.63
	09/24/03	47	2.5	<0.44	3.3	<0.35	<0.11	<0.69	<2.4	<0.43	<0.22	<0.31	<0.17	<0.20	<0.16	<0.11	<0.22	<0.19	<0.15	<0.18	<0.14	<0.12	<0.26	<0.26	NA	NA	NA	NA	52.8
	10/10/06	<del> </del>	0.72*	<0.3	1.01*	<0.95	<0.17	<0.61	<0.69	<0.76	<1.1	<0.6	<0.47	<0.69	<0.38	<0.99	<0.52	<0.61	<0.59	<0.81	<1.5	<1.4	<2.2	<1.42	NA	NA	NA	NA _	5.23
TW-25** (B25)	07/13/07	38	0,93*	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .	ND	ND	ND	ND	ND	<b>N</b> D	ND	ND
TW-26** (B26)	07/13/07		<0.44	ND	ND	ND	ND	ND	ND	ND	ND	ND 	ND_	ND	ND 	ND_	ND	ND ND	ND	ND_	ND ND	ND ND	ND	ND	ND	ND ND	ND	ND	ND
TW-1****	03/13/08		ND	ND_	ND	ND -	ND	ND	ND	ND _	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TW-2***	03/13/08	10.1	1.0	ND	ND	ND	ND_	ND	ND	ND	ND	ND	ND	ND 	ND	ND	ND	ND	6.7	ND	ND	ND	ND	ND	ND ND	ND	ND	ND_	ND
TW-3****	03/13/08	27.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Enforcement S		5.0	5.0	7.0	70	100	0.2	6.0	5.0	-	-		5.0	600	700		60		343			80***	40	620				15	
Preventive Ac	ion Limit	0.5	0.5	0.7	7.0	20	0.02	0.60	0.50				0.5	. 60	140	_	12		68.6		9	96***	8	124	<del>-</del>	_		1.5	

## EXPLANATION:

NA = Not Analyzed

ug/l = Microgram / Liter (ppb)
VOC's = Volatile Organic Compounds
CVOC's = Chlorinated Volatile Organic Compounds

- = No Standard Established

ES = Enforcement Standard, Chapter NR 140.10
PAL = Prevenative Action Limit, Chapter NR 140.10

\*\*\* = Combined Trimethylbenzene (1, 2, 4 & 1, 3, 5) Standard DRO = Diesel Range Organics GRO = Gasoline Range Organics

< = Less Than

= Exceeds Enforcement Standards, Chapter NR140.10
= Exceeds Preventative Action Limit, Chapter NR 140.10

\* = Analyte detected between Limit of Detection (LOD) and Limit of Quantification (LOQ)

ND = Not Detected - Laboratory Reports Not Provided To McMahon

\*\* = Temporary Well Groundwater Samples Collected by Omnni Associates, Inc.

\*\*\*\* = Temporary Well Groundwater Sample Collected By MES, Inc.

## <u> Table #1</u>

# **GROUNDWATER ELEVATION & MONITORING WELL INFORMATION SUMMARY**

AMERICAN RED CROSS - OUTAGAMIE COUNTY CHAPTER 1302 East Wisconsin Avenue - Appleton, Wisconsin

Well Name	Date Measured	Depth To Groundwater (PVC top)(ft)	Groundwater Elevation (feet)	Water Depth Below Ground Surface (feet)	Reference Elevation (PVC top)(ft)	Ground Elevation (feet)	Total Well Depth (ground surface)(ft)	Total Well Depth (PVC top)(ft)	Screen Top Elevation (feet)	Length Of Screen (feet)	Free Product Thickness (feet)
MW-01	06/26/01	3.19	755.77	3.60	758.96	759.37	13.51	13.10	755.86	10	0.0
	06/18/02	3.56	755.40	3.97				,		<del></del>	
	09/19/02	5.04	753.92	5.45							
	01/09/03	5.68	753.28	6.09				_			
	03/26/03	3.23	755.73	3.64							
	09/24/03	4.78	754.18	5.19							
,	10/10/06	6.22	752.74	6.63							
	04/24/07	3.96	755.00	4.37							
	11/12/07	5.56	753.40	5.97							
	05/19/08	3.52	755.44	3.93							
PZ-01	06/26/01	29.81	728.76	30.54	758.57	759.30	35.13	34.40	729.17	5	0.0
	06/18/02	23.01	735.56	23.74							
	09/19/02	18.36	740.21	19.09							
	01/09/03	17.86	740.71	18.59							
	03/26/03	20.23	738.34	20.96							
	09/24/03	17.56	741.01	18.29							
MW-02	06/26/01	3.56	756.60	4.08	760.06	760.58	13.74	13.22	756.84	10	0.0
	06/18/02	3.10	756.96	3.62							
	09/19/02	10.89	749.17	11.41							
	01/09/03	10.01	750.05	10.53							
	03/26/03	7.71	752.35	8.23						<del></del>	
PZ-02	06/26/01	28.27	731.54	28.87	759.81	760.41	34.84	34.24	730.57	5	0.0
	06/18/02	19.53	740.28	20.13							
	09/19/02	17.02	742.79	17.62							
	01/09/03	18.83	740.98	19.43							
	03/26/03	18.35	741.46	18.95							
MW-03	06/26/01	4.54	754.22	5.07	758.76	759.29	13.69	13.16	755.60	10	0.0
	06/18/02	5.16	753.60	5.69							
	09/19/02	7.11	751.65	7.64							
	01/09/03	7.48	751.28	8.01							
	03/26/03	5.38	753.38	5.91							

#### <u> Table #1</u>

# GROUNDWATER ELEVATION & MONITORING WELL INFORMATION SUMMARY

AMERICAN RED CROSS - OUTAGAMIE COUNTY CHAPTER 1302 East Wisconsin Avenue - Appleton, Wisconsin

Well Name	Date Measured	Depth To Groundwater (PVC top)(ft)	Groundwater Elevation (feet)	Water Depth Below Ground Surface (feet)	Reference Elevation (PVC top)(ft)	Ground Elevation (feet)	Total Well Depth (ground surface)(ft)	Total Well Depth (PVC top)(ft)	Screen Top Elevation (feet)	Length Of Screen (feet)	Free Product Thickness (feet)
MW-03 (cont.)	09/24/03	5.33	753.43	5.86				<u> </u>			
	10/10/06	7.51	751.25	8.04							
	04/24/07	5.44	753.32	5.97							
	11/12/07	6.60	752.16	7.43							
	05/19/08	5.05	753.71	5.58							
PZ-03	06/26/01	30.30	728.28	31.00	758.58	759.28	35.09	34.39	729.19	5	0.0
	06/18/02	27.62	730.96	28.32						<del></del>	
	01/09/03	27.98	730.60	28.68							
	03/26/03	29.42	729.16	30.12							
	09/24/03	29.51	729.07	30.21							
MW-04	06/26/01	3.27	755.87	3.57	759.14	759.44	13.40	13.10	756.04	10	0.0
	06/18/02	2.76	756.38	3.06							
	09/19/02	5.05	754.09	5.35							
	01/09/03	-		_							
	03/26/03	3.02	756.12	3.32						·	
	09/24/03	4.11	755.03	4.41							
MW-05	06/26/01	10.14	748.73	10.49	758.87	759.22	13.64	13.29	755.58	10	0.0
	06/18/02	6.30	752.57	6.65						<del></del>	
	09/19/02	7.18	751.69	7.53							
	01/09/03	8.04	750.83	8.39		_					
	03/26/03	8.38	750.49	8.73							
	09/24/03	6.95	751.92	7.30							
MW-06	06/26/01	3.74	755.03	4.16	758.77	759.19	13.70	13.28	755.49	10	0.0
	06/18/02	3.55	755.22	3.97							
	09/19/02	5.11	753.66	5.53							
	01/09/03	5.40	753.37	5.82							
	03/26/03	3.99	754.78	4.41							
	09/24/03	4.27	754.50	4.69							
	10/10/06	5.80	752.97	6.22						<u> </u>	] -

# **GROUNDWATER ELEVATION & MONITORING WELL INFORMATION SUMMARY**

AMERICAN RED CROSS - OUTAGAMIE COUNTY CHAPTER 1302 East Wisconsin Avenue - Appleton, Wisconsin

Well Name	Date Measured	Depth To Groundwater (PVC top)(ft)	Groundwater Elevation (feet)	Water Depth Below Ground Surface (feet)	Reference Elevation (PVC top)(ft)	Ground Elevation (feet)	Total Well Depth (ground surface)(ft)	Total Well Depth (PVC top)(ft)	Screen Top Elevation (feet)	Length Of Screen (feet)	Free Product Thickness (feet)
MW-06 (cont.)	04/24/07	4.03	754.74	4.45							
	11/12/07	4.65	754.12	5.07		<del></del>					
	05/19/08	4.14	754.63	4.56							
MW-07	06/26/01	2.91	756.70	3.28	759.61	759.98	13.60	13.23	756.38	10	0.0
	06/18/02	1.83	757.78	2.20							
	09/19/02	8.46	751.15	8.83						,	
	01/09/03	6.25	753.36	6.62							
	03/26/03	2.55	757.06	2.92							
	09/24/03	5.12	754.49	5.49		<u>-</u>					
MW-08	06/26/01	2.61	756.19	3.09	758.80	759.28	13.72	13.24	755.56	10	0.0
	06/18/02	2.53	756.27	3.01							
	09/19/02	6.87	751.93	7.35						<u> </u>	
	01/09/03	6.34	752.46	6.82							
	03/26/03	3.19	755.6 <u>1</u>	3.67						<del></del>	
	09/24/03	4.81	753.99	5.29							
	10/10/06	9.15	749.65	9.63							
	04/24/07	3.01	755.75	3.49							
	11/12/07	5.18	753.62	5.66							
	05/19/08	3.59	755.21	4.07							
MW-09	06/18/02	7.96	750.56	8.28	758.52	758.84	13.95	13.63	754.89	10	0.0
	09/19/02	8.48	750.04	8.80							
	01/09/03	9.00	749.52	9.32							
	03/26/03	7.95	750.57	8.27							
	09/24/03	5.31	753.21	5.63							
	10/10/06	10.16	748.36	10.48							
	04/24/07	7.83	750.69	8.15							
	11/12/07	8.59	749.93	8.91							
	05/19/08	7.98	750.54	8.30							

# GROUNDWATER ELEVATION & MONITORING WELL INFORMATION SUMMARY

AMERICAN RED CROSS - OUTAGAMIE COUNTY CHAPTER 1302 East Wisconsin Avenue - Appleton, Wisconsin

Well Name	Date Measured	Depth To Groundwater (PVC top)(ft)	Groundwater Elevation (feet)	Water Depth Below Ground Surface (feet)	Reference Elevation (PVC top)(ft)	Ground Elevation (feet)	Total Well Depth (ground surface)(ft)	Total Well Depth (PVC top)(ft)	Screen Top Elevation (feet)	Length Of Screen (feet)	Free Product Thickness (feet)
MW-10	06/18/02	3.18	756.00	3.51	759.18	759.51	14.59	14.26	754.92	10	0.0
	09/19/02	5.96	753.22	6.29							
	01/09/03	6.10	753.08	6.43							
	03/26/03	3.63	755.55	3.96							
	09/24/03	4.64	754.54	4.97							
	10/10/06	7.33	751.85	7.66							
	04/24/07	4.07	755.11	4.40							
	11/12/07	5.42	753.76	5. <u>75</u>							
	05/19/08	4.67	754.51	5.00							
MW-11	06/18/02	4.68	753.68	5.10	758.36	758.78	14.55	14.13	754.23	10	0.0
	09/19/02	5.54	752.82	5.96							
	01/09/03	5.90	752.46	6.32							
	03/26/03	4.16	754.20	4.58							
	09/24/03	4.87	753.49	5.29							

Note: The elevations are in reference to Mean Sea Level (MSL)

State of Wisconsin	Impacted Off-Source Property Information
Department of Natural Resources http://dnr.wi.gov	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.

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

BRRTS #:	: 02-45-192316			
ACTIVITY	Y NAME: AMERICAN RED CROSS			
ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
Α	1303 E Amelia St	311192200	648902	423508
В	1322 E Wisconsin Ave	311193000	648961	423477
С				
D				
E				
F				
G				
Н				



**Outagamie County Chapter** 1302 E. Wisconsin Avenue Appleton, WI 54911 Phone: (920) - 733-4481 FAX (920) - 733-1972

March 29, 2010

Revised by DNR

Jeff and Amy Strong 1303 East Amelia Street Appleton, WI 54911

Re:

Notification Of Off Site Chlorinated Volatile Organic Compounds

From The American Red Cross Property

1302 East Wisconsin Avenue - Appleton, WI

WDNR BRRTS #02-45-192316 File No. A0068-900416.02

Dear Jeff and Amy:

The purpose of this letter is to notify you that the Chlorinated Volatile Organic Compound 1303 E Amelia St (CVOC) contaminated saturated soil and groundwater exists on your property located at 1322 East Wisconsin Avenue, Appleton, Wisconsin, which appears to have originated from the property currently owned by the American Red Cross Outagamie County Chapter, 1302 East Wisconsin Avenue, Appleton, Wisconsin. There is currently an active case with the State of Wisconsin Department of Natural Resources, Bureau for Remediation and Redevelopment (the "DNR"). The case number is 02-45-192316. Part of the closing of this case is a requirement that we give you this notification.

Based on the groundwater monitoring well network, we are informed that the levels of tetrachloroethene exist on your property above the state groundwater enforcement standards listed in ch. NR 140, Wisconsin Administrative Code. The tetrachlorethene contamination was likely generated by former operations of Johnson Cleaners during a time period between 1962 and 1976, when a chemical called "perchloroethylene" was used in the dry cleaning operations.

The Red Cross has a legal obligation to remediate the contamination emanating from our property, and we have been working closely with the Wisconsin DNR over the years to do so. The environmental consultants for Red Cross, who have investigated this contamination, have informed me this groundwater contaminant plume is currently stable or receding under current conditions.

Page 2 March 29, 2010

Jeff and Amy Strong

We are informed that allowing natural attenuation and continued operation of the vapor extraction system located inside the American Red Cross building as the remedial corrective actions, this case will meet the requirements for case closure, which are found in Chapter NR 726, Wisconsin Administrative Code. I will be requesting the Wisconsin DNR to accept natural attenuation and continued operation of the vapor extraction system as the final remedy for this case and to approve case closure. Closure means the Wisconsin DNR will not be requiring any further investigation or clean-up action be taken, other than the reliance on natural attenuation and continued operation of the vapor extraction system.

Since the source of the groundwater contamination is not on your property, it is my understanding that neither you nor any subsequent owners of the property will be held responsible for investigation or clean-up of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes, including allowing access to the property for environmental investigation or clean-up, if access is required. To obtain a copy of the DNR publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination, you may visit <a href="http://www.dnr.wi.gove/org/aw/rr/archieves/pubs/RR589.pdf">http://www.dnr.wi.gove/org/aw/rr/archieves/pubs/RR589.pdf</a>.

The Wisconsin DNR will not review the closure request for at least 30 days after the date of this letter. As an affected property owner, you have the right to contact the Wisconsin DNR to provide any technical information you may have that indicates closure should not be granted for this site. If you would like to submit any information to the Wisconsin DNR, which is relevant to this closure request, you should mail that information to:

Ms. Jennifer Borski Wisconsin Department of Natural Resources 625 East County Road 'Y', Suite 700 Oshkosh, WI 54901-9731 Telephone: (920) 424-7887

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds Chapter NR 140 groundwater enforcement standards will be listed on the Wisconsin DNR's Geographic Information System (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above Chapter NR 140 enforcement standards was found at the time the case was closed. This GIS Registry is available to the general public on the Wisconsin DNR's website. Please review the Legal Description on your property specified below, and notify me within the next 30 days if the legal description is incorrect.

Page 3 March 29, 2010

Jeff and Amy Strong

Legal Description Of Affected Property:

Ullmans Addition Lot 3, City of Appleton, Outagamie County, Wisconsin.

Once the Wisconsin DNR makes its decision on this closure request, it will be documented in a letter. If the Wisconsin DNR 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 Wisconsin DNR GIS Registry of Closed Remediation Sites on the internet at <a href="https://www.dnr.state.wi.gov/org/aw/rr/gis/index.htm">www.dnr.state.wi.gov/org/aw/rr/gis/index.htm</a>. A copy of the closure letter is included as part of the case file on the GIS Registry of Closed Remediation Sites.

Should 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 the 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 DNR's Drinking Water and Groundwater Program. The well construction application, Form 3300-254, is on the internet at <a href="http://www.drn.wi.gov/org/water/dwg/3300254.pdf">http://www.drn.wi.gov/org/water/dwg/3300254.pdf</a>, or may be accessed through the GIS Registry web address in the preceding paragraph.

If you need additional information, you may contact me or Jennifer Borski of the Wisconsin DNR. My address and telephone number is as follows:

American Red Cross Outagamie County Chapter 1302 East Wisconsin Avenue Appleton, WI 54911 Telephone: (920)733-4481

Sincerely,

AMERICAN RED CROSS OUTAGAMIE COUNTY CHAPTER

Tony Gonzalez Executive Director

cc: Stuart Boerst – McMAHON

Enclosures

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>1. Article Addressed to:         <ul> <li>Jeff and Amy Strong</li> <li>1303 E. Amelia Strill</li> </ul> </li> </ul>	A. Signature  X
2	3. Service Type  Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.  4. Restricted Deliverv? /Fxtra Fael ☐ Yes
2.	

102595-02-M-1035

• Sender: Please print your name, address, and ZIP+4 in this box •

McMahon AHN: Stuard Boerst P.D. Box 1025 Neenah WI 54957-1025

Às:



**Document Number** 

# STATE BAR OF WISCONSIN FORM 1 - 1998

**WARRANTY DEED** 

THIS DEED, made between KAREY J. SPETEN and MICHELLE SPETEN (f/k/a Michelle A. Beaulieu), husband and wife, Grantor, and A. SPETEN (I'M'A MICHERE A. BEAUTY)

\*JEFFERY DEAN STRONG AND AMY BETH STRONG
Grantor, for a valuable consideration, conveys to Grantee the following described real estate in Outagamie County, State of Wisconsin (the "Property"):

Lot Three (3), ULLMAN'S ADDITION, City of Appleton, Outagamie County, Wisconsin.

1841857

Recorded July 06,2009 AT 10:37AM OUTAGAMIE COUNTY JANICE FLENZ REGISTER OF DEEDS Fee Amount:

\$11.98 Transfer Fee: 1260.50

Total Pages 1

1100 Recording Area

Name and Return Address

JEH Strong

1303 E. amedia St appleton WI SY91/

> 311192200 (Parcel Identification Number) This is homestead property.

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 easements and restrictions of record, if any.

7	
•	
AUTHENTICATION	٠.
ignature(s)	
	<del></del> -
	<del></del>
uthenticated this day of	_, 2009.
signature)	
<u> </u>	
ype or Print Name	
TITLE: MEMBER STATE BAR OF WISCONSIN If not,	
authorized by § 706.06, Wis. Stats.)	

Attorney Daniel C. Huber 618 S. Green Bay Rd. Neenah, WI 54956

Kanykata
* KAREYJJSPATEN
MICHELLE A. SPETEN (III/A Michelle A. Beaulieu)

	ACKNO	OWLEDGM	ENT	
STATE OF	W. W. W.	HIMINING CO	) OUNTY ) ss.	
to be the pa	Spete <del>n (I/k/a</del> ) Lyon(s)>Who	heve name	his LST Karey J. S Beaulieu), to reference in	ne knowa
and acknowld	OF	WIS CHIMINA		
(Type or Print	Name)	W. K	or _	
Notary Publi	•	NE		

My commission is permanent. (If not, state expiration date:

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



Outagamie County Chapter 1302 E. Wisconsin Avenue Appleton, WI 54911 Phone: (920) - 733-4481 FAX (920) - 733-1972

March 29, 2010

Geri Ann Keen Forge Properties, LLC 1209 East Pauline Street Appleton, WI 54911

Re: Notification Of Off Site Chlorinated Volatile Organic Compounds

From The American Red Cross Property 1302 East Wisconsin Avenue - Appleton, WI

WDNR BRRTS #02-45-192316 File No. A0068-900416.02

#### Dear Geri:

The purpose of this letter is to notify you that the Chlorinated Volatile Organic Compound (CVOC) contaminated saturated soil and groundwater exists on your property located at 1322 East Wisconsin Avenue, Appleton, Wisconsin, which appears to have originated from the property currently owned by the American Red Cross Outagamie County Chapter, 1302 East Wisconsin Avenue, Appleton, Wisconsin. There is currently an active case with the State of Wisconsin Department of Natural Resources, Bureau for Remediation and Redevelopment (the "DNR"). The case number is 02-45-192316. Part of the closing of this case is a requirement that we give you this notification.

Based on the groundwater monitoring well network, we are informed that the levels of tetrachloroethene exist on your property above the state groundwater enforcement standards listed in ch. NR 140, Wisconsin Administrative Code. The tetrachlorethene contamination was likely generated by former operations of Johnson Cleaners during a time period between 1962 and 1976, when a chemical called "perchloroethylene" was used in the dry cleaning operations.

The Red Cross has a legal obligation to remediate the contamination emanating from our property, and we have been working closely with the Wisconsin DNR over the years to do so. The environmental consultants for Red Cross, who have investigated this contamination, have informed me this groundwater contaminant plume is currently stable or receding under current conditions.

Page 2 March 29, 2010

Geri Ann Keen Forge Properties, LLC

We are informed that allowing natural attenuation and continued operation of the vapor extraction system located inside the American Red Cross building as the remedial corrective actions, this case will meet the requirements for case closure, which are found in Chapter NR 726, Wisconsin Administrative Code. I will be requesting the Wisconsin DNR to accept natural attenuation and continued operation of the vapor extraction system as the final remedy for this case and to approve case closure. Closure means the Wisconsin DNR will not be requiring any further investigation or clean-up action be taken, other than the reliance on natural attenuation and continued operation of the vapor extraction system.

Since the source of the groundwater contamination is not on your property, it is my understanding that neither you nor any subsequent owners of the property will be held responsible for investigation or clean-up of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes, including allowing access to the property for environmental investigation or clean-up, if access is required. To obtain a copy of the DNR publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination, you may visit <a href="http://www.dnr.wi.gove/org/aw/rr/archieves/pubs/RR589.pdf">http://www.dnr.wi.gove/org/aw/rr/archieves/pubs/RR589.pdf</a>.

The Wisconsin DNR will not review the closure request for at least 30 days after the date of this letter. As an affected property owner, you have the right to contact the Wisconsin DNR to provide any technical information you may have that indicates closure should not be granted for this site. If you would like to submit any information to the Wisconsin DNR, which is relevant to this closure request, you should mail that information to:

Ms. Jennifer Borski Wisconsin Department of Natural Resources 625 East County Road 'Y', Suite 700 Oshkosh, WI 54901-9731 Telephone: (920) 424-7887

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds Chapter NR 140 groundwater enforcement standards will be listed on the Wisconsin DNR's Geographic Information System (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above Chapter NR 140 enforcement standards was found at the time the case was closed. This GIS Registry is available to the general public on the Wisconsin DNR's website. Please review the Legal Description on your property specified below, and notify me within the next 30 days if the legal description is incorrect.

Page 3 March 29, 2010

Geri Ann Keen Forge Properties, LLC

Legal Description Of Affected Property:

Ullmans Addition Lots 10, 12 and W31 Ft. of Lot 14, City of Appleton, Outagamie County, Wisconsin.

Once the Wisconsin DNR makes its decision on this closure request, it will be documented in a letter. If the Wisconsin DNR 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 Wisconsin DNR GIS Registry of Closed Remediation Sites on the internet at <a href="https://www.dnr.state.wi.gov/org/aw/rr/gis/index.htm">www.dnr.state.wi.gov/org/aw/rr/gis/index.htm</a>. A copy of the closure letter is included as part of the case file on the GIS Registry of Closed Remediation Sites.

Should 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 the 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 DNR's Drinking Water and Groundwater Program. The well construction application, Form 3300-254, is on the internet at <a href="http://www.drn.wi.gov/org/water/dwg/3300254.pdf">http://www.drn.wi.gov/org/water/dwg/3300254.pdf</a>, or may be accessed through the GIS Registry web address in the preceding paragraph.

If you need additional information, you may contact me or Jennifer Borski of the Wisconsin DNR. My address and telephone number is as follows:

American Red Cross Outagamie County Chapter 1302 East Wisconsin Avenue Appleton, WI 54911 Telephone: (920)733-4481

Sincerely,

AMERICAN RED CROSS OUTAGAMIE COUNTY CHAPTER

Tony Gonzalez Executive Director

cc: Stuart Boerst – McMAHON

Enclosures

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature  X
1. Article Addressed to:  Geri Ann Keen Forge Pomerties LL	D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No
Forge Properties UL 1209 E. Pawline St. Appleton WI S-1911	3. Service Type
2. Article Number (Transfer from service label) 700 1410 C	1000 1090 3889
PS Form 3811, August 2001 Domestic Retu	urn Receipt 102595-02-M-1035

UNITED STATES POSTAL SERVICE

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LE ME GROW SEAM SOL

• Sender: Please print your name, address, and ZIP+4 in this box •

McMahon Attn: Stuart Boerst P.O. Box 1025 Neenan WI 54957-1025

A0068-900416.02



#### **CORPORATE WARRANTY DEED**

This Deed, made between Mokler Properties, Inc., a Wisconsin Corporation

Grantor and Forge Properties LLC, a Wisconsin limited liability company

Grantee,

Grantor, for a valuable consideration, conveys to

Grantee the following described real estate in **Outagamie** County, State of Wisconsin:

Lots Ten (10), Twelve (12) and Fourteen (14), excepting therefrom the East 9 feet of said Lot 14, ULLMAN'S ADDITION, City of Appleton, Outagamie County, Wisconsin.

1809513

Recorded

Sep. 18,2008 AT 02:06PM

OUTAGAMIE COUNTY JANICE FLENZ REGISTER OF DEEDS

Fee Amount:

\$11.00

Transfer Fee:

\$438.00

Total Pages 1



**RETURN TO:** 

Forge Properties, LLC 1209 E Pauline Street Appleton, WI 54911

\_\_\_\_

Tax Parcel No.

311193000

Together with all and singular the hereditaments and appurtenances thereunto belonging; and **Mokler Properties, Inc.** warrant that the title is good, indefeasible in fee simple and free and clear of encumbrances except recorded restrictions, covenants, easements of record and all applicable zoning ordinances, and will warrant and defend the same.

Dated: September 15, 2008

Mokler Properties, Inc., a Wisconsin corporation

By: Chr/stopher J. Mokler, President

**AUTHENTICATION** 

Signature(s)

authenticated this **Fifteenth day of September**, 2008

TITLE: MEMBER STATE BAR OF WISCONSIN (If not, authorized by (4,6) 706.06, Wis. Stats)

THIS INSTRUMENT WAS DRAFTED BY **Mokler Properties, Inc.** 

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

**ACKNOWLEDGEMENT** 

State of Wisconsin

SS:

**Outagamie** County

Personally came before me this **Fifteenth day of September, 2008** the above named **Christopher J. Mokler** to me known to be the person(s) who

executed the foregoing instrument and acknowledge the same.

Karen M. Prue

Notary Public Outagamie County, Wisconsin

My Commission is permanent.

If not, state expiration date: January 4, 2009

File No.: 1851711





RIGHT-OF-WAY

April 5, 2010

Ms. Paula Vandehey, DPW City of Appleton 100 North Appleton Street Appleton, WI 54911 Ms. Cynthia Hess, City Clerk City of Appleton 100 North Appleton Street Appleton, WI 54911

Re:

Notification of Chlorinated Volatile Organic Compounds Beneath Wisconsin Avenue and Owaissa Street Adjacent to American Red Cross Property 1302 East Wisconsin Avenue – Appleton, WI McM. No. A0068-900416.02

Dear Ms. Vandehey and Ms. Hess:

The purpose of this letter is to notify the City of Appleton, on behalf of the American Red Cross Outagamie County Chapter, that chlorinated volatile organic compounds (CVOC) contaminated soil, saturated material and groundwater exists beneath the Wisconsin Avenue and Owaissa Street right-of-way (ROW) adjacent to the American Red Cross property, 1302 East Wisconsin Avenue, Appleton, Wisconsin. This notification is required by the Wisconsin Department of Natural Resources (DNR) in order for the case to be closed. The CVOC contamination was likely generated by former operations of Johnson Cleaners during a time period between 1962 and 1976, when perchloroethylene was used in the operations.

Attached are five figures and three tables providing data pertaining to the location and concentration of subsurface COVC's. Figure #1 shows the site location and regional topography. Figure #3 is a geologic cross section showing the vertical distribution of CVOC's. Figure #8 shows the current groundwater flow in the American Red Cross property. Figure #9 shows the estimated horizontal extent of CVOC's on the unsaturated soil. Figure #10 shows the estimated horizontal extent of CVOC groundwater contamination.

Table #1 summarizes the depth to groundwater in the area. Table #3 summarizes the soil and saturated material sample VOC analytical results. Table #4 summarizes the groundwater sample VOC analytical results.



RIGHT-OF-WAY

Page 2 April 5, 2010

Ms. Paula Vandehey, DPW City of Appleton

Ms. Cynthia Hess, City Clerk City of Appleton

If the City of Appleton encounters CVOC contaminated soil, saturated material and/or groundwater during construction activities in the Wisconsin Avenue ROW, it must be managed in accordance with applicable regulations. The excavation of potentially contaminated soil, saturated material and groundwater may pose inhalation or other direct contact hazards and will require soil and groundwater sampling and analysis as well as proper storage, treatment and disposal of any excavated materials, based upon the results of the laboratory analysis. Furthermore, if trenching is planned within the CVOC contaminated area for underground utility installation, the design and construction should be completed in a manner to prevent migration of CVOC contamination along the utility pipe(s) and bedding material.

If you have any questions, please contact me.

Very truly yours,

**McMAHON** 

Stuart A. Boerst, P.S., P.H. Senior Hydrogeologist

SAB:car

Enclosures

cc: Tony Gonzalez – American Red Cross Outagamie County Chapter Jennifer Borski – Wisconsin DNR (Oshkosh)

RIGHT-OF-WAY

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
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<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>Article Addressed to:</li> <li>Ms. Pewakandekey</li> <li>City of Appleton St.</li> </ul>	A. Signature  X Agent  Addressee  B. Received by (Printed Name)  C. Date of Delivery  D. Is delivery address different from item 1?  If YES, enter delivery address below:
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RIGHT-OF-WAY

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McMahon P.D. Box 1025 Neenah WI 54957-1025

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