State of Wisconsin
Department of Natural Resources
P.O. Box 7921, Madison, WI 53707-7921

**GIS REGISTRY (Cover Sheet)**
Form 4400-280 (R 7/12)

# Source Property Information

CLOSURE DATE: Oct 24, 2011

**BRRTS #:** 03-10-201999 (No Dashes)

FID #: 610052410

ACTIVITY NAME: Pogo's Hardware Plus

DATCP #:

PROPERTY ADDRESS: 516 W Mill ST

PECFA#: 54498978916

MUNICIPALITY: Withee

PARCEL ID #: 191.0165.000

***WTM COORDINATES:**

X: 472764 Y: 497750

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

**WTM COORDINATES REPRESENT:**

- (●) Approximate Center Of Contaminant Source
- ( ) Approximate Source Parcel Center

**Please check as appropriate:** (BRRTS Action Code)

## Contaminated Media:

- [x] Groundwater Contamination > ES *(236)*
  - [x] Contamination in ROW
  - [ ] Off-Source Contamination

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

- [x] Soil Contamination > *RCL or **SSRCL *(232)*
  - [x] Contamination in ROW
  - [ ] Off-Source Contamination

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

## Continuing Obligations:

- [ ] N/A (*Not Applicable*)
- [ ] Soil: maintain industrial zoning *(220)*

  *(**note:** soil contamination concentrations between non-industrial and industrial levels)*
- [x] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [x] Cover or Barrier *(222)*

  *(**note:** maintenance plan for groundwater or direct contact)*
- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*

  *(**note:** local government unit or economic development corporation was directed to take a response action )*

***Note:** Comments will not print out.*

## Monitoring Wells:

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

(●) Yes ( ) No ( ) N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

**PLEASE ASSEMBLE IN THIS ORDER**

# GIS Registry Checklist

Form 4400-245 (R 8/11)



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 #: 03-10-201999 *(No Dashes)* PARCEL ID #: 191.0165.000

ACTIVITY NAME: Pogo's Hardware Plus WTM COORDINATES: X: 472764 Y: 497750

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

- [x] **Closure Letter**
- [x] **Maintenance Plan** *(if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)*
- [ ] **Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- [x] **Conditional Closure Letter** (Denial Letter)
- [ ] **Certificate of Completion (COC)** (for VPLE sites)

## SOURCE LEGAL DOCUMENTS

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

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

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

- [x] **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  ***Note:*** *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

  **Figure #: 1** **Title: Site Vicinity Map**
- [x] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  **Figure #: 2** **Title: Site Map**
- [x] **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 #: 4 / 2** **Title: Area of Excavation & Residual Soil Contamination / Area Residual Soil Contamination**

BRRTS #: 03-10-201999 ACTIVITY NAME: Pogo's Hardware Plus

## 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: Cross Section A-A'; B-B'**

**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 #: 5** **Title: Groundwater Flow & Estimated Extent of GW Contamination Above NR 140 ES (Benzene)**

☒ **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 #: 5** **Title: Groundwater Flow & Estimated Extent of GW Contamination Above NR 140 ES (Benzene)**

**Figure #:** **Title:**

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

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

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

**Table #: 1a-1d** **Title: Geoprobe / Monitoring Well / Excavation / Confirmation Geoprobe Soil Analytical Results**

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

**Table #: 3a - 3o** **Title: Groundwater Analytical Results Summary**

☒ **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 #: 2** **Title: Monitoring Well Information and Groundwater Elevations**

## IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
***Note:*** *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☒ **Not Applicable**

☐ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
***Note:*** *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

**Figure #:** **Title:**

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

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

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

BRRTS #: 03-10-201999 ACTIVITY NAME: Pogo's Hardware Plus

## NOTIFICATIONS

**Source Property**

☒ **Not Applicable**

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

**Off-Source Property**

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

☐ **Not Applicable**

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
***Note:*** *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

**Number of "Off-Source" Letters:**

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
***Note:*** *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

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

**Figure #:** **Title:**

☒ **Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

**Number of "Governmental Unit/Right-Of-Way Owner" Letters: 1**

**State of Wisconsin**
**DEPARTMENT OF NATURAL RESOURCES**
**West Central Region Headquarters**
**PO Box 4001**
**Eau Claire WI 54702-4001**

**Scott Walker, Governor**
**Cathy Stepp, Secretary**
**Scott Humrickhouse, Regional Director**
**Telephone 715-839-3700**
**FAX 715-839-6076**
**TTY Access via relay - 711**

WISCONSIN
DEPT. OF NATURAL RESOURCES

October 24, 2011

Mr. Alan Niemi
306 South Thomas Street
Loyal, Wisconsin 54446

Subject: **REVISED**; Final Closure for Former Pogo's Hardware, 516 West Mill Street, Withee, Wisconsin. BRRTS#03-10-201999.

Dear Mr. Niemi:

**Note: This letter replaces the Final Closure letter previously sent out.**

On July 14, 2011, the West Central Region (WCR) Closure 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 July 14, 2011, you were notified that the Closure Committee had denied closure to this case, but provided you with the conditions under which closure would be granted.

On September 22, 2011, the Department received information or documentation indicating that you have complied with the requirements for final closure. This included a maintenance plan, the laboratory results of additional soil sampling to define soil contamination in the top four feet of soil and the groundwater monitoring well abandonment forms.

The Department reviewed the case closure request regarding the petroleum contamination in the soil and groundwater 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 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
- If a structural impediment that obstructed a complete site investigation or cleanup is removed or modified, additional environmental work must be completed
- Groundwater contamination is present above Chapter NR 140 enforcement standards

All site information, including the maintenance plan, is also on file at the West Central Regional DNR office, at 1300 West Clairemont Avenue, Eau Claire, 54702. 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 http://dnr.wi.gov/org/water/dwg/3300254.pdf 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

Residual soil contamination remains beneath the Pogo Hardware building and in the southeast corner of the property, as indicated on the attached map and in the information submitted to the Department of Natural Resources. 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.

Structural Impediments

A structural impediment, the Pogo Hardware building, existing at the time of cleanup as shown on the attached map, made complete investigation and remediation of the soil contamination on this property impracticable. Pursuant to s. 292.12(2)(b), Wis. Stats., if the structural impediments on this property that are described above are to be removed, the property owner shall notify the Department of Natural Resources before removal and conduct an investigation of the degree and extent of the petroleum contamination. If contamination is found at that time, the contamination shall be properly remediated in accordance with applicable statutes and rules. If soil in the specific locations described above is excavated, 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 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.

Cover or Barrier

Pursuant to s. 292.12(2)(a), Wis. Stats., the building foundation that currently exists in the location shown on the attached map shall be maintained in compliance with the attached maintenance plan in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. In this case, the

building is also considered a structural impediment, and additional investigation and response requirements apply as outlined above under the section titled Structural Impediments.

Soil contamination remains under the Pogo's Hardware building and in the southeast corner of the parking lot, as shown on the attached map and in the information submitted to the Department of Natural Resources. 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. 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.

The attached maintenance plan and inspection log are to be kept up-to-date and on-site. Please submit the inspection log to the Department only upon request.

Prohibited Activities

The following activities are prohibited on any portion of the property where pavement or the building foundation, 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; and 5) 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 benzene and 1,2-dichloroethane contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present on this contaminated property and off this property, as shown on the attached map. Off-source property owners have also been notified of the presence of groundwater contamination.

Vapor Migration

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 http://www.dnr.state.wi.us/org/water/wm/ww/

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:

- Any activity or construction that results in the removal or modification of a structural impediment that
- 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

Please send written notifications in accordance with the above requirements to West Central Region DNR, 1300 West Clairemont Ave, Eau Claire, 54702 to the attention of Gina Keenan.

PECFA Reimbursement

Section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the Department of Safety and Professional Services PECFA Program to determine the method for salvaging the equipment.

The following DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" can be obtained at http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf. This document will help explain a property owner's responsibility for continuing obligations on their property.

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 Gina Keenan at 715.839.3765.

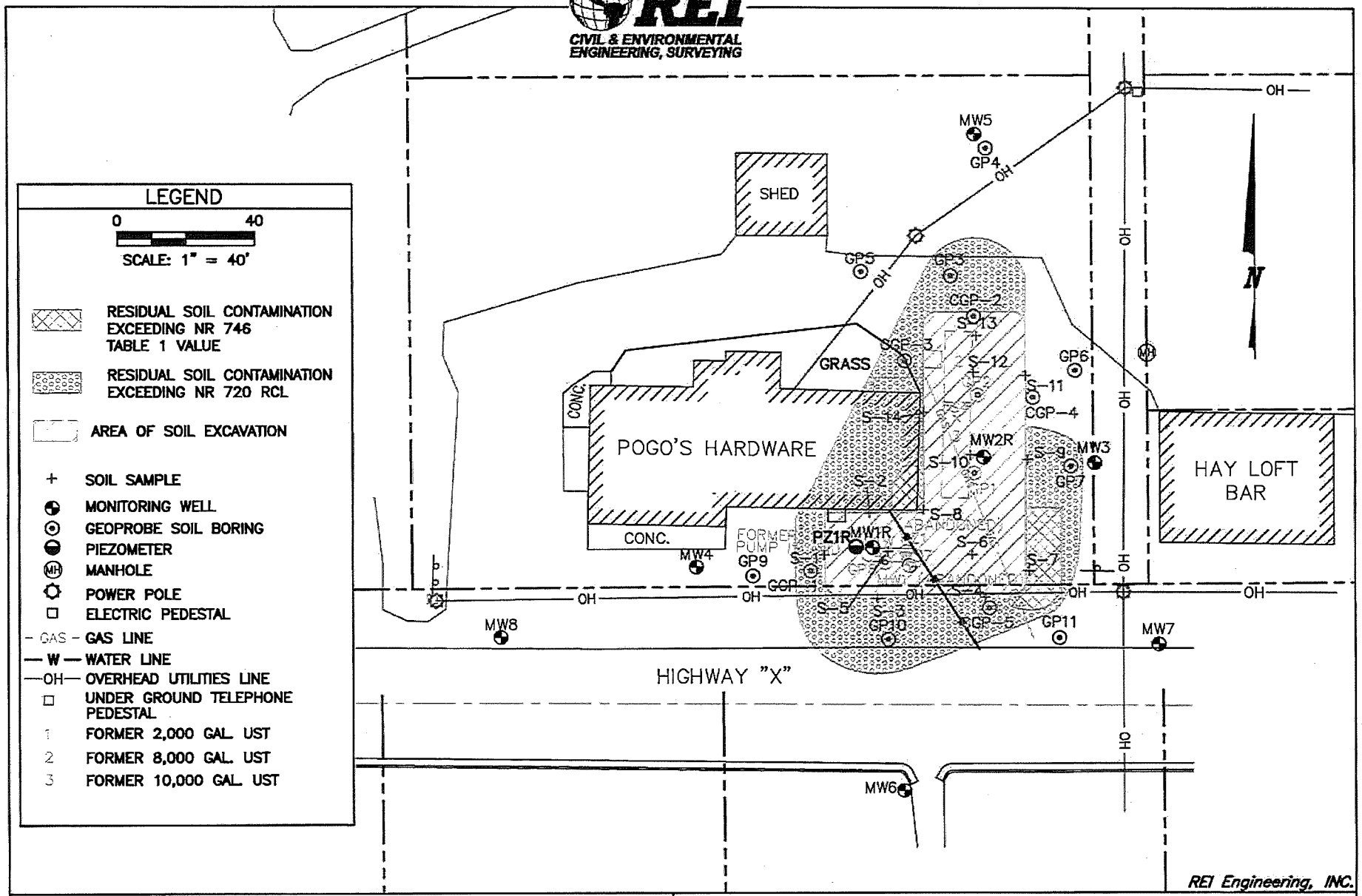
Sincerely,

Bill Evans, Team Supervisor
WCR Remediation & Redevelopment Program

Attach: Remaining soil contamination map
Remaining groundwater contamination map
Structural impediment map
Maintenance Plan

cc: Andy Delforge-REI, 4080 North 20th Avenue, Wausau, WI 54401
Dee Lance-DCOM
WCR case file

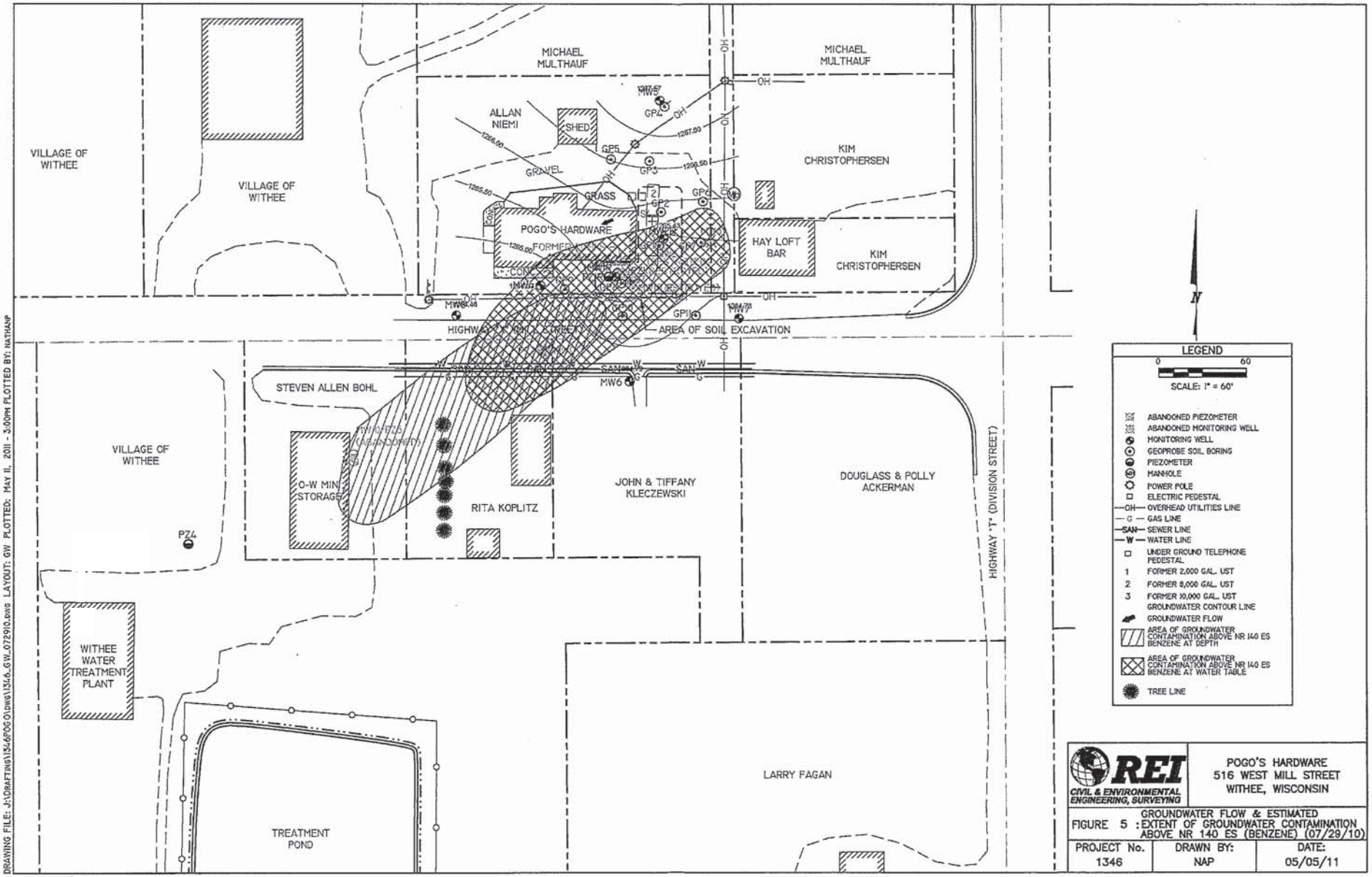
REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



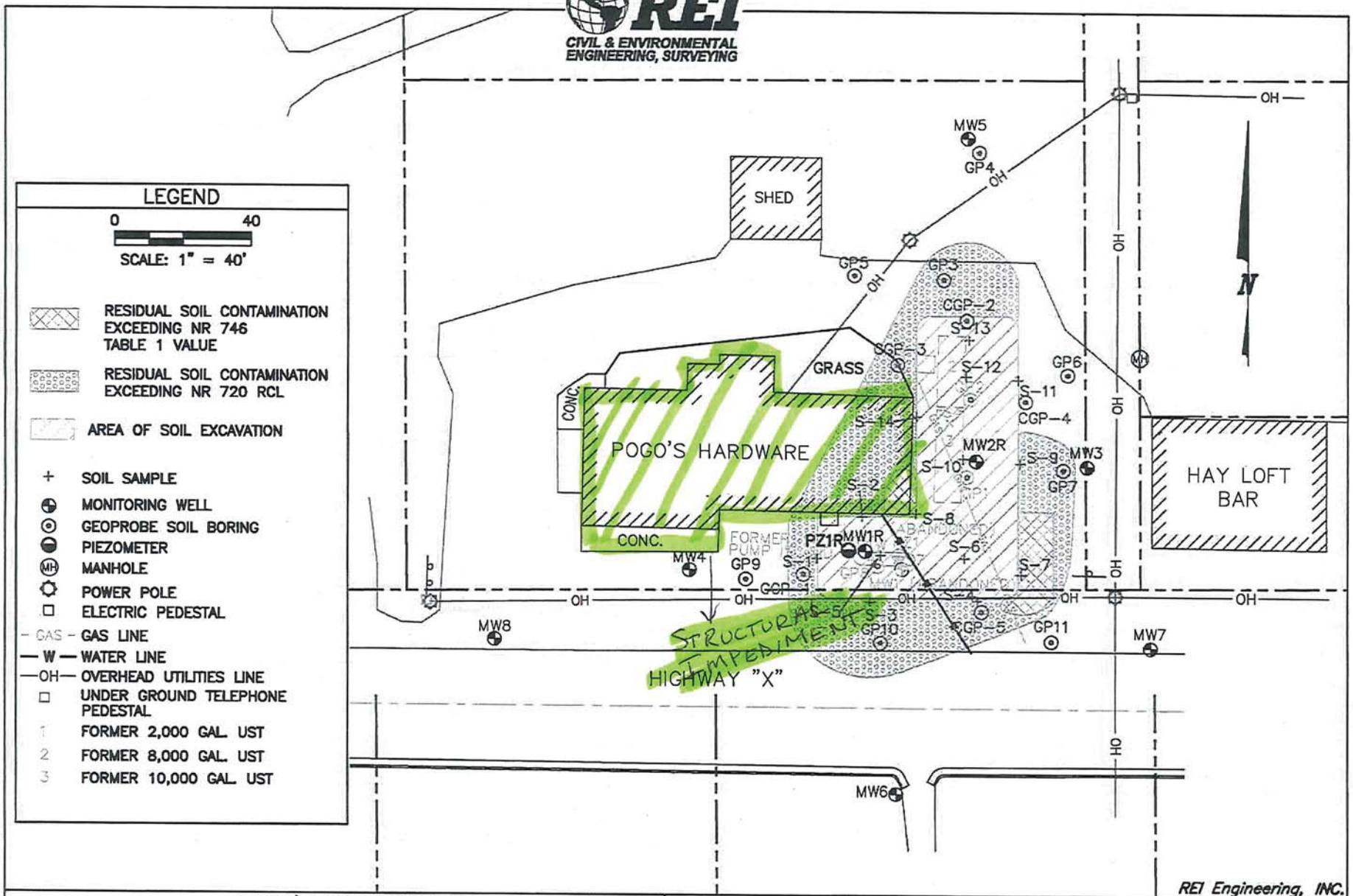

REI Engineering, INC.

| POGO'S HARDWARE<br>516 WEST MILL STREET<br>WITHEE, WISCONSIN | FIGURE 2 : AREA RESIDUAL SOIL CONTAMINATION | | |
|---|---|---|---|
| | PROJECT NO. 1346 | DRAWN BY: NAP | DATE: 9/20/2011 |

DRAWING FILE: J:\Drafting\1346POGO\dwg\1346SOILCONTAM-CGP.dwg LAYOUT: EXCAV PLOTTED: Sep 20, 2011 - 10:55am PLOTTED BY: toddw


VILLAGE OF WITHEE
VILLAGE OF WITHEE
MICHAEL MULTHAUF
MICHAEL MULTHAUF
ALLAN NIEMI
SHED
GRAVEL
GRASS
POGO'S HARDWARE
FORMER
CONC.
KIM CHRISTOPHERSEN
HAY LOFT BAR
KIM CHRISTOPHERSEN
HIGHWAY "T" (DIVISION STREET)
AREA OF SOIL EXCAVATION
STEVEN ALLEN BOHL
VILLAGE OF WITHEE
O-W MINI STORAGE
RITA KOPLITZ
JOHN & TIFFANY KLECZEWSKI
DOUGLASS & POLLY ACKERMAN
HIGHWAY "T" (DIVISION STREET)
WITHEE WATER TREATMENT PLANT
TREATMENT POND
LARRY FAGAN
MW5
GP4
GP5
GP3
GP6
GP2
MW4
MW2
MW3
GP1
MW6
PZ4
1267.00
1266.00
1266.50
1265.50
1265.00
N
LEGEND
0
60
SCALE: 1" = 60'
ABANDONED PIEZOMETER
ABANDONED MONITORING WELL
MONITORING WELL
GEOPROBE SOIL BORING
PIEZOMETER
MANHOLE
POWER POLE
ELECTRIC PEDESTAL
OH — OVERHEAD UTILITIES LINE
G — GAS LINE
SAN — SEWER LINE
W — WATER LINE
UNDER GROUND TELEPHONE PEDESTAL
1 FORMER 2,000 GAL. UST
2 FORMER 8,000 GAL. UST
3 FORMER 10,000 GAL. UST
GROUNDWATER CONTOUR LINE
GROUNDWATER FLOW
AREA OF GROUNDWATER CONTAMINATION ABOVE NR 140 ES BENZENE AT DEPTH
AREA OF GROUNDWATER CONTAMINATION ABOVE NR 140 ES BENZENE AT WATER TABLE
TREE LINE
REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING
POGO'S HARDWARE
516 WEST MILL STREET
WITHEE, WISCONSIN
GROUNDWATER FLOW & ESTIMATED
FIGURE 5 : EXTENT OF GROUNDWATER CONTAMINATION ABOVE NR 140 ES (BENZENE) (07/29/10)
PROJECT No.
1346
DRAWN BY:
NAP
DATE:
05/05/11
DRAWING FILE: J:\DRAFTING\1346\POGO\DWG\1346_GW_072910.DWG LAYOUT: GW PLOTTED: MAY 11, 2011 - 3:00PM PLOTTED BY: NATHANP

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING




REI Engineering, INC.

POGO'S HARDWARE
516 WEST MILL STREET
WITHEE, WISCONSIN

FIGURE 2 : AREA RESIDUAL SOIL CONTAMINATION

| PROJECT NO. | DRAWN BY: | DATE: |
|---|---|---|
| 1346 | NAP | 9/20/2011 |

DRAWING FILE: J:\Drafting\1346POGO\dwg\1346SOILCONTAM-CGP.dwg LAYOUT: EXCAV PLOTTED: Sep 20, 2011 - 10:55am PLOTTED BY: toddw

**BUILDING COVER MAINTENANCE PLAN**
**Pogo's Hardware**
**516 West Mill Street**
**Withee, WI**
**WDNR BRRTS # 03-10-201999**
**REI Project #1346xuc**

INTRODUCTION

This document is the Maintenance Plan for the current building acting as an impervious barrier at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the current building occupying the area over the contaminated soil on the property.

COVER BARRIER PURPOSE
The building over the contaminated soil and groundwater serve as a barrier to prevent direct human contact with residual soil. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

The following activities are prohibited on any portion of the property where pavement is required as shown on the attached map unless prior written approval has been obtained from the Wisconsin Department of Natural Resources:

1) Removal of the existing building
2) Replacement with another building

ANNUAL INSPECTION
The building overlying the contaminated soil as depicted in Exhibit A (Figure 2) shall be inspected periodically by the property owner, and a log is kept documenting repairs to the existing floor. This document will be kept with maintenance records.

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

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

AMENDMENT OR WITHDRAWL OF MAINTENANCE PLAN

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

September 21, 2011

| | |
|---|---|
| Property Owner: | Alan Niemi<br>306 South Thomas Street<br>Loyal, WI 54446<br>(715) 255-8113 |
| Consultant: | REI Engineering, Inc.<br>4080 North 20th Avenue<br>Wausau, WI 54401<br>(715) 675-9784 |
| WDNR: | Gina Keenan<br>Wisconsin Department of Natural Resources<br>P.O. Box 4001<br>Eau Claire, WI 54702-4001<br>(715) 839-3765 |

# EXHIBIT B

## BUILDING COVER

## IMPERVIOUS BARRIER INSPECTION LOG

| Inspection Date | Inspector | Condition of Floor | Recommendations | Have Recommendations from previous inspection been implemented? |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

**State of Wisconsin**
**DEPARTMENT OF NATURAL RESOURCES**
**West Central Region Headquarters**
**PO Box 4001**
**Eau Claire WI 54702-4001**

**Scott Walker, Governor**
**Cathy Stepp, Secretary**
**Scott Humrickhouse, Regional Director**
**Telephone 715-839-3700**
**FAX 715-839-6076**
**TTY Access via relay - 711**

WISCONSIN
DEPT. OF NATURAL RESOURCES

July 14, 2011

Mr. Alan Niemi
306 South Thomas Street
Loyal, Wisconsin 54446

Subject: Case Closure Denial for Former Pogo's Hardware, 516 West Mill Street, Withee, Wisconsin. BRRTS#03-10-201999.

Dear Mr. Niemi:

On July 14th, 2011, the West Central Region (WCR) Closure Committee reviewed your request for closure of the case described above. The WCR Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After review of your closure request, the closure committee has denied closure because additional requirements must be met. The purpose of this letter is to inform you of the remaining requirements for obtaining closure, and to request your written response within 60 days of receiving this letter.

Additional site work is necessary at the above described site in order to meet the requirements for site closure. Your site was denied closure because the degree and extent of soil contamination from 0-4 feet below ground surface (bgs) is not known. Without knowing the degree and extent of the soil contamination in this zone, we are unable to determine the extent of the cap that would be required to be maintained at the site as a barrier to direct contact. The maintenance of this cap will be a continuing obligation of any future property owners of this property, so it is essential that this be determined.

**MAINTENANCE PLAN**

To close this site, the Department will require that the building be maintain as a structural impediment to the soil contamination found below the building, and that any soil contamination found exceeding our direct contact standards between 0-4' bgs have a barrier placed above it to minimize direct contact issues. A document will need to be drawn up, describing how the direct contact barrier is to be maintained in accordance with s. NR 724.13(2), Wis. Adm. Code. The maintenance plan should be submitted to the Department for review and approval.

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

Any remaining monitoring well 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.

**MONITORING WELL ABANDONMENT**

The WCR Closure Committee was satisfied with the groundwater investigation at the site; therefore, you may direct your environmental consultant to abandon the monitoring wells and piezometers in accordance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to my attention on Form 3300-5B found at http://dnr.wi.gov/org/water/dwg/gw/ or provided by the Department of Natural Resources.

When all the above requirements have been satisfied, please submit a letter, together with any required

documentation, to let me know that applicable requirements have been met. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry. Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm.

Note: case closure will be approved only if all the above requirements have been satisfied, including submitting the required documentation to the Department. **Please satisfy these requirements within 60 days of the date of this letter. If these requirements have not been met your site will remain "open" and additional remedial actions may be necessary by you to eliminate the need for these requirements.**

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715.839.3765.

Sincerely,

Gina Keenan
Hydrogeologist
Remediation & Redevelopment Program

cc: Andy Delforge-REI, 4080 North 20th Avenue, Wausau, WI 54401
Dee Lance-DCOM
WCR case file

DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 3 — 1982
QUIT CLAIM DEED

THIS SPACE RESERVED FOR RECORDING DATA

523 R 294
445480
2/8/94

VOL. 541 PAGE 807

RETURN TO

Tax Parcel No: .....

Allan Niemi and June Niemi, husband and wif and each in their own right

quit-claims to Allan Niemi and June Niemi, husband and wife as survivorship marital property

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

The East Half of the Southwest Quarter (E½-SW¼), the East Half of the Southeast Quarter of the Northwest Quarter (E½-SE¼-NW¼) and the Northeast Quarter (NE¼), except for the railroad right-of-way and except for that parcel conveyed in 169 D 314, ALL in Section Twenty-two (22); and

The Southwest Quarter of the Southwest Quarter (SW¼-SW¼), except for the railroad right-of-way, Section Twenty-three (23); and

The North Half of the Northwest Quarter of the Northwest Quarter (N½-NW¼-NW¼), the West Half of the Southeast Quarter (W½-SE¼), the Northeast Quarter of the Southeast Quarter (NE¼-SE¼), lying West of the railroad right-of-way, the East Half of the Southwest Quarter (E½-SW¼), except for the West 627 feet of the South 235 feet; and

The South 30 rods of the West 16 rods of the Northwest Quarter of the Southwest Quarter (NW¼-SW¼), except for the North 13 feet of the West 226.5 feet; and

Commencing 825 feet South and 226.5 feet East of the Northwest corner of the Northwest Quarter of the Southwest Quarter (NW¼-SW¼), thence North 13 feet, thence Northeasterly 75 feet to a point which is 1019.5 feet West of the East line of said forty, thence East 23.5 feet, thence North 64 feet, thence East 996 feet, more or less, to the East line of said NW¼-SW¼, thence South 620 feet, more or less, to the Southeast corner of said forty, thence West 64 rods, thence North 30 rods, thence West 37.5 feet to the point of beginning, ALL in Section Twenty-six (26); and

The West Half of the Southeast Quarter (W½-SE¼), the North Half of the Northeast Quarter (N½-NE¼), the Northeast Quarter of the Northwest Quarter (NE¼-NW¼), the Southwest Quarter (SW¼) and the West 51 rods 11 feet 9.73 inches of the Southeast Quarter of the Southeast Quarter (SE¼-SE¼), the West 550 feet of the South 280 feet of the South Half of the Northeast Quarter of the Southeast Quarter (S½-NE¼-SE¼) and the North Half of the Northeast Quarter of the Southeast Quarter (N½-NE¼-SE¼), except the South 227.12 feet of the East 310.5 feet and except commencing at a point in the center line of County Trunk "T", which point is 284 feet South of the East quarter (see attached)

This ....is.... (is not) homestead property.
/and non-homestead property of Grantor.

Dated this 4th day of February, 1994

.....(SEAL)

.....(SEAL)

X Allan Niemi (SEAL)
Allan Niemi

X June Niemi (SEAL)
June Niemi

**AUTHENTICATION**

Signature(s) of Allan Niemi and June Niemi

authenticated this 4 day of February, 1994.

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

THIS INSTRUMENT WAS DRAFTED BY
Attorney Ernest C. Gay
Oxon, WI 53160-0416
(Signatures may be authenticated or acknowledged. Both are not necessary.)

**ACKNOWLEDGMENT**

STATE OF WISCONSIN } ss.
.....County.

Personally came before me this .....day of ....., 19..... the above named .....

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

.....
Notary Public .....County, Wis.
My Commission is permanent. (If not, state expiration date ....., 19.....)



25×10 32×17

post of Section 27, thence West 84 feet, thence South 50 feet, thence East 84 feet to the center of County Trunk Highway "T", thence North 50 feet to the point of beginning, ALL in Section Twenty-seven (27); and

The Southwest Quarter (SW¼), except for the North 418 feet of the East 209 feet and except for the South 464 feet of the East 268 feet and except for that parcel described in Volume 235 R 449, ALL in Section Twenty-eight (28); and

The North Half of the Northwest Quarter (N½-NW¼), lying North of the railroad right-of-way, Section Thirty-four (34); and

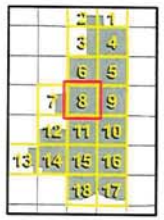
Part of the Northwest Quarter of the Northeast Quarter (NW¼-NE¼), lying North of the railroad right-of-way described as commencing 748 feet East of the Northwest corner, thence South 273 feet, thence East 160 feet, thence North 273 feet, thence West 160 feet to the point of beginning, Section Thirty-four (34); and

Lots Five (5) and Six (6), Block "K", Lund's Addition to the Village of Withee, Part of Outlot One (1) commencing 16 feet West of the Southwest corner of Lot Seven (7), Block "K", Lund's Addition on the North line of Mill Street, thence West 200 feet, thence North 150 feet, thence East 200 feet, thence South 150 feet to the point of beginning, Village of Withee, the North 100 feet of the South 133 feet of the West 150 feet of the Southwest Quarter of the Northwest Quarter (SW¼-NW¼), Section Thirty-five (35), lying East of Stockwell Street and South of Outlot Two (2), W.C. Tuft's Addition to the Village of Withee and that part of the Northeast Quarter of the Northeast Quarter (NE¼-NE¼), Section Thirty-four (34), lying East of the continued line of Pine Street and North of the original line of the Village of Withee, except that parcel described in Volume 141 D 581 and Volume 125 D 264 and in Deeds 174 page 590 and except parcel described in 294 R 441 sold to the Village of Withee for street purposes, Village of Withee;

ALL in Township Twenty-nine (29) North, Range Two (2) West.

25×10 32×10

# Hixon 34 SE-NE
## Village of Withee




*Page Locator*

N

0 137.5 275
Feet

Parcels Outside Withee

Village of Withee

PLSS

| PIN * | | | DOCNO |
|---|---|---|---|
| 191.0079.000 | / , | / | , 805 / 37 |
| 191.0080.000 | / , | / | , 585 / 583 |
| 191.0081.000 | / , | / | , 585 / 583 |
| 191.0149.008 | / , | / | , 674 / 887 |
| 191.0149.009 | / , | / | , 626 / 23 |
| 191.0163.000 | / , | / | , 626 / 101 |
| 191.0164.000 | / , | / | , 805 / 37 |
| 191.0165.000 | / , | / | , 541 / 806 |

Air Photo Date: May 2005

Printed: 4/8/2011

This map was prepared by the Clark County Land Information Office. Information is believed correct but is ADVISORY only. It is based on public records believed to be reliable, but Clark County distributes this information on an 'AS IS' basis. No warranties are implied. For further information, contact:
Clark County Land Information Office,
Courthouse Room 204,
Neillsville, WI
(715) 743-5130

April 26, 2011

Re: Former Pogo's Hardware
PECFA #54498-9789-16
BRRTS #03-10-201999
516 West Mill Street
Withee, WI 54498

**Clark County Register of Deeds:**

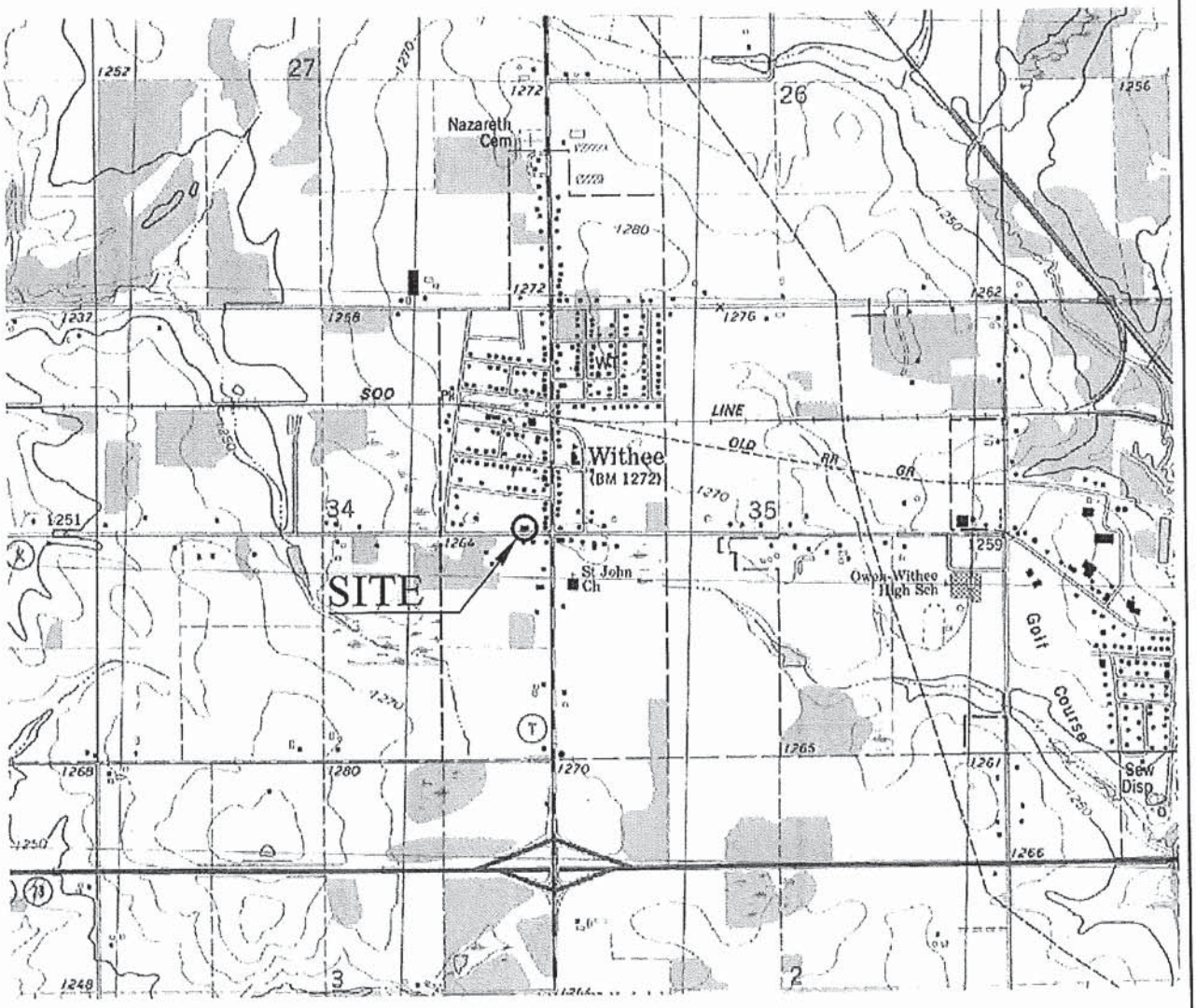
**Part of Outlot 1, Commencing 16 Feet West of the Southwest Corner of Lot 7, Block K, Lund's Addition on the North Line of Mill Street, Thence West 200 Feet, thence North 150 feet, thence East 200 feet, thence South 150 feet to the point of beginning, Village of Withee**

I have reviewed the above referenced legal description, and hereby certify that it is correct for the Former Pogo's Hardware site.

Allan Niemi 5-2-11 Date
Allan Niemi

RECEIVED
MAY 06 2011

**REI**
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING




SCALE 1:24 000

1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MN GN
1½° 27 MILS
1°43' 31 MILS

UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

OWEN, WIS.
NE/4 OWEN 15' QUADRANGLE
N4452.5-W9030/7.5

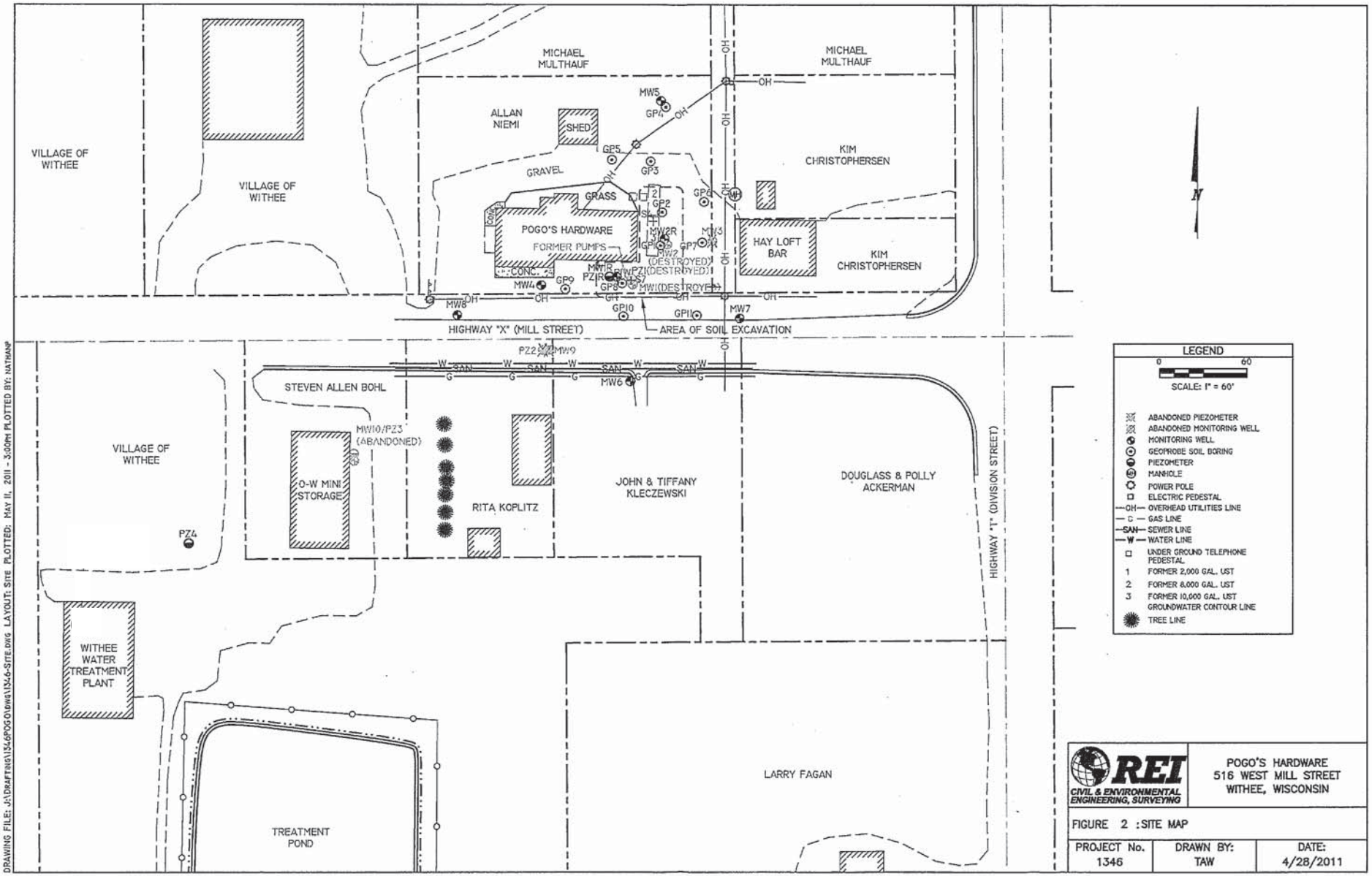
1982

DMA 2873 I NE-SERIES V861

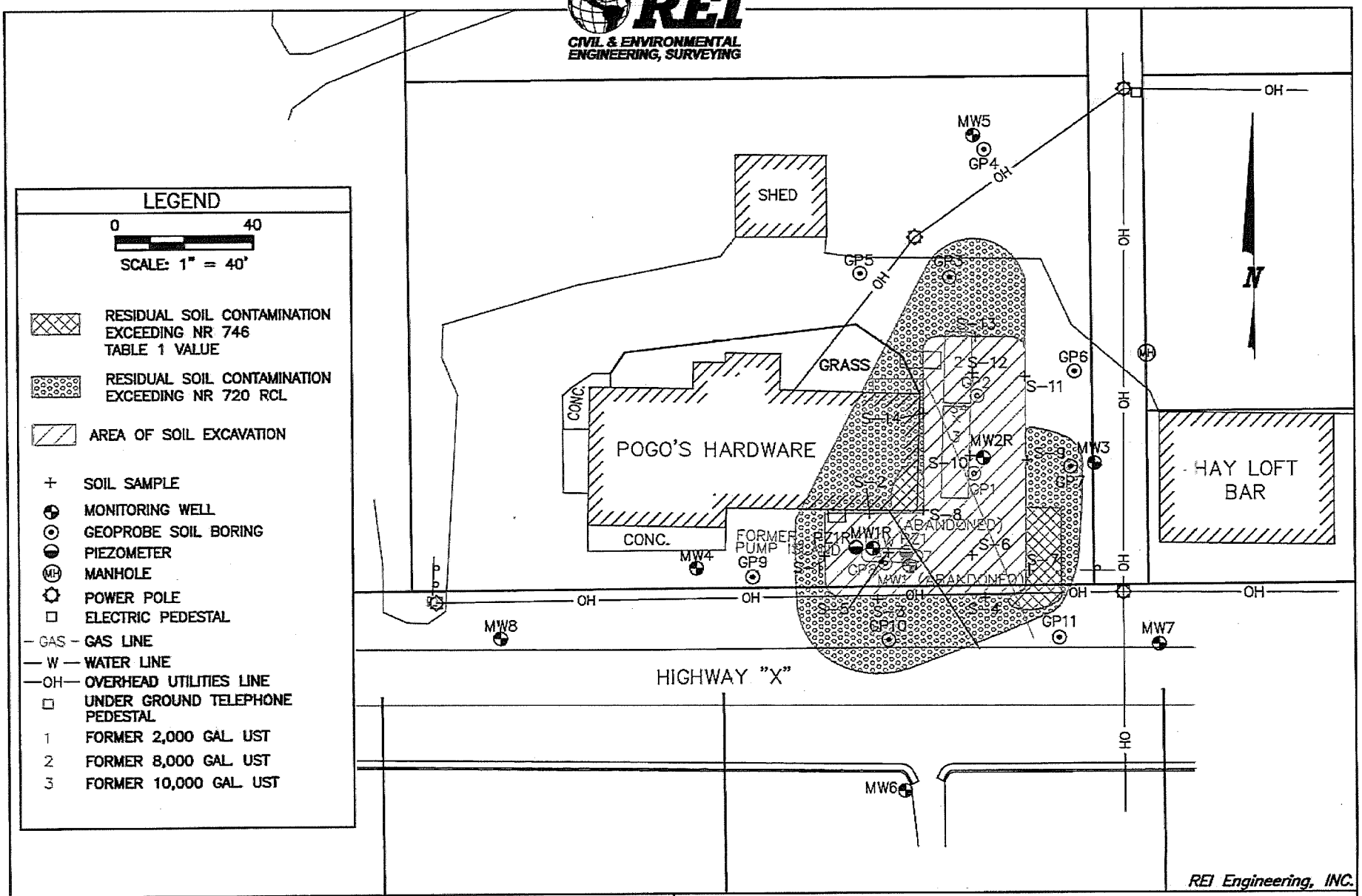
*REI Engineering, INC.*

| POGO'S HARDWARE<br>516 WEST MILL STREET<br>WITHEE, WISCONCIN | FIGURE 1 : SITE VICINITY MAP | | |
|---|---|---|---|
| | PROJECT NO. 1346 | DRAWN BY: NAP | DATE: 05/05/11 |

DRAWING FILE: J:\DRAFTING\1346POGO\DWG\1346-VICN.DWG LAYOUT: LAYOUT1 PLOTTED: MAY 05, 2011 - 1:12PM PLOTTED BY: NATHANP


VILLAGE OF WITHEE
VILLAGE OF WITHEE
MICHAEL MULTHAUF
MICHAEL MULTHAUF
ALLAN NIEMI
SHED
GRAVEL
GRASS
POGO'S HARDWARE
FORMER PUMPS
CONC.
KIM CHRISTOPHERSEN
HAY LOFT BAR
KIM CHRISTOPHERSEN
MW5
GP4
GP5
GP3
GP6
GP2
MW2R
GP1
GP7
MW3
MW2 (DESTROYED)
MW1R
PZ1R
GP8
PZ1 (DESTROYED)
MW1 (DESTROYED)
MW4
GP9
MW8
GP10
GP11
MW7
HIGHWAY "X" (MILL STREET)
AREA OF SOIL EXCAVATION
PZ2
MW9
MW6
STEVEN ALLEN BOHL
MW10/PZ3 (ABANDONED)
O-W MINI STORAGE
RITA KOPLITZ
JOHN & TIFFANY KLECZEWSKI
DOUGLASS & POLLY ACKERMAN
HIGHWAY "T" (DIVISION STREET)
VILLAGE OF WITHEE
PZ4
WITHEE WATER TREATMENT PLANT
TREATMENT POND
LARRY FAGAN
N
LEGEND
0 60
SCALE: 1" = 60'
ABANDONED PIEZOMETER
ABANDONED MONITORING WELL
MONITORING WELL
GEOPROBE SOIL BORING
PIEZOMETER
MANHOLE
POWER POLE
ELECTRIC PEDESTAL
OH OVERHEAD UTILITIES LINE
G GAS LINE
SAN SEWER LINE
W WATER LINE
UNDER GROUND TELEPHONE PEDESTAL
1 FORMER 2,000 GAL. UST
2 FORMER 8,000 GAL. UST
3 FORMER 10,000 GAL. UST
GROUNDWATER CONTOUR LINE
TREE LINE
REI CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING
POGO'S HARDWARE
516 WEST MILL STREET
WITHEE, WISCONSIN
FIGURE 2 : SITE MAP
PROJECT No. 1346
DRAWN BY: TAW
DATE: 4/28/2011
DRAWING FILE: J:\DRAFTING\1346POGO\DWG\1346-SITE.DWG LAYOUT: SITE PLOTTED: MAY 11, 2011 - 3:00PM PLOTTED BY: NATHANP

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



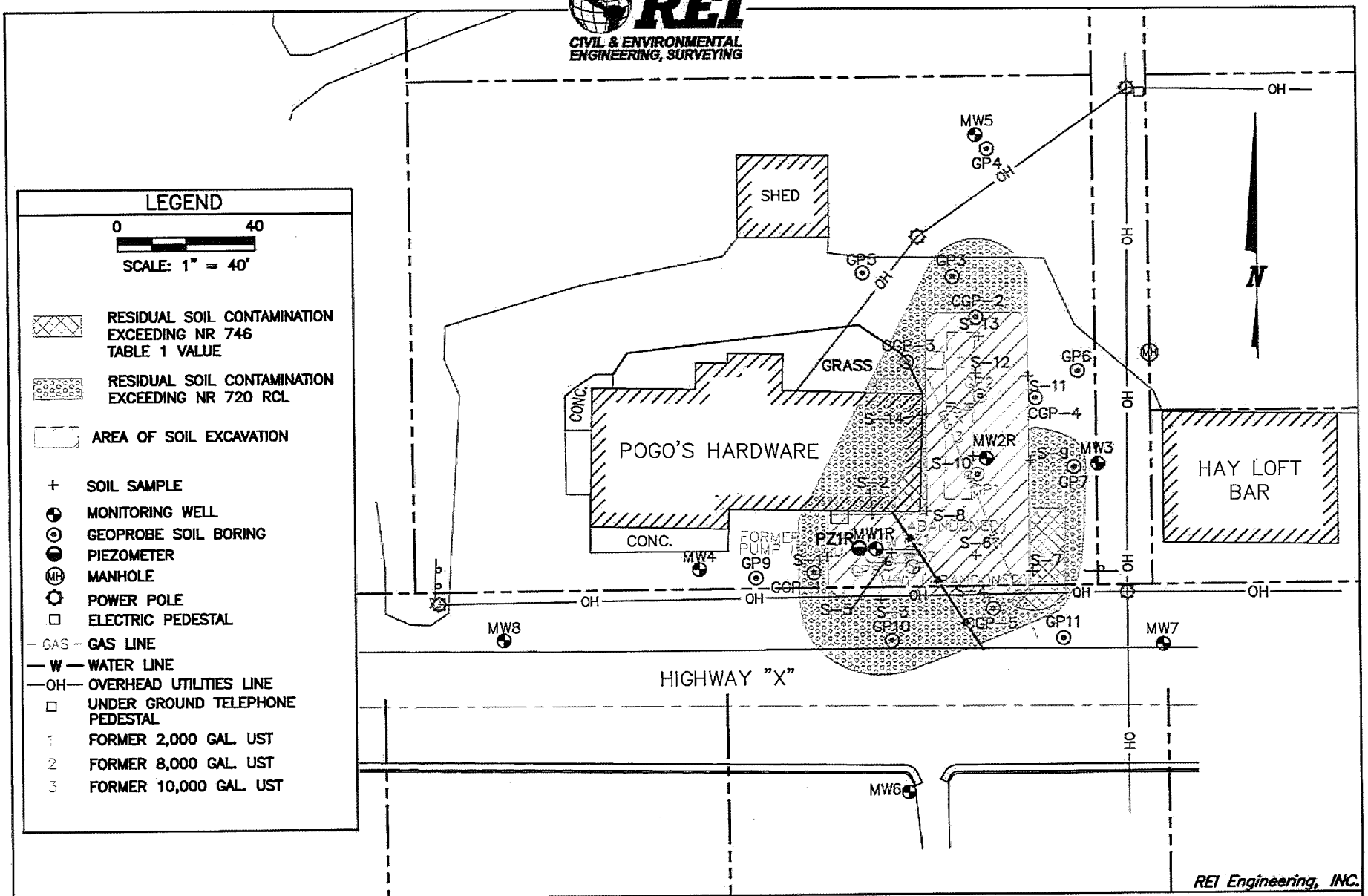

POGO'S HARDWARE
516 WEST MILL STREET
WITHEE, WISCONSIN

FIGURE 4: AREA OF EXCAVATION & RESIDUAL SOIL CONTAMINATION

| PROJECT NO. | DRAWN BY: | DATE: |
|---|---|---|
| 1346 | NAP | 05/05/11 |

DRAWING FILE: J:\Drafting\1346POGO\dwg\1346SOILCONTAM.dwg LAYOUT: Layout1 PLOTTED: May 05, 2011 – 2:39pm PLOTTED BY: nathanp

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

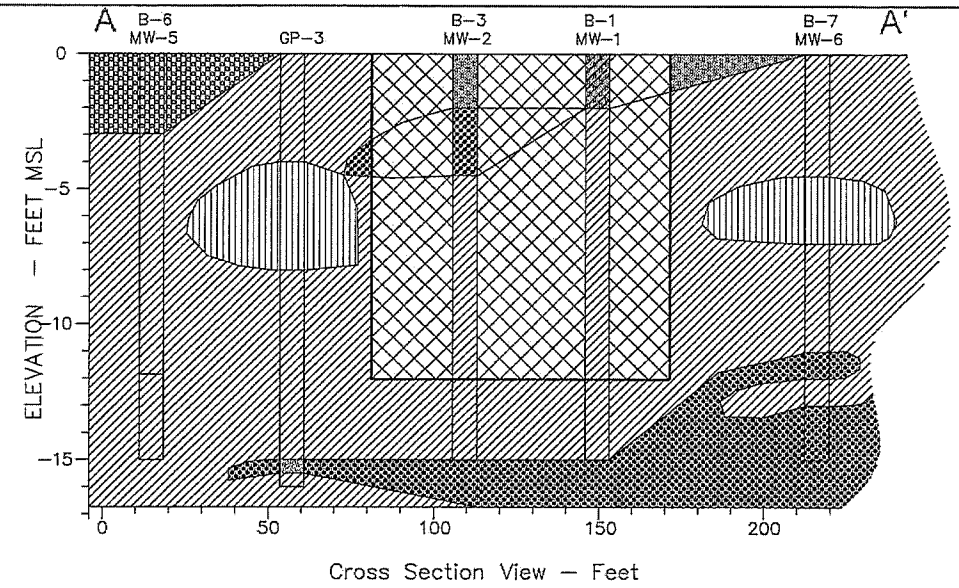


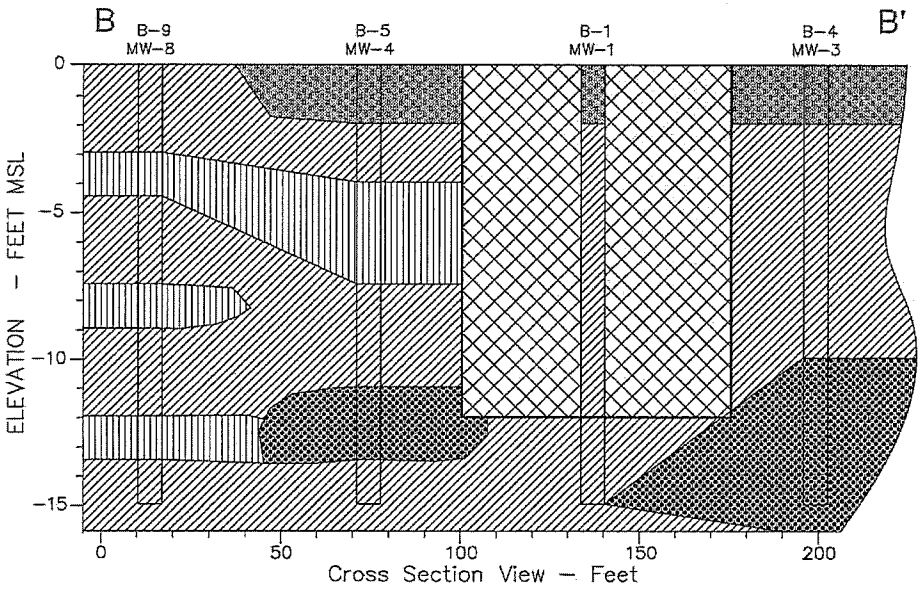

POGO'S HARDWARE
516 WEST MILL STREET
WITHEE, WISCONSIN

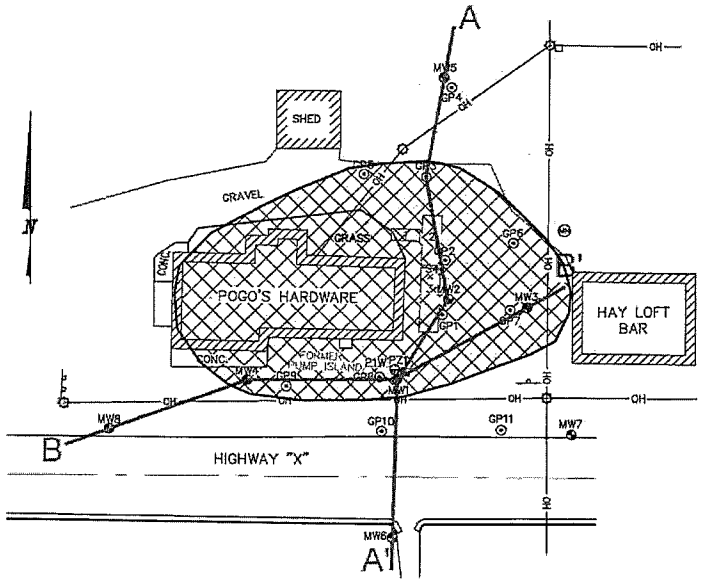
FIGURE 2 : AREA RESIDUAL SOIL CONTAMINATION

| PROJECT NO. | DRAWN BY: | DATE: |
|---|---|---|
| 1346 | NAP | 9/20/2011 |

DRAWING FILE: J:\Drafting\1346POGO\dwg\1346SOILCONTAM-CGP.dwg LAYOUT: EXCAV PLOTTED: Sep 20, 2011 - 10:55am PLOTTED BY: toddw




- —AREA OF EXCAVATION
- (GW)—WELL GRADED GRAVELS OR GRAVEL—SAND MIXTURES, LITTLE OR NO FINES (NON—UNIFORM GRAIN SIZE)
- (SP)—POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES (UNIFORM GRAIN SIZE)
- (SM)—SILTY SANDS, SAND—SILT MIXTURE
- (SC)—CLAYEY SANDS, SAND—SILT MIXTURES
- (ML)—INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
- (CL)—INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS

REI CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

POGO'S HARDWARE
516 WEST MILL STREET
WITHEE, WISCONSIN

FIGURE 3 : CROSS SECTION A-A'; B-B'

| PROJECT No. | DRAWN BY: | DATE: |
|---|---|---|
| 1346 | NAP | 05/05/11 |

REI Engineering, INC.

DRAWING FILE: J:\DRAFTING\1346\POGO\DWG\1346XSEC.DWG LAYOUT: LAYOUT1 PLOTTED: MAY 05, 2011 - 2:17PM PLOTTED BY: NATHANP

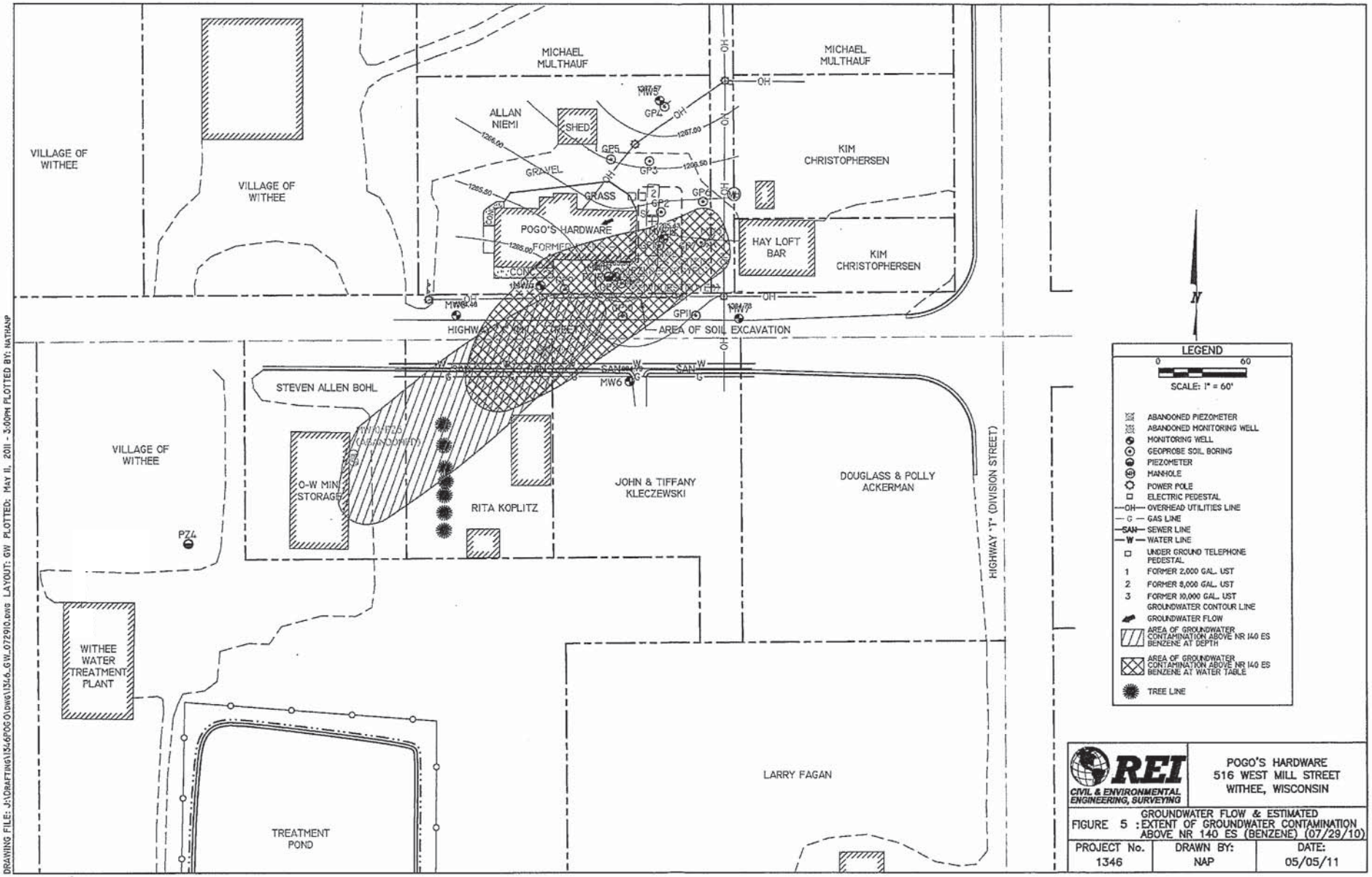

VILLAGE OF WITHEE
VILLAGE OF WITHEE
MICHAEL MULTHAUF
MICHAEL MULTHAUF
ALLAN NIEMI
SHED
GRAVEL
GRASS
POGO'S HARDWARE
FORMER
CONC.
KIM CHRISTOPHERSEN
HAY LOFT BAR
KIM CHRISTOPHERSEN
HIGHWAY "T" (MILL STREET)
AREA OF SOIL EXCAVATION
STEVEN ALLEN BOHL
VILLAGE OF WITHEE
O-W MINI STORAGE
RITA KOPLITZ
JOHN & TIFFANY KLECZEWSKI
DOUGLASS & POLLY ACKERMAN
HIGHWAY "T" (DIVISION STREET)
WITHEE WATER TREATMENT PLANT
TREATMENT POND
LARRY FAGAN
MW5
GP4
GP5
GP3
GP2
GP6
MW4
MW3
MW2
GP1
MW6
PZ4
1266.00
1265.50
1265.00
1267.00
1266.50
N
LEGEND
0 60
SCALE: 1" = 60'
ABANDONED PIEZOMETER
ABANDONED MONITORING WELL
MONITORING WELL
GEOPROBE SOIL BORING
PIEZOMETER
MANHOLE
POWER POLE
ELECTRIC PEDESTAL
OH — OVERHEAD UTILITIES LINE
G — GAS LINE
SAN — SEWER LINE
W — WATER LINE
UNDER GROUND TELEPHONE PEDESTAL
1 FORMER 2,000 GAL. UST
2 FORMER 8,000 GAL. UST
3 FORMER 10,000 GAL. UST
GROUNDWATER CONTOUR LINE
GROUNDWATER FLOW
AREA OF GROUNDWATER CONTAMINATION ABOVE NR 140 ES BENZENE AT DEPTH
AREA OF GROUNDWATER CONTAMINATION ABOVE NR 140 ES BENZENE AT WATER TABLE
TREE LINE
REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING
POGO'S HARDWARE
516 WEST MILL STREET
WITHEE, WISCONSIN
GROUNDWATER FLOW & ESTIMATED
FIGURE 5 : EXTENT OF GROUNDWATER CONTAMINATION ABOVE NR 140 ES (BENZENE) (07/29/10)
PROJECT No. 1346
DRAWN BY: NAP
DATE: 05/05/11
DRAWING FILE: J:\DRAFTING\1346\POGO\DWG\1346_GW_072910.DWG LAYOUT: GW PLOTTED: MAY 11, 2011 - 3:00PM PLOTTED BY: NATHANP

**TABLE 1a**
**Geoprobe Soil Analytical Results**
**Pogo's Hardware**
**Withee, Wisconsin**

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Date–>* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* |
| | *Sample–>* | *GP-1* | *GP-1* | *GP-2* | *GP-2* | *GP-3* | *GP-3* | *GP-4* | *GP-4* | *GP-5* | *GP-5* | *GP-6* | *GP-6* | *GP-7* | *GP-7* | *GP-8* |
| | *Sample Depth–(Feet)>* | *6-8* | *8-10* | *10-12* | *14-16* | *4-6* | *14-16* | *4-6* | *10-12* | *2-4* | *10-12* | *10-12* | *14-16* | *8-10* | *12-14* | *4-6* |
| **Detected PVOC's (ug/kg)** | RCL | | | | | | | | | | | | | | | |
| Benzene | 5.5 | **79.5** | **4290** | **1960** | **3560** | **4020** | **4170** | <25 | <25 | <25 | <25 | <25 | <25 | **743** | **1780** | **187000** |
| Ethylbenzene | 2,900 | 287 | **8980** | 1370 | 366 | 882 | 453 | <25 | <25 | 51 | <25 | <25 | <25 | 704 | **5560** | **220000** |
| Toluene | 1,500 | 302 | **6160** | **2140** | 100 | 1280 | 332 | <25 | <25 | 80.1 | <25 | <25 | <25 | 300 | **1580** | **796000** |
| Xylenes (Total) | 4,100 | 690 | **14220** | **6140** | 198.2 | 1310 | 807 | <50 | <50 | <50 | <50 | <50 | <50 | 1375 | **9790** | **1031000** |
| Methly tert Butyl Ether | NS | <25 | <1000 | <100 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <400 | <10000 |
| 1,2,4-Trimethylbenzene | NS | 352 | 40100 | 3270 | 149 | 648 | 275 | <25 | <25 | <25 | <25 | <25 | <25 | 646 | 14800 | 442000 |
| 1,3,5-Trimethylbenzene | NS | 154 | 11600 | 753 | 56.3 | 294 | 71.1 | <25 | <25 | <25 | <25 | <25 | <25 | 204 | 3400 | 105000 |
| **PAH's (ug/kg)** | | | | | | | | | | | | | | | | |
| Naphthalene | 20,000 | 574 | 703 | 32.8 | <1.4 | 8.98 | 3.56 | <1.42 | <1.42 | <1.42 | <1.42 | <1.42 | <1.42 | 152 | 168 | **42700** |
| Acenapthylene | 18,000 | <1.12 | <1.47 | <1.13 | <1.17 | 1.23 | <1.16 | <1.18 | <1.18 | <1.18 | <1.18 | <1.18 | <1.18 | <1.15 | <1.18 | <12 |
| 1-Methyl Naphthalene | 1,100 | **2510** | **2970** | 170 | <4.31 | 8.22 | <4.28 | <4.37 | <4.37 | <4.37 | <4.37 | <4.37 | <4.37 | 170 | 176 | **21400** |
| 2-Methyl Naphthalene | 600,000 | 4080 | 5170 | 336 | <5.01 | 18.9 | 5.49 | <5.08 | <5.08 | <5.08 | <5.08 | <5.08 | <5.08 | 487 | 424 | 62,900 |
| Acenaphthene | 900,000 | 136 | <4.27 | <3.29 | <3.38 | <3.56 | <3.36 | <3.43 | <3.43 | <3.43 | <3.43 | <3.43 | <3.43 | 20.4 | <3.43 | 4460 |
| Fluorene | 600,000 | 525 | 510 | 26.4 | <3.15 | <3.31 | <3.13 | <3.19 | <3.19 | <3.19 | <3.19 | <3.19 | <3.19 | 18.7 | 24 | 1140 |
| Phenanthrene | 18,000 | 1620 | 1230 | 81.9 | <2.56 | <2.7 | <2.55 | <2.6 | <2.6 | 14.2 | <2.6 | <2.6 | <2.6 | 55.8 | 72.5 | 555 |
| Anthracene | 5,000,000 | <3.6 | <4.71 | <3.63 | <3.73 | <3.93 | <3.7 | <3.78 | <3.78 | <3.78 | <3.78 | <3.78 | <3.78 | <3.69 | <3.78 | <38.5 |
| Fluoranthene | 600,000 | <2.92 | <3.83 | <2.95 | <3.03 | <3.19 | <3.01 | <3.07 | <3.07 | <3.07 | <3.07 | <3.07 | <3.07 | <3 | <3.07 | <31.3 |
| Pyrene | 500,000 | <4.16 | <5.45 | <4.2 | <4.31 | <4.54 | <4.28 | <4.37 | <4.37 | <4.37 | <4.37 | <4.37 | 11.9 | <4.27 | <4.37 | <44.5 |
| Benzo (a) Anthracene | 88 | <1.57 | <2.06 | <1.59 | <1.63 | <1.72 | <1.62 | <1.65 | <1.65 | <1.65 | <1.65 | <1.65 | <1.65 | <1.61 | 6.86 | <16.8 |
| Chrysene | 8,800 | <1.8 | <2.36 | <1.81 | <1.86 | <1.96 | <1.85 | <1.89 | <1.89 | 3.66 | <1.89 | <1.89 | <1.89 | <1.85 | <1.89 | <19.2 |
| Benzo (b) Fluoranthene | 88 | <2.7 | <3.53 | <2.72 | <2.8 | <2.94 | <2.78 | <2.84 | <2.84 | <2.84 | <2.84 | <2.84 | <2.84 | <2.77 | <2.84 | <28.8 |
| Benzo (k) Fluoranthene | 880 | <2.7 | <3.53 | <2.72 | <2.8 | <2.94 | <2.78 | <2.84 | <2.84 | <2.84 | <2.84 | <2.84 | <2.84 | <2.77 | <2.84 | <28.8 |
| Benzo (a) Pyrene | 8.8 | <4.61 | <6.04 | <4.65 | <4.78 | <5.03 | <4.75 | <4.85 | <4.85 | <4.85 | <4.85 | <4.85 | <4.85 | <4.73 | <4.85 | <49.3 |
| Dibenzo (a,h) Anthracene | 8.8 | <3.82 | <5.01 | <3.85 | <3.96 | <4.17 | <3.94 | <4.02 | <4.02 | <4.02 | <4.02 | <4.02 | <4.02 | <3.92 | <4.02 | <40.9 |
| Benzo (g,h,i) Perylene | 1,800 | <3.6 | <4.71 | <3.63 | <3.73 | <3.93 | <3.7 | <3.78 | <3.78 | <3.78 | <3.78 | <3.78 | <3.78 | <3.69 | <3.78 | <38.5 |
| Indeno (1,2,3-cd) Pyrene | 88 | <3.15 | <4.12 | <3.17 | <3.26 | <3.44 | <3.24 | <3.31 | <3.31 | <3.31 | <3.31 | <3.31 | <3.31 | <3.23 | <3.31 | <33.7 |
| **GRO (mg/kg)** | 100 | 25.8 | **2460** | 78.3 | 7.52 | 25.6 | 9.42 | <5.91 | <5.88 | 14.6 | <5.61 | <5.85 | <5.84 | 28.6 | **374** | **14900** |
| **DRO (mg/kg)** | 100 | **163** | **1110** | 72.7 | <5.83 | <6.13 | <5.79 | <5.91 | <5.88 | <6.56 | <5.61 | <5.85 | <5.84 | 35.9 | 8.32 | **3110** |
| **Lead (mg/kg)** | NS | 8.53 | 5.80 | 2.71 | 2.16 | 5.75 | 2.64 | 6.24 | 2.52 | 25.7 | 2.66 | 3.52 | 3.35 | 9.39 | 2.77 | 26.6 |

*Notes:*

RCL - NR 720 Soil Residual Contaminant Level
< - Concentration below listed Detection Limit
RCL exceedences are bold **Bold**

F:\REISHARE\DELFORGE\1346Pogo's\1346final\[1346tbls.xlsx]geoprobe soil

**TABLE 1a (Continued)**
**Geoprobe Soil Analytical Results**
**Pogo's Hardware**
**Withee, Wisconsin**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | *Date-->* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* | *11/5/99* |
| | *Sample-->* | *GP-8* | *GP-9* | *GP-9* | *GP-10* | *GP-10* | *GP-11* | *GP-11* |
| | *Sample Depth--(Feet)>* | *12-14* | *4-6* | *12-14* | *8-10* | *10-12* | *4-6* | *10-12* |
| **Detected PVOC's (ug/kg)** | RCL | | | | | | | |
| Benzene | 5.5 | **92700** | <25 | **40.6** | **5410** | **1620** | <25 | <25 |
| Ethylbenzene | 2,900 | **122000** | <25 | <25 | **6550** | 935 | <25 | <25 |
| Toluene | 1,500 | **429000** | <25 | 47.7 | **3130** | 437 | <25 | <25 |
| Xylenes (Total) | 4,100 | **572000** | <50 | <50 | 18.567 | 1.749 | <50 | <50 |
| Methly tert Butyl Ether | NS | <5000 | <25 | <25 | <400 | <25 | <25 | <25 |
| 1,2,4-Trimethylbenzene | NS | 255000 | <25 | <25 | 19700 | 2020 | <25 | <25 |
| 1,3,5-Trimethylbenzene | NS | 58000 | <25 | <25 | 5300 | 675 | <25 | <25 |
| **PAH's (ug/kg)** | | | | | | | | |
| Naphthalene | 20,000 | 2780 | <1.42 | <1.42 | 27.8 | 12.5 | 1.89 | <1.33 |
| Acenapthylene | 18,000 | <1.21 | <1.18 | <1.18 | <1.18 | <1.12 | <1.06 | <1.11 |
| 1-Methyl Naphthalene | 1,100 | **2390** | <4.37 | <4.37 | 41.6 | 11.7 | <3.91 | <4.11 |
| 2-Methyl Naphthalene | 600,000 | 5920 | <5.08 | <5.08 | 94.2 | 28.9 | <4.54 | <4.78 |
| Acenaphthene | 900,000 | 250 | <3.43 | <3.43 | <3.42 | <3.26 | <3.06 | <3.22 |
| Fluorene | 600,000 | 100 | <3.19 | <3.19 | <3.18 | <3.04 | <2.85 | <3 |
| Phenanthrene | 18,000 | 167 | <2.6 | <2.6 | 2.84 | <2.47 | 15 | <2.44 |
| Anthracene | 5,000,000 | <3.86 | <3.78 | <3.78 | <3.77 | <3.6 | 15.9 | <3.56 |
| Fluoranthene | 600,000 | <3.14 | <3.07 | <3.07 | <3.06 | <2.92 | 88.2 | <2.89 |
| Pyrene | 500,000 | <4.47 | <4.37 | <4.37 | <4.36 | <4.16 | 50.2 | <4.11 |
| Benzo (a) Anthracene | 88 | <1.69 | <1.65 | <1.65 | <1.65 | <1.57 | 15.1 | <1.56 |
| Chrysene | 8,800 | <1.93 | <1.89 | <1.89 | <1.88 | <1.8 | 14.4 | <1.78 |
| Benzo (b) Fluoranthene | 88 | <2.9 | <2.84 | <2.84 | <2.83 | <2.7 | 58.7 | <2.67 |
| Benzo (k) Fluoranthene | 880 | <2.9 | <2.84 | <2.84 | <2.83 | <2.7 | 11.2 | <2.67 |
| Benzo (a) Pyrene | 8.8 | <4.95 | <4.85 | <4.85 | <4.83 | <4.61 | **22.6** | <4.56 |
| Dibenzo (a,h) Anthracene | 8.8 | <4.11 | <4.02 | <4.02 | <4 | <3.82 | **9.32** | <3.78 |
| Benzo (g,h,i) Perylene | 1,800 | <3.86 | <3.78 | <3.78 | <3.77 | <3.6 | 27.9 | <3.56 |
| Indeno (1,2,3-cd) Pyrene | 88 | <3.38 | <3.31 | <3.31 | <3.3 | <3.15 | 26.4 | <3.11 |
| **GRO (mg/kg)** | 100 | **8650** | <5.96 | <5.93 | **576** | 92.9 | <5.28 | <5.56 |
| **DRO (mg/kg)** | 100 | **1690** | <5.96 | <5.93 | 58.3 | 16.3 | 10.9 | <5.56 |
| **Lead (mg/kg)** | NS | 20.3 | 8.65 | 0.902 | 6.15 | 2.49 | 11.8 | 1.13 |

*Notes:*
RCL - NR 720 Soil Residual Contaminant Level
< - Concentration below listed Detection Limit
RCL exceedences are bold **Bold**

F:\REISHARE\DELFORGE\1346Pogo's\1346final\[1346tbls.xlsx]geoprobe soil (continued)

**Table 1b**
**Monitoring Well Soil Analytical Results**
**Pogo's Hardware**
**Withee, Wisconsin**

| | *Date-->* | *12/7/99* | *12/7/99* | *12/7/99* | *12/7/99* | *12/7/99* | *12/7/99* | *12/8/99* | *12/8/99* | *12/8/99* | *12/8/99* | *3/2/00* | *3/2/00* | *3/2/00* | *3/2/00* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Sample-->* | *MW1* | *MW1* | *MW2* | *MW2* | *MW3* | *MW3* | *MW4* | *MW4* | *MW6* | *MW6* | *MW7* | *MW7* | *MW8* | *MW8* |
| | *Sample Depth--(Feet)>* | *2.5-4.5* | *5-7* | *2.5-4.5* | *5-7* | *2.5-4.5* | *5-7* | *7.5-9.5* | *12.5-14.5* | *7.5-9.5* | *12.5-14.5* | *2.5-4.5* | *10-12* | *2.5-4.5* | *7.5-9.5* |
| **Detected PVOC's (ug/kg)** | RCL | | | | | | | | | | | | | | |
| Benzene | 5.5 | **74,600** | **13,100** | **5,200** | **18,200** | <25 | <25 | **207** | **191** | <25 | <25 | <25 | <25 | <25 | <25 |
| Ethylbenzene | 2,900 | **124,000** | **18,900** | **25,800** | **38,300** | <25 | <25 | **1,000** | 2.37 | <25 | <25 | <25 | <25 | <25 | <25 |
| Toluene | 1,500 | **307,000** | **49,900** | **8,140** | **14,900** | <25 | <25 | 25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 |
| Xylenes (Total) | 4,100 | **459,000** | **82,300** | **35,300** | **86,000** | <50 | <50 | 761 | 2,699 | <50 | <50 | <50 | <50 | <50 | <50 |
| Methly tert Butyl Ether | NS | <4000 | <400 | <1040 | <2000 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <25 |
| 1,2,4-Trimethylbenzene | NS | 215,000 | 42,700 | 49,100 | 82,200 | <25 | <25 | 195 | 1,250 | <25 | <25 | <25 | <25 | <25 | <25 |
| 1,3,5-Trimethylbenzene | NS | 60,100 | 11,700 | 14,900 | 21,000 | <25 | <25 | 740 | 2,120 | <25 | <25 | <25 | <25 | <25 | <25 |
| **PAH's** | | | | | | | | | | | | | | | |
| Naphthalene | 20,000 | 6710 | 418 | 690 | 4180 | <1.46 | NA | 1.55 | <1.46 | <1.46 | <1.46 | <4.83 | <4.44 | <4.82 | <4.48 |
| Acenapthylene | 18,000 | <1.14 | <1.11 | <1.22 | <1.22 | <1.22 | <1.22 | <1.16 | <1.22 | <1.22 | <1.22 | <5.2 | <4.78 | <5.19 | <4.82 |
| 1-Methyl Naphthalene | 1,100 | **4690** | 781 | 679 | **4910** | <4.5 | <4.5 | 11.6 | <4.5 | <4.5 | <4.5 | <3.59 | <3.3 | <3.58 | <3.33 |
| 2-Methyl Naphthalene | 600,000 | 1090 | 1700 | 1630 | 9890 | <5.23 | <5.23 | 27.8 | <5.23 | <5.23 | <5.23 | <2.85 | <2.62 | <2.84 | <2.64 |
| Acenaphthene | 900,000 | <3.29 | <3.23 | <3.53 | <3.28 | <3.53 | <3.53 | <3.36 | <3.53 | <3.53 | <3.53 | <7.68 | <7.06 | <7.66 | <7.12 |
| Fluorene | 600,000 | 136 | 70.5 | 89.7 | 682 | <3.28 | <3.28 | <3.13 | <3.28 | <3.28 | <3.28 | <4.34 | <3.99 | <4.33 | <4.02 |
| Phenanthrene | 18,000 | 295 | 90.3 | 163 | 2480 | <2.68 | <2.68 | <2.55 | <2.68 | <2.68 | <2.68 | 34.6 | <1.82 | <1.98 | <1.84 |
| Anthracene | 5,000,000 | <3.63 | <3.56 | <3.89 | <3.89 | <3.89 | <3.89 | <3.7 | <3.89 | <3.89 | <3.89 | <3.59 | <3.3 | <3.58 | <3.33 |
| Fluoranthene | 600,000 | <2.95 | <2.89 | <3.16 | 36.8 | <3.16 | <3.16 | <3.01 | <3.16 | <3.16 | <3.16 | 524 | <2.96 | 26.9 | <2.99 |
| Pyrene | 500,000 | <4.2 | <4.12 | <4.5 | <4.5 | <4.5 | <4.5 | <4.28 | <4.5 | <4.5 | <4.5 | 566 | <3.53 | 36.1 | 4.55 |
| Benzo (a) Anthracene | 88 | <1.59 | <1.56 | <1.7 | <1.7 | <1.7 | <1.7 | <1.62 | <1.7 | <1.7 | <1.7 | 86.5 | <2.85 | 3.61 | <2.87 |
| Chrysene | 8,800 | <1.82 | <1.78 | <1.95 | <1.94 | <1.95 | <1.95 | <1.85 | <1.95 | <1.95 | <1.95 | 181 | <2.28 | 10.2 | <2.3 |
| Benzo (b) Fluoranthene | 88 | <2.72 | <2.67 | <2.92 | <2.92 | <2.92 | <2.92 | <2.78 | <2.92 | <2.92 | <2.92 | 349 | <1.25 | 23.2 | <1.26 |
| Benzo (k) Fluoranthene | 880 | <2.72 | <2.67 | <2.92 | <2.92 | <2.92 | <2.92 | <2.78 | <2.92 | <2.92 | <2.92 | 86.9 | <1.37 | 4.22 | <1.38 |
| Benzo (a) Pyrene | 8.8 | <4.65 | <4.56 | <4.99 | <4.98 | <4.99 | <4.99 | <4.75 | <4.99 | <4.99 | <4.99 | 143 | <2.62 | 3.61 | 3.72 |
| Dibenzo (a,h) Anthracene | 8.8 | <3.86 | <3.78 | <4.14 | <4.13 | <4.14 | <4.14 | <3.94 | <4.14 | <4.14 | <4.14 | 62.2 | <1.59 | <1.73 | <1.61 |
| Benzo (g,h,i) Perylene | 1,800 | <3.63 | <3.56 | <3.89 | <3.89 | <3.89 | <3.89 | <3.7 | <3.89 | <3.89 | <3.89 | 237 | <1.14 | 11.1 | 2.53 |
| Indeno (1,2,3-cd) Pyrene | 88 | <3.18 | <3.11 | <3.41 | <3.4 | <3.41 | <3.41 | <3.24 | <3.41 | <3.41 | <3.41 | 265 | <1.94 | 12.3 | <1.95 |
| **GRO** | 100 | **7500** | **1590** | **1350** | **2870** | 10.3 | <5.71 | 24.8 | 61.8 | <6.24 | <5.95 | <6.20 | <5.69 | <6.18 | <5.74 |
| **DRO** | 100 | **1730** | **463** | **365** | **1400** | <6.08 | <5.71 | 30.6 | 8.64 | <6.24 | <5.95 | 24.3 | 10.3 | 16.2 | 12.7 |
| **Lead** | NS | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 8.90 | 2.33 | 9.21 | 3.13 |

*Notes:*

PVOC's and PAH are reported in ug/kg. ug/kg is equal to parts-per-billion.
GRO and DRO are reported in mg/kg. mg/kg is equal to parts per million
RCL - NR 720 Soil Residual Contaminant Level
X - Concentration below DL
RCL exceedences are bold **Bold**

F:\REISHARE\DELFORGE\1346Pogo's\1346final\[1346tbls.xlsx]Well Install soil

**TABLE 1c**
**Excavation Soil Analytical Results**
**Pogo's Hardware**
**Withee, Wisconsin**

| | | *Date–>* | *6/10/03* | *6/10/03* | *6/10/03* | *6/10/03* | *6/10/03* | *6/10/03* | *6/10/03* | *6/10/03* | *6/10/03* | *6/11/03* | *6/11/03* | *6/11/03* | *6/11/03* | *6/11/03* | *6/11/03* | *6/11/03* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *Sample–>* | *SP-1** | *SP-2** | *S-1* | *S-2* | *S-3* | *S-4* | *S-5* | *S-6* | *S-7* | *S-8* | *S-9* | *S-10* | *S-11* | *S-12* | *S-13* | *S-14* |
| | | *Sample Depth–(Feet)>* | *4* | *8* | *6* | *6* | *6* | *6* | *12* | *12* | *6* | *6* | *6* | *12* | *6* | *12* | *6* | *6* |
| | | *PID (Instrument Units)* | *489* | *399* | *232* | *219* | *286* | *194* | *250* | *340* | *252* | *389* | *314* | *33.1* | *59.3* | *79.2* | *375* | *24.6* |
| **Detected PVOC's (ug/kg)** | RCL | Table 1 | | | | | | | | | | | | | | | | |
| Benzene | 5.5 | 8,500 | **11,000** | **110,000** | **3,200** | **1,900** | **26,000** | **41,000** | 2,300 | 2,100 | 2,600 | 270 | 5,000 | 35 | 410 | 780 | **12,000** | <25 |
| Ethylbenzene | 2,900 | 4,600 | **7,100** | **46,000** | **62,000** | **16,000** | **60,000** | **84,000** | 650 | 270 | **5,500** | **8,600** | **11,000** | <25 | <25 | 370 | **51,000** | 62 |
| Toluene | 1,500 | 38,000 | **100,000** | **120,000** | **57,000** | **18,000** | **140,000** | **200,000** | 1,100 | 490 | **8,600** | **3,200** | **2,800** | <25 | <25 | 110 | **120,000** | <25 |
| Xylenes (Total) | 4,100 | 42,000 | **318,000** | **225,000** | **289,000** | **89,000** | **333,000** | **380,000** | 2,920 | 1,080 | **27,900** | **42,000** | **16,800** | <75 | <75 | 460 | **257,000** | <75 |
| Methly tert Butyl Ether | NS | | <620 | <500 | <620 | <310 | <620 | <1,000 | <26 | <25 | <120 | <120 | <200 | <25 | <25 | <25 | <500 | <25 |
| 1,2,4-Trimethylbenzene | NS | 83,000 | 180,000 | 110,000 | 170,000 | 58,000 | 170,000 | 220,000 | 1,400 | 230 | 17,000 | 49,000 | 26,000 | <25 | <25 | 190 | 120,000 | 51 |
| 1,3,5-Trimethylbenzene | NS | 11,000 | 59,000 | 32,000 | 55,000 | 17,000 | 53,000 | 65,000 | 430 | 55 | 4,800 | 15,000 | 7,700 | <25 | <25 | 69 | 37,000 | <25 |
| Naphthalene | 20,000 | 2,700 | **25,000** | 17,000 | **23,000** | 9,700 | **22,000** | **33,000** | 280 | 85 | 3,300 | **30,000** | 4,200 | <25 | <25 | 95 | 17,000 | <25 |
| 1,2 - Dichloroethane | | 600 | <620 | <500 | <620 | <310 | <620 | <1,000 | <26 | <25 | <120 | <120 | <200 | <25 | <25 | <25 | <500 | <25 |

*Notes:*

*SP - Samples Representing Treated Soil for Disposal Purposes

RCL - NR 720 Soil Residual Contaminant Level

Table 1 - NR 746 Table 1 Value - Indicates Residual Petroleum Product in Soil Pores

SSRCL - ES Calculated Site Specific Residual Contaminant Level Protective of NR 140 Enforcement Standard in Groundwater

< - Concentration below listed Detection Limit

RCL exceedences are **Bold**

Table 1 exceedances are outlined **Bold**

F:\REISHARE\DELFORGE\1346Pogo's\1346final\[1346tbls.xlsx]excavationsoilcavationsoil

**TABLE 1d**
**Confirmation Geoprobe Soil Analytical Results**
**Pogo's Hardware**
**Withee, Wisconsin**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | *Date-->* | *8/26/11* | *8/26/11* | *8/26/11* | *8/26/11* | *8/26/11* |
| | | *Sample-->* | *CGP1* | *CGP2* | *CGP3* | *CGP4* | *CGP5* |
| | | *Sample Depth--(Feet)>* | *0-4* | *0-4* | *0-4* | *0-4* | *0-4* |
| | | *PID (Instrument Units)* | *4* | *10* | *26* | *2* | *0* |
| **Detected PVOC's (ug/kg)** | RCL | Table 1 | | | | | |
| Benzene | 5.5 | 8,500 | **219** | **465** | **314** | <25.0 | <25.0 |
| Ethylbenzene | 2,900 | 4,600 | 162 | 470 | 430 | <25.0 | <25.0 |
| Toluene | 1,500 | 38,000 | 60.4 | <25.0 | <25.0 | <25.0 | <25.0 |
| Xylenes (Total) | 4,100 | 42,000 | 189 | 123 | 1,056 | <75 | <75 |
| Methly tert Butyl Ether | NS | | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| 1,2,4-Trimethylbenzene | NS | 83,000 | 458 | 84 | 768 | <25.0 | <25.0 |
| 1,3,5-Trimethylbenzene | NS | 11,000 | 158 | 131 | 210 | <25.0 | <25.0 |
| Naphthalene | 400 | 2,700 | 161 | 38.1 | 132 | <25.0 | <25.0 |

*Notes:*

RCL - NR 720 Soil Residual Contaminant Level

Table 1 - NR 746 Table 1 Value - Indicates Residual Petroleum Product in Soil Pores

< - Concentration below listed Detection Limit

RCL exceedences are **Bold**

Table 1 exceedances are outlined **Bold**

**Table 3a**
**Groundwater Analytical Results Summary**
**Pogo's Hardware**
**Withee, Wisconsin**

| | | | Monitoring Well #1/#1R* | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 1/6/2000 | 4/19/2000 | 7/6/2000 | 5/24/2001 | 12/12/2002 | Excavation 6/18/03 | 6/23/03* | 9/30/2003 | 4/19/2004 | 7/21/2004 | 10/25/2004 | 1/27/2005 | 7/27/2005 | 1/17/2006 | 4/9/2008 | 7/23/2008 | 1/30/2009 | 7/23/2009 | 1/20/2010 | 7/29/2010 |
| GRO (ug/L) | | | 50,900 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| DRO (ug/L) | | | 13,900 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Detected VOC's (ug/L) | | | | | | | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | 16,200 | 14,400 | 13,100 | 13,800 | 13,000 | | 6,300 | 6,100 | 2,900 | 2,400 | 3,200 | 2,400 | 1,580 | 510 | 370 | 690 | 1,160 | 814 | 605 | 667 |
| Ethylbenzene | 700 | 140 | 2,730 | 2,680 | 2,040 | 1,400 | 1,800 | | 1,300 | 1,400 | 950 | 730 | 950 | 910 | 690 | *160* | *157* | *302* | *405* | *343* | *294* | *203* |
| Toluene | 1000 | 200 | 16,500 | 19,200 | 17,800 | 17,800 | 18,000 | | 3,600 | 1,200 | 1,900 | *680* | *870* | 1,200 | *290* | 120 | 74.3 | 124 | 356 | *244* | 174 | 40.0 |
| Xylenes (Total) | 10000 | 1000 | *8,620* | *9,420* | *8,830* | *7,100* | *8,100* | | *5,030* | *6,100* | *4,600* | *2,690* | *2,330* | *2,830* | *1,700* | 281 | 260.5 | 429.6 | 968 | 540 | 470 | 210.2 |
| Trimethylbenzene (Total) | 480 | 96 | 1,391 | 2,057 | 2,009 | 1,130 | 1,520 | | 800 | 1,340 | 1,400 | 1,150 | 1,570 | 1,580 | 1,300 | *155* | *164.6* | *292.2* | 513 | 291.5 | 290 | *113.3* |
| MTBE | 60 | 12 | <600.0 | <600 | <600 | <40 | <87 | | <30 | <30 | <24 | <12 | <30 | <15 | *18* | *22* | <10.0 | <10.0 | <12.5 | <10.0 | <5.00 | <0.30 |
| Isopropylbenzene | | | <300.0 | NA | NA | NA | <46 | | NA | NA | NA | NA | NA | NA | NA | NA | 13.40 | 22.5 | 23.3 | 16.9 | 17.0 | 18.8 |
| Naphthalene | 100 | 10 | <1600.0 | NA | <800 | 700 | 300 | | 290 | 390 | 200 | *120* | 290 | 290 | 220 | *24* | *22.7* | *48.3* | *84.3* | *46.9* | *75.5* | *24.2* |
| Bromomethane | 10 | 1 | <200 | <20 | <20 | <20 | <20 | | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | 37.2 | <15.0 | <20.0 | <10.0 | <1.00 |
| Chloromethane | 3 | 0.3 | <800 | <80.0 | <8.00 | <8.00 | <8.00 | | <8.00 | <8.00 | <8.00 | <8.00 | <8.00 | <8.00 | <8.00 | <8.00 | 17.5 | 37.3 | <15.0 | <8.00 | <4.00 | <0.40 |
| 1,2 Dibromo-3-chloropropane | 0.2 | 0.02 | <260 | <26.0 | <26.0 | <26.0 | <26.0 | | <26.0 | <26.0 | <26.0 | <26.0 | <26.0 | <26.0 | <26.0 | <26.0 | NA | 51.4 | <12.5 | <26.0 | <13.0 | <1.30 |
| n-Butylbenzene | | | <300.0 | NA | NA | NA | <65 | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | 5 | 0.5 | <300.0 | NA | 785 | 1200 | 1100 | | <18 | 450 | 210 | 150 | <18 | <9.0 | NA | NA | <6.00 | <6.00 | 23.1 | 15.1 | 10.5 | <0.30 |
| p-Isopropyltoluene | | | <400.0 | NA | NA | NA | <58 | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| sec-Butylbenzene | | | <300.0 | NA | NA | NA | <62 | | NA | NA | NA | NA | NA | NA | NA | NA | <6.00 | <6.00 | <7.50 | <6.00 | <3.00 | <0.30 |
| 1,1-Dichloropropylene | | | <300 | NA | NA | NA | <58 | | NA | NA | NA | NA | NA | NA | NA | NA | 19.4 | <10.0 | <12.5 | <16.0 | <4.00 | <0.80 |
| Detected PAH's (ug/L) | | | | | | | | | | | | | | | | | | | | | | |
| Naphthalene | 100 | 10 | 228 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenaphthylene | | | <0.33 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1-Methyl Naphthalene | | | 54.4 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-Methyl Naphthalene | | | 163 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenaphthene | | | 4.12 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluorene | 400 | 80 | 2.76 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Phenanthrene | | | <0.27 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Anthracene | 3000 | 600 | <0.3 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluoranthene | 400 | 80 | <0.2 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Pyrene | 250 | 50 | <0.37 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Anthracene | | | <0.17 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Chrysene | 0.2 | 0.02 | <0.17 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | <0.13 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (k) Fluoranthene | | | <0.2 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Pyrene | 0.2 | 0.02 | <0.13 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dibenzo (a,h) Anthracene | | | <0.13 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (g,h,i) Perylene | | | <0.2 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Ideno (1,2,3-cd) Pyrene | | | <0.23 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Inorganics (mg/L) | | | | | | | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | 0.467 | 0.746 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Lead (ug/L) | 15 | 1.5 | 67.5 | NA | NA | 120 | 61 | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Nitrate-Nitrogen | 10 | 2 | NA | <0.3 | <0.3 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfate | 250 | 125 | NA | <5.00 | 6.18 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Field Measurements | | | | | | | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | 46.63 | 57.72 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Conductivity (ms/cm) | | | NA | 1987 | 2379 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Oxygen (mg/L) | | | NA | 2.45 | 3.53 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| pH | | | NA | 6.58 | 6.92 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Redox Potential (mV) | | | NA | 107.2 | -5.6 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

* MW1 was removed during excavation and replaced with MW1R on 6/23/03

ES = Enforcement Standards

PAL=Preventive Action Limit

NA=Not Analyzed

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

**Table 3b**
**Groundwater Analytical Results Summary**
**Pogo's Hardware**
**Withee, Wisconsin**

| | | | Monitoring Well #2/#2R* | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 1/6/2000 | 4/19/2000 | 7/6/2000 | 7/17/2001 | 12/12/2002 | Excavation 6/18/03 | 6/27/2003* | 9/30/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/27/2005 | 7/27/2005 | 1/17/2006 | 4/9/2008 | 7/23/2008 | 1/30/2009 | 7/23/2009 | 1/28/2010 | 7/29/2010 |
| GRO (ug/L) | | | 2,800 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | | |
| DRO (ug/L) | | | 9,630 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | | |
| Detected VDC's (ug/L) | | | | | | | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | 345 | 664 | 396 | 2500 | 3000 | | 1700 | 2000 | 1800 | 1580 | 1600 | 1500 | 1000 | 814 | <0.20 | 20.3 | Dry | 164 | 66.7 | 109 |
| Ethylbenzene | 700 | 140 | 94.3 | 324 | 267 | 240 | 130 | | 210 | 1100 | 450 | 330 | 400 | 320 | 450 | 440 | <0.20 | 0.45 | | 70.7 | 55.0 | 79.7 |
| Toluene | 1000 | 200 | 31.9 | 142 | 58.6 | 170 | 26 | | 400 | 33 | 28 | 67 | 16 | 110 | 19 | 17 | <0.40 | <0.40 | | 2.02 | 1.66 | 2.20 |
| Xylenes (Total) | 10000 | 1000 | 137.2 | 736 | 399.3 | 377 | 98 | | 1870 | 1213 | 380 | 320 | 220 | 254 | 172.2 | 71 | <0.60 | <0.60 | | 2.9 | 7.15 | 6.23 |
| Trimethylbenzenes (Total) | 480 | 96 | 82.4 | 467 | 217.1 | 230 | 58 | | 258 | 580 | 195 | 250 | 140 | 217 | 115 | 33.8 | <0.40 | 1.33 | | 4.82 | 10.21 | 12.53 |
| MTBE | 60 | 12 | <15.0 | <15.0 | <15.0 | <12 | <17 | | <5.6 | <6.1 | <15 | <12 | <12 | <12 | 7.7 | 5.0 | <0.50 | <0.50 | | <0.50 | <0.50 | <0.50 |
| Bromomethane | 10 | 1 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <1.00 | 2.11 | | <1.00 | <1.00 | <1.00 |
| Chloroethane | 400 | 80 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <0.60 | 0.98 | | <0.70 | <0.70 | <0.70 |
| Isopropylbenzene | | | 19.9 | NA | NA | NA | 15 | | NA | NA | NA | NA | NA | NA | NA | NA | <0.10 | 0.34 | | 10.6 | 10.8 | 10.4 |
| Naphthalene | 100 | 10 | <40.0 | NA | 157 | 140 | 44 | | NA | 240 | 110 | 170 | 160 | 140 | 66 | 63 | <1.00 | <1.00 | | <1.00 | 1.35 | 5.17 |
| Propylbenzene | | | <1 | <1 | <1 | <1 | <1 | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <0.10 | 0.16 | | 13.1 | 11.5 | 10.3 |
| n-Butylbenzene | | | <7.5 | NA | NA | NA | <13 | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| 1,2-Dichloroethane | 5 | 0.5 | 8.36 | NA | <7.50 | <9.4 | 21 | | NA | 95 | 33 | 62 | <7.2 | <7.2 | NA | NA | <0.30 | <0.30 | | <0.30 | 5.84 | <0.30 |
| p-Isopropyltoluene | | | <10.0 | NA | NA | NA | <12 | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| sec-Butylbenzene | | | <7.5 | NA | NA | NA | <12 | | NA | NA | NA | NA | NA | NA | NA | NA | <0.30 | <0.30 | | <0.30 | <0.30 | <0.30 |
| Detected PAH's (ug/L) | | | | | | | | | | | | | | | | | | | | | | |
| Naphthalene | 100 | 10 | 18.6 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Acenaphthylene | | | <0.1 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| 1-Methyl Naphthalene | | | 14.5 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| 2-Methyl Naphthalene | | | 9.21 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Acenaphthene | | | 0.831 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Fluorene | 400 | 80 | <0.07 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Phenanthrene | | | 2.78 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Anthracene | 3000 | 600 | <0.09 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Fluoranthene | 400 | 80 | <0.06 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Pyrene | 250 | 50 | <0.11 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (a) Anthracene | | | <0.05 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Chrysene | 0.2 | 0.02 | <0.05 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | <0.04 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (k) Fluoranthene | | | <0.06 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (a) Pyrene | 0.2 | 0.02 | <0.04 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Dibenzo (a,h) Anthracene | | | <0.01 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (g,h,i) Perylene | | | <0.06 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Idene (1,2,3-cd) Pyrene | | | <0.07 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Inorganics (mg/L) | | | | | | | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | 10.6 | 10.5 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Dissolved Lead (ug/L) | 15 | 1.5 | 1.75 | NA | NA | 3.1 | 7.9 | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Nitrate-Nitrogen | 10 | 2 | NA | <0.3 | <0.3 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Sulfate | 250 | 125 | NA | <5.00 | <5.00 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Field Measurements | | | | | | | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | 42.85 | 56.75 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Conductivity (ms/cm) | | | NA | 636 | 876 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Dissolved Oxygen (mg/L) | | | NA | 4.19 | 4.48 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| pH | | | NA | 6.57 | 2.24 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Redox Potential (mV) | | | NA | 83.8 | -35.5 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |

* Monitoring well MW2 was removed during excavation and replaced with MW2R on 6/25/03

ES = Enforcement Standards

PAL=Preventive Action Limit

NA=Not Analyzed

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

# Table 3c
## Groundwater Analytical Results Summary
## Pogo's Hardware
## Withee, Wisconsin

| | | | Monitoring Well #3 | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 1/6/2000 | 4/19/2000 | 7/6/2000 | 5/24/2001 | 12/12/2002 | Excavation 6/10/03 | 6/23/2003 | 9/30/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/27/2005 | 7/27/2005 | 1/17/2006 | 4/9/2008 | Damaged beyond repair. Abandoned 5/1/08 |
| GRO (ug/L) | | | 1,510 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| DRO (ug/L) | | | 630 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Detected VOC's (ug/L) | | | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | 975 | 2300 | 31.7 | 8.1 | <0.25 | | 16 | 11 | 1400 | 650 | 280 | 150 | 10 | 69 | 70.5 | |
| Ethylbenzene | 700 | 140 | <50.0 | <50.0 | <2.50 | 0.96 | <0.53 | | 0.68 | 0.79 | <5.4 | <2.7 | <2.7 | <0.54 | <0.54 | <1.4 | 2.23 | |
| Toluene | 1000 | 200 | <40.0 | <40.0 | <2.00 | 0.15 | <0.84 | | <0.67 | <0.67 | <6.7 | <3.4 | <3.4 | <0.67 | <0.67 | <1.7 | 3.62 | |
| Xylenes (Total) | 10000 | 1000 | <55.0 | <55.0 | <2.75 | <0.63 | <1.83 | | <2.63 | <2.63 | <26.3 | <13.1 | <13.1 | <2.63 | <2.63 | <6.6 | <0.60 | |
| Trimethylbenzenes (Total) | 480 | 96 | <55.0 | <55.0 | <2.75 | <0.63 | <1.33 | | <1.80 | <1.80 | <18 | <8.9 | <8.9 | <1.80 | <1.80 | <4.5 | 0.24 | |
| MTBE | 60 | 12 | *33.6* | 61.8 | 4.15 | <0.20 | <0.87 | | 2.1 | 4.2 | <6.1 | 4.3 | <3.0 | <0.61 | <0.61 | <1.5 | <0.50 | |
| Isopropylbenzene | | | <15.0 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | 1.30 | |
| Naphthalene | 100 | 10 | <80.0 | NA | <4.00 | <0.27 | NA | | <0.74 | <0.74 | NA | NA | NA | NA | NA | NA | <1.00 | |
| n-Propylbenzene | | | <15.0 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| n-Butylbenzene | | | <15.0 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| 1,2-Dichloroethane | 5 | 0.5 | 79.2 | NA | 12.4 | *2.1* | *4.7* | | 23 | 37 | 140 | 62 | 38 | 29 | *1.2* | 7.4 | <0.50 | |
| p-Isopropyltoluene | | | <20.0 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| sec-Butylbenzene | | | <15.0 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | <0.30 | |
| Propylbenzene | | | <15.0 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | 1.33 | |
| 1,1,1-Trichloroethane | 200 | 40 | <15.0 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | 0.29 | |
| 1,1-Dichloropropylene | | | <15.0 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | 13.2 | |
| Detected PAH's (ug/L) | | | | | | | | | | | | | | | | | | |
| Napthalene | 100 | 10 | <0.08 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Acenapthylene | | | <0.1 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| 1-Methyl Naphthalene | | | <0.09 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| 2-Methyl Naphthalene | | | <0.08 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Acenapthene | | | <0.1 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Fluorene | 400 | 80 | <0.07 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Phenanthrene | | | <0.08 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Anthracene | 3000 | 600 | <0.09 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Fluoranthene | 400 | 80 | <0.06 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Pyrene | 250 | 50 | <0.11 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Benzo (a) Anthracene | | | <0.05 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Chrysene | 0.2 | 0.02 | <0.05 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | <0.04 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Benzo (k) Fluoranthene | | | <0.06 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Benzo (a) Pyrene | 0.2 | 0.02 | <0.04 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Dibenzo (a,h) Anthracene | | | <0.1 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Benzo (g,h,i) Perylene | | | <0.06 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Ideno (1,2,3-cd) Pyrene | | | <0.07 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Inorganics (mg/L) | | | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | 0.088 | 0.078 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Dissolved Lead (ug/L) | 15 | 1.5 | <1.0 | NA | NA | <0.39 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Nitrate-Nitrogen | 10 | 2 | NA | <0.3 | <0.3 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Sulfate | 250 | 125 | NA | 48.4 | 49.5 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Field Measurements | | | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | 42.04 | 55.83 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Conductivity (ms/cm) | | | NA | 514 | 745 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Dissolved Oxygen (mg/L) | | | NA | 3.32 | 3.80 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| pH | | | NA | 6.41 | 7.52 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| Redox Potential (mV) | | | NA | 130.4 | 23.4 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | |

ES = Enforcement Standards
PAL=Preventive Action Limit
NA=Not Analyzed
X=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

F:\rsi\proj\1300-1399\1340\Reports\Annual\1340Athbcdhe[rsw3

# Table 3d
## Groundwater Analytical Results Summary
## Pogo's Hardware
## Withee, Wisconsin

| | | | Monitoring Well #4 | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 1/6/2000 | 4/19/2000 | 7/6/2000 | 12/12/2002 | Excavation 8/10/03 | 6/23/2003 | 9/30/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/27/2005 | 7/27/2005 | 1/17/2006 | 4/9/2008 | 7/23/2008 | 1/30/2009 | 7/23/2009 | 1/20/2010 | 7/29/2010 |
| GRO (ug/L) | | | 162 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | | |
| DRO (ug/L) | | | 1,700 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | | |
| Detected VOC's (ug/L) | | | | | | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | 9.40 | 12.1 | 9.02 | 0.86 | | 39 | 116 | 23 | 110 | 79 | 38 | 53 | 140 | 4.90 | 16.0 | Dry | 28.7 | 15.8 | 13.2 |
| Ethylbenzene | 700 | 140 | 15.9 | 18.2 | 17.8 | 1.2 | | 54 | 55 | 13 | 160 | 5.4 | 7.0 | 14 | 92 | 1.85 | 5.12 | | 3.35 | 0.65 | 1.65 |
| Toluene | 1000 | 200 | 1.18 | 0.501 | 0.772 | <0.84 | | 0.97 | 3.5 | 1.1 | 7.8 | 4.6 | 0.88 | 2.7 | 4.7 | <0.40 | <0.40 | | <0.40 | <0.40 | <0.40 |
| Xylenes (Total) | 10000 | 1000 | 15.61 | 32.468 | 24.63 | <1.83 | | 3.3 | 7.2 | 3.7 | 20.1 | 3.8 | 2.1 | 3.9 | 14.9 | 4.26 | 1.76 | | 0.53 | 3.37 | 2.37 |
| Trimethylbenzenes (Total) | 480 | 96 | 8.08 | 16.82 | 10.09 | <1.35 | | 0.94 | <1.80 | 4.5 | 3.2 | 0.40 | <0.79 | <0.79 | 10.3 | 1.81 | 1.22 | | 0.21 | 1.82 | 3.78 |
| MTBE | 60 | 12 | 0.809 | <0.3 | <0.3 | <0.87 | | <0.61 | <0.61 | <0.61 | 3.4 | 2.9 | 1.8 | 4.6 | 12 | <0.50 | <0.50 | | <0.50 | <0.50 | <0.50 |
| Isopropylbenzene | | | 1.39 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | 0.84 | 4.62 | | 5.73 | 1.65 | 2.74 |
| Naphthalene | 100 | 20 | 4.66 | NA | NA | NA | | 1.4 | 0.76 | <0.74 | NA | NA | NA | NA | NA | <0.29 | <1.00 | | <1.00 | 1.75 | <1.00 |
| 1,1-Dichloropropylene | | | 3.10 | <0.50 | <0.50 | <0.50 | | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 6.60 | | <0.50 | <0.50 | <0.50 |
| Bromomethane | 10 | 1 | <0.15 | <1.00 | <1.00 | <1.00 | | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | 1.56 | | <1.00 | <1.00 | <1.00 |
| 1,2-Dichloroethane | 5 | 0.5 | 2.63 | NA | 1.86 | 0.84 | | 1.5 | <0.56 | <0.56 | NA | NA | NA | NA | NA | <0.30 | 0.94 | | <0.30 | 0.77 | 0.79 |
| Propylbenzene | | | <0.2 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3.46 | | 4.27 | 0.49 | <0.20 |
| sec-Butylbenzene | | | 0.969 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | <0.30 | <0.30 | | <0.30 | <0.30 | 1.71 |
| Chloromethane | 3 | 0.3 | <0.2 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | 0.87 | <0.40 | | <0.40 | <0.40 | <0.40 |
| Detected PAH's (ug/L) | | | | | | | | | | | | | | | | | | | | | |
| Naphthalene | 100 | 10 | 0.247 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Acenaphthylene | | | <0.1 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| 1-Methyl Naphthalene | | | 0.250 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| 2-Methyl Naphthalene | | | 0.419 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Acenapthene | | | <0.1 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Fluorene | 400 | 80 | <0.07 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Phenanthrene | | | <0.08 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Anthracene | 3000 | 600 | <0.09 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Fluoranthene | 400 | 80 | <0.06 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Pyrene | 250 | 50 | <0.11 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (a) Anthracene | | | <0.05 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Chrysene | 0.2 | 0.02 | <0.05 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | <0.04 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (k) Fluoranthene | | | <0.06 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (a) Pyrene | 0.2 | 0.02 | <0.04 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Dibenzo (a,h) Anthracene | | | <0.1 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (g,h,i) Perylene | | | <0.06 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Ideno (1,2,3-cd) Pyrene | | | <0.07 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Inorganics (mg/L) | | | | | | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | 5.81 | 0.033 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Dissolved Lead (ug/L) | 15 | 1.5 | <1.0 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Nitrate-Nitrogen | 10 | 2 | NA | <0.3 | <0.3 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Sulfate | 250 | 125 | NA | 8.77 | 8.09 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Field Measurements | | | | | | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | 47.32 | 58.37 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Conductivity (ms/cm) | | | NA | 719 | 1051 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Dissolved Oxygen (mg/L) | | | NA | 3.77 | 4.95 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| pH | | | NA | 6.65 | 7.32 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Redox Potential (mV) | | | NA | 99.3 | 32.0 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | NA | NA | NA |

ES = Enforcement Standards
PAL=Preventive Action Limit
NA=Not Analyzed
N=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

# Table 3e
## Groundwater Analytical Results Summary
## Pogo's Hardware
## Withee, Wisconsin

| Monitoring Well #5 | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 1/6/2000 | 4/19/2000 | 7/6/2000 | 12/12/2002 | Excavation 6/10/03 | 6/23/2003 | 9/30/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/17/2006 | 1/30/2009 | 7/23/2009 | 7/29/2010 |
| GRO (ug/L) | | | <50 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| DRO (ug/L) | | | 341 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Detected VOC's (ug/L) | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | 0.177 | <0.15 | <0.15 | <0.45 | | <0.41 | <0.41 | <0.14 | <0.14 | <0.14 | <0.14 | <0.20 | <0.20 | <0.20 |
| Ethylbenzene | 700 | 140 | <0.5 | <0.5 | <0.5 | <0.82 | | <0.54 | <0.54 | <0.40 | <0.40 | <0.40 | <0.40 | <0.20 | <0.20 | <0.20 |
| Toluene | 1000 | 200 | <0.4 | <0.4 | <0.4 | <0.68 | | <0.67 | <0.67 | <0.36 | <0.36 | <0.36 | <0.36 | <0.40 | <0.40 | <0.40 |
| Xylenes (Total) | 10000 | 1000 | <0.55 | <0.55 | <0.55 | <2.47 | | <2.63 | <2.63 | <1.10 | <1.10 | <1.10 | <1.10 | <0.60 | <0.60 | <0.60 |
| Trimethylbenzenes (Total) | 480 | 96 | <0.55 | <0.55 | <0.55 | <1.86 | | <1.80 | <1.80 | <0.79 | <0.79 | <0.79 | <0.79 | <0.40 | <0.40 | <0.40 |
| MTBE | 60 | 12 | <0.3 | <0.3 | <0.3 | <0.43 | | <0.61 | <0.61 | <0.36 | <0.36 | <0.36 | <0.36 | <0.50 | <0.50 | <0.50 |
| Isopropylbenzene | | | <0.15 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | <0.10 | <0.10 | <0.10 |
| Naplthalene | 100 | 10 | <0.8 | NA | NA | NA | | <0.74 | <0.74 | NA | NA | NA | NA | <1.00 | <1.00 | <1.00 |
| n-Propylbenzene | | | <0.15 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| n-Butylbenzene | | | <0.15 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | 5 | 0.5 | <0.15 | NA | NA | NA | | <0.36 | <0.36 | NA | NA | NA | NA | <0.30 | <0.30 | <0.30 |
| p-Isopropyltoluene | | | <0.2 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| sec-Butylbenzene | | | <0.15 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | <0.30 | <0.30 | <0.30 |
| Detected PAH's (ug/L) | | | | | | | | | | | | | | | | |
| Napthalene | 100 | 10 | <0.08 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenapthylene | | | <0.1 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1-Methyl Naphthalene | | | <0.09 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-Methyl Naphthalene | | | <0.08 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenapthene | | | <0.1 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluorene | 400 | 80 | <0.07 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Phenanthrene | | | <0.08 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Anthracene | 3000 | 600 | <0.09 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluoranthene | 400 | 80 | <0.06 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Pyrene | 250 | 50 | <0.11 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Anthracene | | | <0.05 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Chrysene | 0.2 | 0.02 | <0.05 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | <0.04 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (k) Fluoranthene | | | <0.06 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Pyrene | 0.2 | 0.02 | <0.04 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dibenzo (a,h) Anthracene | | | <0.1 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (g,h,i) Perylene | | | <0.06 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Ideno (1,2,3-cd) Pyrene | | | <0.07 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Inorganics (mg/L) | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | 0.874 | 0.077 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Lead (ug/L) | 15 | 1.5 | <1.0 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Nitrate-Nitrogen | 10 | 2 | NA | 0.59 | <0.3 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfate | 250 | 125 | NA | 31.0 | 29.2 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Field Measurements | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | 43.17 | 53.55 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Conductivity (ms/cm) | | | NA | 600 | 851 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Oxygen (mg/L) | | | NA | 7.18 | 6.25 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| pH | | | NA | 6.55 | 8.97 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Redox Potential (mV) | | | NA | 129.3 | 35.3 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA |

ES = Enforcement Standards
PAL=Preventive Action Limit
NA=Not Analyzed
X=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

# Table 3f
## Groundwater Analytical Results Summary
## Pogo's Hardware
## Withee, Wisconsin

| Monitoring Well #6 | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 1/6/2000 | 4/19/2000 | 7/6/2000 | 5/24/2001 | 12/12/2002 | Excavation 6/10/03 | 6/23/2003 | 9/30/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/30/2009 | 7/23/2009 | 7/29/2010 |
| GRO (ug/L) | | | <50 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| DRO (ug/L) | | | <100 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Detected VOC's (ug/L) | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | <0.15 | <0.15 | <0.15 | <0.29 | <0.45 | | <0.45 | <0.41 | <0.14 | <0.14 | <0.14 | <0.20 | <0.20 | <0.20 |
| Ethylbenzene | 700 | 140 | <0.5 | <0.5 | <0.5 | <0.57 | <0.82 | | <0.82 | <0.54 | <0.40 | <0.40 | <0.40 | <0.20 | <0.20 | <0.20 |
| Toluene | 1000 | 200 | <0.4 | <0.4 | <0.4 | <0.13 | <0.68 | | <0.68 | <0.67 | <0.36 | <0.36 | <0.36 | <0.40 | <0.40 | <0.40 |
| Xylenes (Total) | 10000 | 1000 | <0.55 | <0.55 | <0.55 | <0.63 | <2.47 | | <2.47 | <2.63 | <1.10 | <1.10 | <1.10 | <0.60 | <0.60 | <0.60 |
| Trimethylbenzenes (Total) | 480 | 96 | <0.55 | <0.55 | <0.55 | <0.63 | <1.86 | | <1.86 | <1.80 | <0.79 | <0.79 | <0.79 | <0.40 | <0.40 | <0.40 |
| MTBE | 60 | 12 | <0.3 | <0.3 | <0.3 | <0.20 | <0.43 | | <0.43 | <0.61 | <0.36 | <0.36 | <0.36 | <0.50 | <0.50 | <0.50 |
| Isopropylbenzene | | | <0.15 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | <0.10 | <0.10 | <0.10 |
| Naphthalene | 100 | 10 | <0.8 | NA | NA | <0.27 | NA | | <0.74 | <0.74 | NA | NA | NA | <1.00 | <1.00 | <1.00 |
| n-Propylbenzene | | | <0.15 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| n-Butylbenzene | | | <0.15 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | 5 | 0.5 | <0.15 | NA | NA | <0.21 | NA | | <0.36 | <0.36 | NA | NA | NA | *2.12* | <0.30 | <0.30 |
| p-Isopropyltoluene | | | <0.2 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| sec-Butylbenzene | | | <0.15 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | <0.30 | <0.30 | <0.30 |
| Detected PAH's (ug/L) | | | | | | | | | | | | | | | | |
| Napthalene | 100 | 10 | <0.08 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenapthylene | | | <0.1 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| 1-Methyl Naphthalene | | | <0.09 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-Methyl Naphthalene | | | <0.08 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenapthene | | | <0.1 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluorene | 400 | 80 | <0.07 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Phenanthrene | | | <0.08 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Anthracene | 3000 | 600 | <0.09 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluoranthene | 400 | 80 | <0.06 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Pyrene | 250 | 50 | <0.11 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Anthracene | | | <0.05 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Chrysene | 0.2 | 0.02 | <0.05 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | <0.04 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (k) Fluoranthene | | | <0.06 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Pyrene | 0.2 | 0.02 | <0.04 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Dibenzo (a,h) Anthracene | | | <0.1 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (g,h,i) Perylene | | | <0.06 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Ideno (1,2,3-cd) Pyrene | | | <0.07 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Inorganics (mg/L) | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | 0.016 | 0.042 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Lead (ug/L) | 15 | 1.5 | <1.0 | NA | NA | <0.39 | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Nitrate-Nitrogen | 10 | 2 | NA | 1.15 | 1.16 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfate | 250 | 125 | NA | 41.7 | 36.6 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Field Measurements | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | 44.34 | 55.35 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Conductivity (ms/cm) | | | NA | 892 | 1208 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Oxygen (mg/L) | | | NA | 7.88 | 5.59 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| pH | | | NA | 6.91 | 8.29 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Redox Potential (mV) | | | NA | 91.1 | 61.0 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |

ES = Enforcement Standards
PAL=Preventive Action Limit
NA=Not Analyzed
X=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

# Table 3g
## Groundwater Analytical Results Summary
## Pogo's Hardware
## Withee, Wisconsin

| | | | Monitoring Well #7 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 3/2/2000 | 4/19/2000 | 7/6/2000 | 12/12/2002 | Excavation 6/10/03 | 6/23/2003 | 9/30/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/30/2009 | 7/23/2009 | 7/29/2010 |
| GRO (ug/L) | | | <50 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| DRO (ug/L) | | | NA | 290 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| **Detected VOC's (ug/L)** | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | <0.15 | <0.15 | <0.15 | <0.45 | | <0.45 | <0.41 | <0.14 | <0.14 | <0.14 | <0.20 | <0.20 | <0.20 |
| Ethylbenzene | 700 | 140 | <0.5 | <0.5 | <0.5 | <0.82 | | <0.82 | <0.54 | <0.40 | <0.40 | <0.40 | <0.20 | <0.20 | <0.20 |
| Toluene | 1000 | 200 | <0.4 | <0.4 | <0.4 | <0.68 | | <0.68 | <0.67 | <0.36 | <0.36 | <0.36 | <0.40 | <0.40 | <0.40 |
| Xylenes (Total) | 10000 | 1000 | <0.4 | <0.55 | <0.55 | <2.47 | | <2.47 | <2.63 | <1.10 | <1.10 | <1.10 | <0.60 | <0.60 | <0.60 |
| Trimethylbenzenes (Total) | 480 | 96 | <0.4 | <0.55 | <0.55 | <1.86 | | <1.86 | <1.80 | <0.79 | <0.79 | <0.79 | <0.40 | <0.40 | <0.40 |
| MTBE | 60 | 12 | <0.3 | <0.3 | <0.3 | <0.43 | | <0.43 | <0.61 | <0.36 | <0.36 | <0.36 | <0.50 | <0.50 | <0.50 |
| Isopropylbenzene | | | <0.15 | NA | NA | NA | | NA | NA | NA | NA | NA | <0.10 | <0.10 | <0.10 |
| Naphthalene | 100 | 10 | <0.8 | NA | NA | NA | | <0.74 | <0.74 | NA | NA | NA | <1.00 | <1.00 | <1.00 |
| n-Propylbenzene | | | <0.15 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| n-Butylbenzene | | | <0.15 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | 5 | 0.5 | <0.15 | NA | NA | NA | | <0.36 | <0.36 | NA | NA | NA | <0.30 | <0.30 | <0.30 |
| p-Isopropyltoluene | | | <0.2 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| sec-Butylbenzene | | | <0.15 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| 4-Isopropyltoluene | | | <0.2 | NA | NA | NA | | NA | NA | NA | NA | NA | 0.28 | <0.40 | <0.40 |
| 1,1,1-Trichloroethane | 200 | 40 | <0.15 | NA | NA | NA | | NA | NA | NA | NA | NA | 0.21 | <0.50 | <0.50 |
| **Detected PAH's (ug/L)** | | | | | | | | | | | | | | | |
| Napthalene | 100 | 10 | NA | <0.198 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenapthylene | | | NA | <0.495 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| 1-Methyl Naphthalene | | | NA | <0.429 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-Methyl Naphthalene | | | NA | <0.396 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenapthene | | | NA | <0.33 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluorene | 400 | 80 | NA | <0.363 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Phenanthrene | | | NA | <0.363 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Anthracene | 3000 | 600 | NA | <0.257 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluoranthene | 400 | 80 | NA | <0.099 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Pyrene | 250 | 50 | NA | <0.33 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Anthracene | | | NA | <0.099 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Chrysene | 0.2 | 0.02 | NA | <0.066 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | NA | <0.066 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (k) Fluoranthene | | | NA | <0.099 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Pyrene | 0.2 | 0.02 | NA | <0.066 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Dibenzo (a,h) Anthracene | | | NA | <0.198 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (g,h,i) Perylene | | | NA | <0.297 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Ideno (1,2,3-cd) Pyrene | | | NA | <0.198 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| **Inorganics (mg/L)** | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | *0.173* | **0.432** | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Lead (ug/L) | 15 | 1.5 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Nitrate-Nitrogen | 10 | 2 | NA | <0.3 | <0.3 | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfate | 250 | 125 | NA | 49.6 | 39.0 | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| **Field Measurements** | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | 40.85 | 55.28 | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Conductivity (ms/cm) | | | NA | 1390 | 1826 | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Oxygen (mg/L) | | | NA | 5.57 | 4.18 | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| pH | | | NA | 6.58 | 7.59 | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Redox Potential (mV) | | | NA | 118.7 | 29.0 | NA | | NA | NA | NA | NA | NA | NA | NA | NA |

ES = Enforcement Standards
PAL=Preventive Action Limit
NA=Not Analyzed
X=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

# Table 3b
## Groundwater Analytical Results Summary
### Pogo's Hardware
### Withee, Wisconsin

| | | | Monitoring Well #8 | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 3/2/2000 | 4/19/2000 | 5/24/2000 | 7/6/2000 | 5/24/2001 | 12/12/2002 | Excavation 6/1/03 | 6/23/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/27/2005 | 1/17/2006 | 1/30/2009 | 7/23/2009 | 1/20/2010 | 7/29/2010 |
| GRO (ug/L) | | | <50 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | | | | |
| DRO (ug/L) | | | NA | 1580 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | | | | |
| **Detected VOC's (ug/L)** | | | | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | <0.15 | <0.15 | NA | *0.962* | <0.29 | <0.45 | | <0.45 | *0.63* | <0.41 | <0.41 | <0.41 | <0.41 | Dry | *0.64* | <0.20 | <0.20 |
| Ethylbenzene | 700 | 140 | <0.5 | <0.5 | NA | <0.5 | <0.57 | <0.82 | | <0.82 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | | <0.20 | <0.20 | <0.20 |
| Toluene | 1000 | 200 | <0.4 | <0.4 | NA | <0.4 | <0.13 | <0.68 | | <0.68 | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | | <0.40 | <0.40 | <0.40 |
| Xylenes (Total) | 10000 | 1000 | <0.4 | <0.55 | NA | <0.55 | <0.63 | <2.47 | | <2.47 | <2.63 | <2.63 | <2.63 | <2.63 | <2.63 | | <0.60 | <0.60 | <0.60 |
| Trimethylbenzenes (Total) | 480 | 96 | <0.4 | <0.55 | NA | <0.55 | <0.63 | <1.86 | | <1.86 | <1.80 | <1.80 | <1.80 | <1.80 | <1.80 | | <0.40 | 0.24 | <0.40 |
| MTBE | 60 | 12 | <0.3 | <0.3 | NA | <0.3 | <0.20 | <0.43 | | <0.43 | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | | <0.50 | <0.50 | <0.50 |
| Isopropylbenzene | | | <0.15 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | | <0.10 | <0.20 | <0.20 |
| Naphthalene | 100 | 10 | <0.8 | NA | NA | NA | <0.27 | NA | | <0.74 | NA | NA | NA | NA | NA | | <1.00 | <1.00 | <1.00 |
| n-Propylbenzene | | | <0.15 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| n-Butylbenzene | | | <0.15 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| 1,2-Dichloroethane | 5 | 0.5 | *0.744* | NA | NA | NA | <0.21 | NA | | *1.2* | 12 | 5.3 | 5.1 | *0.78* | *2.5* | | *4.03* | *3.86* | *1.18* |
| p-Isopropyltoluene | | | <0.2 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| sec-Butylbenzene | | | <0.15 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | | <0.30 | <0.30 | <0.30 |
| 1,2-Dichlorobenzene | 600 | 60 | 1.21 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | | <0.80 | 1.15 | 1.28 |
| 1,2 Dichloropropane | 5 | 0.5 | <0.4 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | | *0.57* | *0.55* | *0.66* |
| **Detected PAH's (ug/L)** | | | | | | | | | | | | | | | | | | | |
| Napthalene | 100 | 10 | NA | <0.06 | <0.06 | <0.06 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Acenapthylene | | | NA | <0.15 | <0.15 | <0.15 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| 1-Methyl Naphthalene | | | NA | <0.13 | <0.13 | <0.13 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| 2-Methyl Naphthalene | | | NA | <0.12 | <0.12 | <0.12 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Acenapthene | | | NA | <0.1 | <0.1 | <0.1 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Fluorene | 400 | 80 | NA | <0.11 | <0.11 | <0.11 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Phenanthrene | | | NA | 0.351 | <0.11 | <0.11 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Anthracene | 3000 | 600 | NA | <0.09 | <0.09 | <0.09 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Fluoranthene | 400 | 80 | NA | 0.656 | 0.252 | 0.074 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Pyrene | 250 | 50 | NA | 0.588 | 0.136 | 0.156 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (a) Anthracene | | | NA | 0.1 | 0.065 | 0.049 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Chrysene | 0.2 | 0.02 | NA | *0.16* | *0.095* | *0.095* | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | NA | 0.397 | *0.162* | *0.046* | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (k) Fluoranthene | | | NA | 0.166 | 0.079 | 0.04 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (a) Pyrene | 0.2 | 0.02 | NA | 0.119 | <0.02 | <0.02 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Dibenzo (a,h) Anthracene | | | NA | 0.187 | <0.06 | <0.06 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Benzo (g,h,i) Perylene | | | NA | 0.233 | 0.092 | 0.092 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Ideno (1,2,3-cd) Pyrene | | | NA | 0.225 | 0.141 | 0.141 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| **Inorganics (mg/L)** | | | | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | 0.027 | NA | 0.116 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Dissolved Lead (ug/L) | 15 | 1.5 | NA | NA | NA | NA | <0.39 | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Nitrate-Nitrogen | 10 | 2 | NA | 0.711 | NA | <0.3 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Sulfate | 250 | 125 | NA | 24.6 | NA | 24.6 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| **Field Measurements** | | | | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | 45.12 | NA | 57.95 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Conductivity (ms/cm) | | | NA | 539 | NA | 718 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Dissolved Oxygen (mg/L) | | | NA | 4.88 | NA | 4.41 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| pH | | | NA | 6.82 | NA | 8.16 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |
| Redox Potential (mV) | | | NA | 95.0 | NA | 10.3 | NA | NA | | NA | NA | NA | NA | NA | NA | | NA | NA | NA |

ES = Enforcement Standards
PAL=Preventive Action Limit
NA=Not Analyzed
X=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

# Table 3i
## Groundwater Analytical Results Summary
## Pogo's Hardware
## Withee, Wisconsin

| Monitoring Well #9 | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 5/24/2001 | 7/17/2001 | 10/4/2001 | 12/12/2002 | Excavation 6/10/03 | 6/23/2003 | 9/30/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/27/2005 | 7/27/2005 | 1/17/2006 | Abandoned 7/25/06 |
| GRO (ug/L) | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| DRO (ug/L) | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Detected VOC's (ug/L) | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | **3,600** | **3,100** | **2,400** | **5,500** | | **5,000** | **5,600** | **2,600** | **2,700** | **3,100** | **1,300** | **1,500** | **1,500** | |
| Ethylbenzene | 700 | 140 | 100 | 180 | 130 | 240 | | 330 | <27 | <14 | 23 | <54 | 5.9 | 7.5 | <5.4 | |
| Toluene | 1000 | 200 | 58 | 57 | 45 | 100 | | 110 | 55 | <17 | 17 | <67 | <6.7 | <6.7 | <6.7 | |
| Xylenes (Total) | 10000 | 1000 | 190 | 210 | 175 | 400 | | 517 | <132 | <66 | <66 | <263 | <26.3 | <26.3 | <26.3 | |
| Trimethylbenzenes (Total) | 480 | 96 | 55 | 69 | 45 | *132* | | *148* | <90 | <45 | <45 | <61 | <18 | *150* | <18 | |
| MTBE | 60 | 12 | <10 | <34 | <13 | <44 | | <15 | <30 | <15 | <15 | <61 | <6.1 | <6.1 | <6.1 | |
| Isopropylbenzene | | | NA | NA | NA | <33 | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Naphthalene | 100 | 10 | *57* | *66* | *68* | *81* | | **140** | *56* | NA | *30* | <74 | <7.4 | NA | NA | |
| n-Propylbenzene | | | NA | NA | NA | <48 | | NA | NA | NA | NA | NA | NA | NA | NA | |
| n-Butylbenzene | | | NA | NA | NA | <32 | | NA | NA | NA | NA | NA | NA | NA | NA | |
| 1,2-Dichloroethane | 5 | 0.5 | **250** | **220** | **180** | **400** | | **330** | **500** | **300** | **240** | <36 | **110** | **150** | **100** | |
| p-Isopropyltoluene | | | NA | NA | NA | <29 | | NA | NA | NA | NA | NA | NA | NA | NA | |
| sec-Butylbenzene | | | NA | NA | NA | <31 | | NA | NA | NA | NA | NA | NA | NA | NA | |
| 1,2-Dichlorobenzene | 600 | 60 | NA | NA | NA | <36 | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Detected PAH's (ug/L) | | | | | | | | | | | | | | | | |
| Napthalene | 100 | 10 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Acenapthylene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| 1-Methyl Naphthalene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| 2-Methyl Naphthalene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Acenapthene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Fluorene | 400 | 80 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Phenanthrene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Anthracene | 3000 | 600 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Fluoranthene | 400 | 80 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Pyrene | 250 | 50 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Benzo (a) Anthracene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Chrysene | 0.2 | 0.02 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Benzo (k) Fluoranthene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Benzo (a) Pyrene | 0.2 | 0.02 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Dibenzo (a,h) Anthracene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Benzo (g,h,i) Perylene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Ideno (1,2,3-cd) Pyrene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Inorganics (mg/L) | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Dissolved Lead (ug/L) | 15 | 1.5 | NA | 20 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Nitrate-Nitrogen | 10 | 2 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Sulfate | 250 | 125 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Field Measurements | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Conductivity (ms/cm) | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Dissolved Oxygen (mg/L) | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| pH | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |
| Redox Potential (mV) | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | |

ES = Enforcement Standards
PAL=Preventive Action Limit
NA=Not Analyzed
X=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

# Table 3j
## Groundwater Analytical Results Summary
## Pogo's Hardware
## Withee, Wisconsin

| Monitoring Well #10 | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 6/29/2001 | 7/17/2001 | 10/4/2001 | 12/12/2002 | Excavation 6/10/03 | 6/23/2003 | 9/30/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/27/2005 | 1/17/2006 | 4/9/2008 | 1/30/2009 | 7/23/2009 | Abandoned 9/24/09 |
| GRO (ug/L) | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | | |
| DRO (ug/L) | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | | |
| Detected VOC's (ug/L) | | | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | <0.48 | <0.48 | <0.45 | <0.45 | | <0.45 | <0.41 | <0.41 | <0.14 | <0.14 | <0.14 | <0.14 | <0.20 | Dry | <0.20 | |
| Ethylbenzene | 700 | 140 | <0.43 | <0.43 | <0.82 | <0.82 | | <0.82 | <0.54 | <0.54 | <0.40 | <0.40 | <0.40 | <0.40 | <0.20 | | <0.20 | |
| Toluene | 1000 | 200 | <0.47 | <0.47 | <0.68 | <0.68 | | <0.68 | <0.67 | <0.67 | <0.36 | <0.36 | <0.36 | <0.36 | <0.40 | | <0.40 | |
| Xylenes (Total) | 10000 | 1000 | <1.94 | <1.94 | <2.47 | <2.47 | | <2.47 | <2.63 | <2.63 | <1.10 | <1.10 | <1.10 | <1.10 | <0.60 | | <0.60 | |
| Trimethylbenzenes (Total) | 480 | 96 | <1.03 | <1.03 | <1.86 | <1.86 | | <1.86 | <1.80 | <1.80 | <0.79 | <0.79 | <0.79 | <0.79 | <0.40 | | <0.40 | |
| MTBE | 60 | 12 | <0.67 | <0.67 | <0.43 | <0.43 | | <0.43 | <0.61 | <0.61 | <0.36 | <0.36 | <0.36 | <0.36 | <0.50 | | <0.50 | |
| Isopropylbenzene | | | <0.43 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | <0.10 | | <0.10 | |
| Naphthalene | 100 | 10 | <0.59 | <0.59 | NA | NA | | <0.74 | <0.74 | NA | NA | NA | NA | NA | <1.00 | | <1.00 | |
| n-Propylbenzene | | | <0.64 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| n-Butylbenzene | | | <0.61 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| 1,2-Dichloroethane | 5 | 0.5 | <0.47 | <0.47 | NA | NA | | *0.98* | <0.36 | <0.36 | NA | NA | NA | NA | <0.30 | | <0.30 | |
| p-Isopropyltoluene | | | <0.57 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| sec-Butylbenzene | | | <0.49 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | <0.30 | | <0.30 | |
| 1,2-Dichlorobenzene | 600 | 60 | <0.67 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | <0.80 | | <0.80 | |
| Detected PAH's (ug/L) | | | | | | | | | | | | | | | | | | |
| Napthalene | 100 | 10 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Acenapthylene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| 1-Methyl Naphthalene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| 2-Methyl Naphthalene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Acenapthene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Fluorene | 400 | 80 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Phenanthrene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Anthracene | 3000 | 600 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Fluoranthene | 400 | 80 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Pyrene | 250 | 50 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Benzo (a) Anthracene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Chrysene | 0.2 | 0.02 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Benzo (k) Fluoranthene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Benzo (a) Pyrene | 0.2 | 0.02 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Dibenzo (a,h) Anthracene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Benzo (g,h,i) Perylene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Ideno (1,2,3-cd) Pyrene | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Inorganics (mg/L) | | | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Dissolved Lead (ug/L) | 15 | 1.5 | <0.39 | <0.39 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Nitrate-Nitrogen | 10 | 2 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Sulfate | 250 | 125 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Field Measurements | | | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Conductivity (ms/cm) | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Dissolved Oxygen (mg/L) | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| pH | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |
| Redox Potential (mV) | | | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | | NA | |

ES = Enforcement Standards
PAL=Preventive Action Limit
NA=Not Analyzed
X=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

# Table 3k
## Groundwater Analytical Results Summary
## Pogo's Hardware
## Withee, Wisconsin

| | | | Piezometer PZ1/PZ1R | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 1/6/2000 | 4/19/2000 | 5/24/2000 | 7/6/2000 | 12/12/2002 | Excavation 6/10/03 | 6/23/2003 | 9/30/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/27/2005 | 7/27/2005 | 1/17/2006 | 4/9/2008 | 7/23/2008 | 1/30/2009 | 7/23/2009 | 1/20/2010 |
| GRO (ug/L) | | | 1,180 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| DRO (ug/L) | | | 816 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Detected VOC's (ug/L) | | | | | | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | 24.7 | 14.6 | *3.51* | 6.87 | *0.88* | | 72 | 22 | 34 | 75 | 76 | <0.41 | 148 | 53 | *1.76* | *0.50* | 19.2 | 13.0 | <0.20 |
| Ethylbenzene | 700 | 140 | 14.2 | 7.77 | 0.933 | 3.97 | <0.82 | | 24 | 5.0 | 4.6 | 4.3 | 1.7 | <0.54 | 1.7 | 5.4 | 0.23 | <0.20 | 3.59 | 0.42 | <0.20 |
| Toluene | 1000 | 200 | 48.1 | 13.6 | 3.48 | 4.30 | <0.68 | | 120 | 14 | <0.67 | <0.67 | <0.67 | <0.67 | <0.36 | 0.56 | <0.20 | <0.20 | 0.70 | <0.40 | <0.40 |
| Xylenes (Total) | 10000 | 1000 | 67.3 | 5.22 | 1.941 | 5.11 | <2.47 | | 101 | 17.2 | <2.63 | <2.63 | <2.63 | <2.63 | <1.10 | <1.10 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 |
| Trimethylbenzenes (Total) | 480 | 96 | 23.79 | 4.07 | 0.477 | 3.43 | <1.86 | | 26.4 | 12.8 | <1.80 | 1.8 | <1.80 | <1.80 | <0.79 | <0.79 | <0.40 | <0.40 | 0.24 | <0.70 | <0.70 |
| MTBE | 60 | 12 | <3.0 | <0.3 | <0.3 | <0.3 | <0.43 | | <0.61 | <0.61 | <0.61 | 0.34 | 0.71 | <0.61 | 0.87 | 0.56 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Bromomethane | 10 | 1 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | *2.45* | <1.00 | <1.00 | <1.00 |
| Chloromethane | 3 | 0.3 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | *0.70* | <0.40 | <0.40 | <0.40 |
| Isopropylbenzene | | | 2.72 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | <0.10 | <0.10 | 0.65 | 0.17 | <0.20 |
| Naphthalene | 100 | 10 | <8.0 | NA | NA | NA | NA | | 2.1 | 1.8 | <0.74 | 0.92 | <0.74 | <0.74 | NA | NA | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 |
| n-Propylbenzene | | | <1.5 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| n-Butylbenzene | | | <1.5 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | 5 | 0.5 | <1.5 | NA | NA | NA | NA | | *4.8* | 5.7 | 9.9 | 11 | <0.36 | <0.36 | NA | NA | *0.70* | *0.59* | 8.21 | 8.72 | *0.93* |
| p-Isopropyltoluene | | | <2.0 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| sec-Butylbenzene | | | <1.5 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | <0.30 | <0.30 | 0.59 | 0.66 | <0.30 |
| Tetrachloroethene | 5 | 0.5 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | *0.67* | <0.30 | <0.30 | <0.30 |
| Detected PAH's (ug/L) | | | | | | | | | | | | | | | | | | | | | |
| Naphthalene | 100 | 10 | 0.708 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenaphthylene | | | <0.1 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1-Methyl Naphthalene | | | 2.23 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-Methyl Naphthalene | | | 0.985 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenaphthene | | | <0.1 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluorene | 400 | 80 | <0.07 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Phenanthrene | | | <0.08 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Anthracene | 3000 | 600 | <0.09 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluoranthene | 400 | 80 | <0.06 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Pyrene | 250 | 50 | <0.11 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Anthracene | | | <0.05 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Chrysene | 0.2 | 0.02 | <0.05 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | <0.04 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (k) Fluoranthene | | | <0.06 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Pyrene | 0.2 | 0.02 | <0.04 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dibenzo (a,h) Anthracene | | | <0.1 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (g,h,i) Perylene | | | <0.06 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Ideno (1,2,3-cd) Pyrene | | | <0.07 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Inorganics (mg/L) | | | | | | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Lead (ug/L) | 15 | 1.5 | <1.0 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Nitrate-Nitrogen | 10 | 2 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfate | 250 | 125 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Field Measurements | | | | | | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | 46.65 | NA | 55.93 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Conductivity (ms/cm) | | | NA | 505 | NA | 672 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Oxygen (mg/L) | | | NA | 4.29 | NA | 3.17 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| pH | | | NA | 7.23 | NA | 7.70 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Redox Potential (mV) | | | NA | 71.7 | NA | -39.2 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

*PZ1 was removed during excavation and replaced with PZ1R on 6/23/03

ES = Enforcement Standards

FAL=Preventive Action Limit

NA=Not Analyzed

X=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

F:\projects\1206-1399\1346\Reports\Annual\1346AthlsXls[pz1]

# Table 31
## Groundwater Analytical Results Summary
## Pogo's Hardware
## Withee, Wisconsin

| Piezometer PZ2 | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 5/24/2001 | 7/17/2001 | 8/1/2001 | 10/4/2001 | 12/12/2002 | Excavation 6/10/03 | 6/23/2003 | 9/30/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/27/2005 | 7/27/2005 | 1/17/2006 |
| GRO (ug/L) | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| DRO (ug/L) | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| **Detected VOC's (ug/L)** | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | **7.8** | **25** | **29** | **1100** | **910** | | **1300** | **49** | **6.2** | **5.3** | ***1.6*** | <0.41 | ***2.5*** | ***0.8*** |
| Ethylbenzene | 700 | 140 | <0.57 | <0.43 | <0.43 | 42 | 13 | | 55 | 6.8 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 |
| Toluene | 1000 | 200 | 0.17 | <0.47 | <0.47 | 14 | <8.4 | | 9.0 | 0.84 | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 |
| Xylenes (Total) | 10000 | 1000 | <0.63 | <1.94 | <1.94 | 7.8 | <18.3 | | 9.1 | <2.63 | <2.63 | <2.63 | <2.63 | <2.63 | <2.63 | <2.63 |
| Trimethylbenzenes (Total) | 480 | 96 | 0.36 | 0.78 | 0.86 | 9.6 | <13.3 | | 17 | <1.80 | <1.80 | <1.80 | <1.80 | <1.80 | <1.80 | <1.80 |
| MTBE | 60 | 12 | 1.5 | 1.7 | 1.8 | <6.7 | <8.7 | | <6.1 | 1.0 | <0.61 | 0.88 | <0.61 | 0.91 | 1.7 | <0.61 |
| Isopropylbenzene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Naphthalene | 100 | 10 | <0.7 | <0.59 | NA | NA | NA | | <7.4 | <0.74 | NA | NA | NA | NA | NA | NA |
| n-Propylbenzene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| n-Butylbenzene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | 5 | 0.5 | **20** | **18** | **21** | **79** | **63** | | **65** | **7.0** | ***3.5*** | ***3.4*** | <0.36 | ***2.0*** | ***2.6*** | ***1.5*** |
| o-Isopropyltoluene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| sec-Butylbenzene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| **Detected PAH's (ug/L)** | | | | | | | | | | | | | | | | |
| Naphthalene | 100 | 10 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenapthylene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| 1-Methyl Naphthalene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-Methyl Naphthalene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenapthene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluorene | 400 | 80 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Phenanthrene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Anthracene | 3000 | 600 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluoranthene | 400 | 80 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Pyrene | 250 | 50 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Anthracene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Chrysene | 0.2 | 0.02 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (k) Fluoranthene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Pyrene | 0.2 | 0.02 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Dibenzo (a,h) Anthracene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (g,h,i) Perylene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Ideno (1,2,3-cd) Pyrene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| **Inorganics (mg/L)** | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Lead (ug/L) | 15 | 1.5 | <0.39 | <0.39 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Nitrate-Nitrogen | 10 | 2 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfate | 250 | 125 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| **Field Measurements** | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Conductivity (ms/cm) | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Oxygen (mg/L) | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| pH | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |
| Redox Potential (mV) | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA |

Abandoned 7/25/06

ES = Enforcement Standards
PAL=Preventive Action Limit
NA=Not Analyzed
X=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

F:\eleg\1300-1399\1346\Reports\Annual\1346Abls.xlsx|pz2

# Table 3m
## Groundwater Analytical Results Summary
## Pogo's Hardware
## Withee, Wisconsin

| Piezometer PZ3 | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 6/29/2001 | 7/17/2001 | 8/1/2001 | 10/4/2001 | 12/12/2002 | Exception 10/01/03 | 6/23/2003 | 9/30/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/27/2005 | 7/27/2005 | 1/17/2006 | 4/9/2008 | 7/23/2008 | 1/30/2009 | 7/23/2009 |
| GRO (ug/L) | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| DRO (ug/L) | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Detected VOC's (ug/L)** | | | | | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | <0.48 | 53 | 15 | <0.48 | <0.25 | | <0.41 | <0.41 | <0.41 | 24 | 10 | 93 | 99 | 76 | 8.61 | 159 | 55.9 | 13.2 |
| Ethylbenzene | 700 | 140 | <0.43 | 6.4 | 2.1 | <0.43 | <0.53 | | <0.54 | <0.54 | <0.54 | <0.54 | <0.54 | 0.88 | 1.1 | 0.75 | <0.20 | 2.92 | 0.91 | 0.60 |
| Toluene | 1000 | 200 | <0.47 | 95 | 27 | <0.47 | <0.84 | | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | <0.67 | <0.40 | <0.40 | 0.40 | <0.40 |
| Xylenes (Total) | 10000 | 1000 | <1.94 | 22.3 | 6.5 | <1.94 | <1.83 | | <2.63 | <2.63 | <2.63 | <2.63 | <2.63 | <2.63 | <2.63 | <2.63 | <0.60 | 0.45 | <0.60 | <0.60 |
| Trimethylbenzenes (Total) | 480 | 96 | <1.03 | 0.60 | <1.03 | <1.03 | <1.33 | | <1.80 | <1.80 | <1.80 | <1.80 | <1.80 | <1.80 | <1.80 | <1.80 | <0.40 | 1.85 | <0.70 | <0.40 |
| MTBE | 60 | 12 | <0.67 | <0.67 | <0.67 | <0.67 | <0.87 | | <0.61 | <0.61 | <0.61 | <0.61 | <0.61 | 1.2 | 1.3 | 0.82 | <0.50 | <0.50 | <0.50 | <0.50 |
| Bromomethane | 10 | 1 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | *1.50* | <1.00 | <1.00 |
| Chlorobenzene | | | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | 1.32 | 0.49 | 0.67 |
| 1,2 Dibromoethane | 0.05 | 0.005 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | 0.93 | <0.30 | <0.30 |
| 1,2 Dichlorobenzene | 600 | 60 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | <0.80 | 1.66 | <0.80 | <0.80 |
| Isopropylbenzene | | | <0.43 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | 0.19 | 2.55 | 0.81 | 1.10 |
| Naphthalene | 100 | 10 | <0.59 | <0.59 | NA | NA | NA | | <0.74 | <0.74 | <0.74 | NA | NA | NA | NA | NA | <1.00 | <1.00 | <1.00 | <1.00 |
| Propylbenzene | | | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | 1.34 | 0.43 | 0.56 |
| n-Butylbenzene | | | <0.49 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | 5 | 0.5 | *1.2* | 2.2 | *1.3* | *1.0* | *1.5* | | <0.36 | *2.1* | *2.0* | 5.7 | *4.0* | 14 | 16 | 11 | 7.58 | 23.7 | 12.7 | 18.4 |
| 1,2 Dichloropropane | 5 | 0.5 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | *0.79* | <0.30 | <0.40 |
| 1,3 Dichlorobenzene | 1250 | 125 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | 0.27 | <0.20 | <0.20 |
| Tetrachloroethene | 5 | 0.5 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | 0.38 | <0.30 | <0.30 |
| sec-Butylbenzene | | | <0.49 | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | <0.30 | <0.30 | <0.30 | <0.30 |
| **Detected PAH's (ug/L)** | | | | | | | | | | | | | | | | | | | | |
| Napthalene | 100 | 10 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenaphthylene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1-Methyl Naphthalene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-Methyl Naphthalene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenapthene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluorene | 400 | 80 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Phenanthrene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Anthracene | 3000 | 600 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluoranthene | 400 | 80 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Pyrene | 250 | 50 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Anthracene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Chrysene | 0.2 | 0.02 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (k) Fluoranthene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Pyrene | 0.2 | 0.02 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dibenzo (a,h) Anthracene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (g,h,i) Perylene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Ideno (1,2,3-cd) Pyrene | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Inorganics (mg/L)** | | | | | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Lead (ug/L) | 15 | 1.5 | <0.39 | <0.39 | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Nitrate-Nitrogen | 10 | 2 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfate | 250 | 125 | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| **Field Measurements** | | | | | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Conductivity (ms/cm) | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Oxygen (mg/L) | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| pH | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Redox Potential (mV) | | | NA | NA | NA | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

ES = Enforcement Standards
PAL=Preventive Action Limit
NA=Not Analyzed
X=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

P:\projects\1300-1399\1340\Reports\Annual\[1346Table.xlsx]pz3 [1346Table.xlsx]pz3 [1346Table.xlsx]pz3 [1346Table.xlsx]pz3 [1346Table.xlsx]pz3 [1346Table.xlsx]pz3 [1346Table.xlsx]pz3 [1346Table.xlsx]pz3 [1346Table.xlsx]pz3 [1346Table.xlsx]pz3 [1346Table.xlsx]pz3 [1346Table.xlsx]pz3 [1346Table.xlsx]pz3

# Table 3n
## Groundwater Analytical Results Summary
## Pogo's Hardware
## Withee, Wisconsin

| Piezometer PZ4 | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PARAMETER | ES | PAL | 10/4/2001 | 12/12/2002 | Excavation 6/10/03 | 6/23/2003 | 9/30/2003 | 4/29/2004 | 7/27/2004 | 10/25/2004 | 1/17/2006 | 4/9/2008 | 7/23/2008 | 1/30/2009 | 7/23/2009 | 1/20/2010 |
| GRO (ug/L) | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| DRO (ug/L) | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Detected VOC's (ug/L) | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | <0.48 | <0.45 | | <0.41 | <0.41 | <0.41 | <0.41 | <0.14 | 0.28 | *1.19* | 7.59 | *1.96* | *1.59* | <0.20 |
| Ethylbenzene | 700 | 140 | <0.43 | <0.82 | | <0.54 | <0.54 | <0.54 | <0.54 | <0.40 | <0.40 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| Toluene | 1000 | 200 | <0.47 | <0.68 | | <0.67 | <0.67 | <0.67 | <0.67 | <0.36 | <0.36 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 |
| Xylenes (Total) | 10000 | 1000 | <1.94 | <2.47 | | <2.63 | <2.63 | <2.63 | <2.63 | <1.10 | <1.10 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 |
| Trimethylbenzenes (Total) | 480 | 96 | <1.03 | <1.86 | | <1.80 | <1.80 | <1.80 | <1.80 | <0.79 | <0.79 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 |
| MTBE | 60 | 12 | <0.67 | <0.43 | | <0.61 | <0.61 | <0.61 | <0.61 | <0.36 | <0.36 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| Bromomethane | 10 | 1 | <1.00 | <1.00 | | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 | *2.10* | <1.00 | <1.00 | <1.00 |
| Chloroethane | | | <0.60 | <0.60 | | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | <0.60 | 0.78 | <0.60 | <0.60 | <0.60 |
| Chloromethane | 3 | 0.3 | <0.40 | <0.40 | | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | *0.43* | <0.40 | <0.40 | <0.40 |
| Isopropylbenzene | | | <0.43 | <0.10 | | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | 0.11 | <0.10 | 0.15 | <0.20 |
| Naphthalene | 100 | 10 | <0.59 | NA | | NA | <0.74 | <0.74 | <0.74 | NA | NA | <1.00 | <1.00 | <1.00 | <1.00 | <1.00 |
| n-Propylbenzene | | | <0.64 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| n-Butylbenzene | | | <0.61 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1,2-Dichloroethane | 5 | 0.5 | <0.47 | NA | | NA | <0.36 | <0.36 | <0.36 | NA | NA | *0.80* | *0.80* | *1.23* | *2.74* | *2.15* |
| p-Isopropyltoluene | | | <0.57 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| sec-Butylbenzene | | | <0.49 | NA | | NA | NA | NA | NA | NA | NA | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 |
| Detected PAH's (ug/L) | | | | | | | | | | | | | | | | |
| Naphthalene | 100 | 10 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenapthylene | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 1-Methyl Naphthalene | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2-Methyl Naphthalene | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Acenapthene | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluorene | 400 | 80 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Phenanthrene | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Anthracene | 3000 | 600 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Fluoranthene | 400 | 80 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Pyrene | 250 | 50 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Anthracene | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Chrysene | 0.2 | 0.02 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (b) Fluoranthene | 0.2 | 0.02 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (k) Fluoranthene | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (a) Pyrene | 0.2 | 0.02 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dibenzo (a,h) Anthracene | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Benzo (g,h,i) Perylene | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Ideno (1,2,3-cd) Pyrene | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Inorganics (mg/L) | | | | | | | | | | | | | | | | |
| Dissolved Iron | 0.3 | 0.15 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Lead (ug/L) | 15 | 1.5 | <0.39 | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Nitrate-Nitrogen | 10 | 2 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Sulfate | 250 | 125 | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Field Measurements | | | | | | | | | | | | | | | | |
| Temperature (°F) | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Conductivity (ms/cm) | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dissolved Oxygen (mg/L) | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| pH | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Redox Potential (mV) | | | NA | NA | | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

ES = Enforcement Standards
PAL=Preventive Action Limit
NA=Not Analyzed
X=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

F:\eisw\1300-1399\1346\Reports\Annual\[1346Alb(x.xlsx]pz4

**Table 3o**
**Groundwater Analytical Results Summary**
**Pogo's Hardware**
**Withee, Wisconsin**

| | | | Village of Withee Municipal #3 | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Date | | | | | | | | | | | | | | | | | | | | | | | |
| PARAMETER | ES | PAL | 3/2/2000 | 7/19/2001 | 6/29/2001 | 12/17/2002 | Excavation 4/10/03 | 6/23/2003 | 7/8/2003 | 8/7/2003 | 9/30/2003 | 10/29/2003 | 4/29/2004 | 7/24/2004 | 10/25/2004 | 1/27/2005 | 3/2/2005 | 6/18/2005 | 11/3/2005 | 11/3/2005 | 7/23/2008 | 1/30/2009 | 7/23/2009 | 1/20/2010 | 7/29/2010 |
| Detected VOC's (ug/L) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Benzene | 5 | 0.5 | <0.15 | <0.15 | <0.45 | <0.25 | | 0.33 | <190,000 | <0.19 | 0.49 | <0.19 | <0.21 | 0.31 | 0.35 | 0.24 | 0.47 | *1.2* | *1.5* | *2.1* | *1.44* | *1.15* | *0.77* | *0.56* | 0.42 |
| Ethylbenzene | 700 | 140 | <0.5 | <0.5 | <0.43 | <0.30 | | <0.21 | <210,000 | <0.21 | <0.21 | <0.21 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.12 | <0.18 | <0.12 | <0.12 | <0.20 | <0.20 | <0.20 | 1.68 |
| Toluene | 1000 | 200 | <0.4 | <0.4 | <0.4 | <0.20 | | <0.17 | <170,000 | <0.17 | <0.17 | <0.17 | <0.22 | <0.22 | <0.22 | <0.22 | <0.22 | <0.10 | <0.21 | <0.10 | <0.10 | <0.40 | <0.40 | <0.40 | 6.83 |
| Xylenes (Total) | 10000 | 1000 | <0.4 | <0.55 | <1.94 | <0.67 | | <0.53 | <720,000 | <0.53 | <0.53 | <0.53 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <0.30 | <0.48 | <0.30 | <0.30 | <1.00 | <1.00 | <1.00 | 6.47 |
| Trimethylbenzenes (Total) | 480 | 96 | <0.4 | <0.55 | <1.03 | <0.57 | | <0.57 | <570,000 | <0.57 | <0.57 | <0.57 | <0.27 | <0.27 | <0.27 | <0.27 | <0.27 | <0.204 | <0.36 | <0.189 | <0.189 | <0.40 | <0.40 | <0.40 | <0.40 |
| MTBE | 60 | 12 | <0.3 | <0.3 | <0.67 | <0.20 | | <0.20 | <200,000 | <0.20 | <0.20 | <0.20 | <0.18 | <0.18 | <0.18 | <0.18 | <0.18 | <0.10 | <0.18 | <0.10 | <0.10 | <0.50 | <0.50 | <0.50 | <0.50 |
| Isopropylbenzene | | | <0.15 | <0.15 | <0.43 | <0.24 | | <0.19 | <190,000 | <0.19 | <0.19 | <0.19 | <0.13 | <0.13 | <0.13 | <0.13 | <0.13 | <0.11 | <0.19 | <0.11 | <0.11 | <0.10 | <0.10 | <0.10 | <0.10 |
| Naphthalene | 100 | 10 | <0.8 | <0.8 | <0.59 | <0.26 | | <0.26 | <260,000 | <0.26 | <0.26 | <0.26 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.063 | <0.24 | <0.063 | <0.063 | <1.00 | <1.00 | <1.00 | <1.00 |
| n-Propylbenzene | | | <0.15 | <0.62 | <0.64 | <0.33 | | <0.26 | <260,000 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | <0.26 | <0.099 | <0.19 | <0.099 | <0.099 | NA | NA | NA | NA |
| n-Butylbenzene | | | <0.15 | <0.15 | <0.61 | <0.43 | | <0.43 | <430,000 | <0.43 | <0.43 | <0.43 | <0.21 | <0.21 | <0.21 | <0.21 | <0.21 | <0.094 | <0.15 | <0.094 | <0.094 | NA | NA | NA | NA |
| 1,2-Dichloroethane | 5 | 0.5 | <0.15 | <0.15 | <0.47 | <0.17 | | <0.16 | <160,000 | <0.16 | <0.16 | <0.16 | <0.18 | <0.18 | <0.18 | <0.18 | <0.18 | <0.098 | <0.22 | 0.23 | 0.23 | <0.30 | <0.30 | <0.30 | <0.30 |
| p-Isopropyltoluene | | | <0.2 | <0.2 | <0.57 | <0.27 | | <0.27 | <270,000 | <0.27 | <0.27 | <0.27 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.096 | <0.18 | <0.096 | <0.096 | NA | NA | NA | NA |
| sec-Butylbenzene | | | <0.15 | <0.15 | <0.49 | <0.31 | | <0.26 | <260,000 | <0.26 | <0.26 | <0.26 | <0.19 | <0.19 | <0.19 | <0.19 | <0.19 | <0.11 | <0.18 | <0.11 | <0.11 | NA | NA | NA | NA |
| 1,2-Dichlorobenzene | 600 | 60 | <0.15 | <0.15 | <0.67 | <0.28 | | <0.16 | <160,000 | <0.16 | <0.16 | <0.16 | <0.24 | <0.24 | <0.24 | <0.24 | <0.24 | <0.13 | <0.21 | <0.13 | <0.13 | <0.80 | <0.80 | <0.80 | <0.80 |
| Bromomethane | 10 | 1 | <0.10 | <0.10 | <0.10 | <0.10 | | <0.10 | <100,000 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | <0.10 | *1.97* | <1.00 | <1.00 | <1.00 | <1.00 |
| Chloroform | 6 | 0.6 | 6.46 | 6.63 | 12 | <0.27 | | <0.14 | <140,000 | <0.14 | <0.14 | <0.14 | <0.15 | *0.67* | *1.20* | <0.15 | <0.15 | 0.12 | 0.49 | 0.18 | 0.18 | <0.20 | <0.20 | <0.20 | <0.20 |
| Chloromethane | 3 | 0.3 | <0.15 | <0.15 | <0.67 | <0.28 | | <0.16 | <160,000 | <0.16 | <0.16 | <0.16 | <0.24 | <0.24 | <0.24 | <0.24 | <0.24 | 0.27 | 0.23 | <0.13 | <0.13 | <0.40 | <0.40 | <0.40 | <0.40 |
| Methylene Chloride | 5 | 0.5 | <.02 | <0.2 | <1.10 | <0.54 | | <0.29 | <290,000 | *1.2* | <0.29 | <0.29 | <0.17 | <0.17 | <0.17 | <0.17 | <0.17 | <0.085 | <0.18 | <0.089 | <0.089 | <0.40 | <0.40 | <0.40 | <0.40 |
| Bromodichloromethane | 0.6 | 0.06 | 2.00 | 1.71 | 1.7 | <0.21 | | <0.10 | <100,000 | <0.10 | <0.10 | <0.10 | <0.28 | <0.28 | <0.28 | <0.28 | <0.28 | <0.11 | <0.21 | <0.11 | <0.11 | <0.40 | <0.40 | <0.40 | <0.40 |
| Chlorodibromomethane | | | 0.864 | 1.10 | <0.43 | <0.13 | | <0.21 | <210,000 | <0.21 | <0.21 | <0.21 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.083 | <0.21 | <0.083 | <0.083 | <0.30 | <0.30 | <0.30 | <0.30 |
| Tetrachloroethene | 5 | 0.5 | <0.30 | <0.30 | <0.30 | <0.30 | | <0.30 | <300,000 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | <0.30 | 0.34 | <0.30 | <0.30 | <0.30 | <0.30 |

ES = Enforcement Standards
PAL=Preventive Action Limit
NA=Not Analyzed
X=Not Detected

| | |
|---|---|
| **Bold** | Exceeds Enforcement Standard |
| *Italic* | Exceeds Preventive Action Limit |

**Table 2**
**Monitoring Well Information and Groundwater Elevations**
**Pogo's Hardware**
**Withee, Wisconsin**

| | MW-1 | MW-1R | MW-2 | MW-2R | MW-3 | MW-4 | MW-5 | MW-6 | MW-7 | MW-8 | MW-9 | MW-10 | PZ-1 | PZ-1R | PZ-2 | PZ-3 | PZ-4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ground Surface Elevation | 1270.21 | 1270.01 | 1269.96 | 1270.59 | 1270.27 | 1269.81 | 1269.18 | 1269.73 | 1270.27 | 1269.06 | 1269.65 | 1268.27 | 1269.99 | 1269.92 | 1269.65 | 1268.27 | 1268.61 |
| Top of Casing Elevation | 1269.70 | 1269.70 | 1269.39 | 1270.34 | 1269.83 | 1269.23 | 1271.55 | 1269.23 | 1269.82 | 1268.91 | 1269.27 | 1267.81 | 1269.52 | 1269.56 | 1269.26 | 1267.84 | 1268.26 |
| Top of Screen Elevation | 1265.19 | 1265.38 | 1264.44 | 1265.94 | 1265.28 | 1265.04 | 1265.20 | 1265.12 | 1265.64 | 1264.03 | 1264.75 | 1264.12 | 1240.62 | 1240.40 | 1240.31 | 1238.50 | 1234.27 |
| Bottom of Screen Elevation | 1255.19 | 1255.38 | 1254.44 | 1255.94 | 1255.28 | 1255.04 | 1254.20 | 1255.12 | 1255.64 | 1254.03 | 1254.75 | 1254.12 | 1235.62 | 1235.40 | 1235.31 | 1233.50 | 1229.27 |
| Depth to Water (feet) | | | | | | | | | | | | | | | | | |
| 1/6/2000 | 8.85 | NI | 8.46 | NI | 8.91 | 8.37 | 10.49 | 8.38 | NI | NI | NI | NI | 7.47 | NI | NI | NI | NI |
| 3/2/2000 | 5.60 | NI | 5.10 | NI | 5.80 | 5.03 | 6.86 | 5.34 | 5.72 | 4.88 | NI | NI | 7.40 | NI | NI | NI | NI |
| 4/19/2000 | 5.35 | NI | 4.88 | NI | 5.42 | 4.86 | 6.77 | 5.02 | 5.37 | 4.65 | NI | NI | 5.38 | NI | NI | NI | NI |
| 7/6/2000 | 5.38 | NI | 5.01 | NI | 5.50 | 5.01 | 7.00 | 5.09 | 5.46 | 4.81 | NI | NI | 5.18 | NI | NI | NI | NI |
| 5/24/2001 | 4.77 | NI | NM | NI | 5.19 | 4.29 | 6.14 | 4.31 | 4.79 | 5.15 | 4.60 | NI | NM | NI | 4.58 | NI | NI |
| 6/29/2001 | NM | NI | NM | NI | NM | NM | NM | NM | NM | NM | NM | 4.01 | NM | NI | NM | 4.12 | NI |
| 7/17/2001 | 7.37 | NI | 7.10 | NI | 7.60 | 7.02 | 9.07 | 6.95 | 7.50 | 6.83 | 7.12 | 5.82 | 6.78 | NI | 7.15 | 5.98 | NI |
| 10/4/2001 | NM | NI | 8.02 | NI | 8.50 | NM | 9.89 | 7.89 | NM | NM | 8.06 | 6.85 | NM | NI | 8.02 | 6.86 | 8.43 |
| 12/12/2002 | 7.48 | NI | 7.09 | NI | 7.62 | 7.11 | 8.78 | 7.00 | 7.56 | 6.91 | 7.30 | 5.97 | 6.19 | NI | 6.70 | 6.06 | 7.25 |
| 6/23/2003 | Abandoned | 12.79 | Abandoned | NM | 8.22 | 7.89 | 9.57 | 7.70 | 8.21 | 7.49 | 7.97 | 6.77 | Abandoned | 30.16 | 7.90 | 6.77 | 8.90 |
| 9/30/2003 | Abandoned | 13.01 | Abandoned | 13.64 | 13.22 | 12.69 | 14.70 | 12.53 | 13.10 | 12.21 | 12.76 | 12.61 | Abandoned | 10.13 | 12.67 | 11.68 | 13.36 |
| 4/29/2004 | Abandoned | 9.28 | Abandoned | 9.74 | 9.55 | 9.01 | 10.08 | 8.93 | 9.47 | 8.64 | 9.19 | 8.12 | Abandoned | 16.51 | 9.34 | 8.18 | 10.80 |
| 7/27/2004 | Abandoned | 10.75 | Abandoned | 11.34 | 10.90 | 10.62 | 12.42 | 10.23 | 10.87 | 10.17 | 10.54 | 9.46 | Abandoned | 11.07 | 10.11 | 9.64 | 11.68 |
| 10/25/2004 | Abandoned | 11.42 | Abandoned | 11.97 | 11.60 | 10.98 | 11.94 | 10.96 | 11.56 | 10.58 | 11.21 | 10.02 | Abandoned | 11.30 | 22.41 | 10.18 | 12.00 |
| 1/27/2005 | Abandoned | 11.17 | Abandoned | 11.81 | 11.41 | 11.06 | 12.49 | 11.02 | 11.31 | 10.47 | 11.05 | 9.73 | Abandoned | 11.21 | 11.86 | 9.83 | 11.86 |
| 7/27/2005 | Abandoned | 10.68 | Abandoned | 11.38 | 11.06 | 10.46 | NM | NM | NM | NM | 10.56 | NM | Abandoned | 10.73 | 10.41 | 9.50 | NM |
| 1/17/2006 | Abandoned | 4.26 | Abandoned | 11.89 | 12.14 | 11.35 | 12.99 | NM | 11.97 | 11.16 | 11.53 | 10.57 | Abandoned | 11.64 | 11.50 | 10.63 | 12.93 |
| 4/9/2008 | Abandoned | 4.29 | Abandoned | 3.05 | 7.33 | 6.42 | 12.06 | NM | 9.54 | 6.87 | Abandoned | 5.02 | Abandoned | 6.50 | Abandoned | 5.17 | 7.30 |
| 7/23/2008 | Abandoned | 6.35 | Abandoned | 6.85 | Abandoned | 5.53 | NM | NM | NM | NM | Abandoned | NM | Abandoned | 5.99 | Abandoned | 4.85 | 6.88 |
| 1/30/2009 | Abandoned | 13.93 | Abandoned | Dry | Abandoned | Dry | 16.48 | 13.56 | 13.04 | Dry | Abandoned | Dry | Abandoned | 15.11 | Abandoned | 13.14 | 15.58 |
| 7/23/2009 | Abandoned | 11.34 | Abandoned | 9.48 | Abandoned | 11.14 | 12.89 | 10.95 | 11.37 | 10.75 | Abandoned | 10.21 | Abandoned | 9.80 | Abandoned | 10.32 | 12.49 |
| 1/20/2010 | Abandoned | 12.23 | Abandoned | 11.29 | Abandoned | 11.92 | NM | NM | NM | 11.59 | Abandoned | Abandoned | Abandoned | 12.12 | Abandoned | Abandoned | 12.98 |
| 7/29/2010 | Abandoned | 3.72 | Abandoned | 4.91 | Abandoned | 4.66 | 3.98 | 4.44 | 5.09 | 4.45 | Abandoned | Abandoned | Abandoned | 4.80 | Abandoned | Abandoned | 5.58 |
| Groundwater Elevation | | | | | | | | | | | | | | | | | |
| 1/6/2000 | 1260.85 | NI | 1260.93 | NI | 1260.92 | 1260.86 | 1261.06 | 1260.85 | NI | NI | NI | NI | 1262.05 | NI | NI | NI | NI |
| 3/2/2000 | 1264.10 | NI | 1264.29 | NI | 1264.03 | 1264.20 | 1264.69 | 1263.89 | 1264.10 | 1264.03 | NI | NI | 1262.12 | NI | NI | NI | NI |
| 4/19/2000 | 1264.35 | NI | 1264.51 | NI | 1264.41 | 1264.37 | 1264.78 | 1264.21 | 1264.45 | 1264.26 | NI | NI | 1264.14 | NI | NI | NI | NI |
| 7/6/2000 | 1264.32 | NI | 1264.38 | NI | 1264.33 | 1264.22 | 1264.55 | 1264.14 | 1264.36 | 1264.10 | NI | NI | 1264.34 | NI | NI | NI | NI |
| 5/24/2001 | 1264.93 | NI | NM | NI | 1264.64 | 1264.94 | 1265.41 | 1264.92 | 1265.03 | 1263.76 | 1264.67 | NI | NM | NI | 1264.68 | NI | NI |
| 6/29/2001 | NM | NI | NM | NI | NM | NM | NM | NM | NM | NM | NM | 1260.11 | NM | NI | NM | 1263.72 | NI |
| 7/17/2001 | 1262.33 | NI | 1262.29 | NI | 1262.23 | 1262.21 | 1262.48 | 1262.28 | 1262.32 | 1262.08 | 1262.15 | 1261.99 | 1262.74 | NI | 1262.11 | 1261.86 | NI |
| 10/4/2001 | NM | NI | 1261.37 | NI | 1261.33 | NM | 1261.66 | 1261.34 | NM | NM | 1261.21 | 1260.96 | NM | NI | 1261.24 | 1260.98 | 1259.83 |
| 12/12/2002 | 1262.22 | NI | 1262.30 | NI | 1262.21 | 1262.12 | 1262.77 | 1262.23 | 1262.26 | 1262.00 | 1261.97 | 1261.84 | 1263.33 | NI | 1262.56 | 1261.78 | 1261.01 |
| 6/23/2003 | Abandoned | 1256.91 | Abandoned | NM | 1261.61 | 1261.34 | 1261.98 | 1261.53 | 1261.61 | 1261.42 | 1261.30 | 1261.04 | Abandoned | 1239.40 | 1261.36 | 1261.07 | 1259.36 |
| 9/30/2003 | Abandoned | 1256.69 | Abandoned | 1256.70 | 1256.61 | 1256.54 | 1256.85 | 1256.70 | 1256.72 | 1256.70 | 1256.51 | 1255.20 | Abandoned | 1259.43 | 1256.59 | 1256.16 | 1254.90 |
| 4/29/2004 | Abandoned | 1260.42 | Abandoned | 1260.60 | 1260.28 | 1260.22 | 1261.47 | 1260.30 | 1260.35 | 1260.27 | 1260.08 | 1259.69 | Abandoned | 1253.05 | 1259.92 | 1259.66 | 1257.46 |
| 7/27/2004 | Abandoned | 1258.95 | Abandoned | 1259.00 | 1258.93 | 1258.61 | 1259.13 | 1259.00 | 1258.95 | 1258.74 | 1258.73 | 1258.35 | Abandoned | 1258.49 | 1259.15 | 1258.20 | 1256.58 |
| 10/25/2004 | Abandoned | 1258.28 | Abandoned | 1258.37 | 1258.23 | 1258.25 | 1259.61 | 1258.27 | 1258.26 | 1258.33 | 1258.06 | 1257.79 | Abandoned | 1258.26 | 1246.85 | 1257.66 | 1256.26 |
| 1/27/2005 | Abandoned | 1258.53 | Abandoned | 1258.53 | 1258.42 | 1258.17 | 1259.06 | 1258.21 | 1258.51 | 1258.44 | 1258.22 | 1258.08 | Abandoned | 1258.35 | 1257.40 | 1258.01 | 1256.40 |
| 7/27/2005 | Abandoned | 1259.02 | Abandoned | 1258.96 | 1258.77 | 1258.77 | NM | NM | NM | NM | 1258.71 | NM | Abandoned | 1258.83 | 1258.85 | 1258.34 | NM |
| 1/17/2006 | Abandoned | 1265.44 | Abandoned | 1258.45 | 1257.69 | 1257.88 | 1258.56 | NM | 1257.85 | 1257.75 | 1257.74 | 1257.24 | Abandoned | 1257.92 | 1257.76 | 1257.21 | 1255.33 |
| 4/9/2008 | Abandoned | 1265.41 | Abandoned | 1267.29 | 1262.50 | 1262.81 | 1259.49 | NM | 1260.28 | 1262.04 | Abandoned | 1262.79 | Abandoned | 1263.06 | Abandoned | 1262.67 | 1260.96 |
| 7/23/2008 | Abandoned | 1263.35 | Abandoned | 1263.49 | Abandoned | 1263.70 | NM | NM | NM | NM | Abandoned | NM | Abandoned | 1263.57 | Abandoned | 1262.99 | 1261.38 |
| 1/30/2009 | Abandoned | 1255.77 | Abandoned | Dry | Abandoned | Dry | 1255.07 | 1255.67 | 1256.78 | Dry | Abandoned | Dry | Abandoned | 1254.45 | Abandoned | 1254.70 | 1252.68 |
| 7/23/2009 | Abandoned | 1258.36 | Abandoned | 1260.86 | Abandoned | 1258.09 | 1258.66 | 1258.28 | 1258.45 | 1258.16 | Abandoned | 1257.60 | Abandoned | 1259.76 | Abandoned | 1257.52 | 1255.77 |
| 1/20/2010 | Abandoned | 1257.47 | Abandoned | 1259.05 | Abandoned | 1257.31 | NM | NM | NM | 1257.32 | Abandoned | Abandoned | Abandoned | 1257.44 | Abandoned | Abandoned | 1255.28 |
| 7/29/2010 | Abandoned | 1265.98 | Abandoned | 1265.43 | Abandoned | 1264.57 | 1267.57 | 1264.79 | 1264.73 | 1264.46 | Abandoned | Abandoned | Abandoned | 1264.76 | Abandoned | Abandoned | 1262.68 |

NM = Not Measured
NI = Not Installed
=Elevation Above Top of Screen

RIGHT-OF-WAY

REI
CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING

Transportation • Municipal • Site Development • GPS
Remediation • Environmental Assessments • Emergency Response • Safety

April 26, 2011

Mr. Jim Mertens
Village of Withee
504 Division Street
Withee, WI 54498

Subject: Former Pogo's Hardware
516 West Mill Street
Withee, WI
WDNR BRRTS # 03-10-201999
Commerce # 54498-9789-16

Dear Mr. Mertens:

This letter is to inform you that the above referenced site being submitted for closure to the Wisconsin Department of Natural Resources (WDNR). Residual groundwater contamination originating from the site may be present on Village of Withee property located beneath the **Mill Street Right-Of-Way and the Withee water treatment plant parcel known as Clark County Parcel Number 191,0229.000, Village of Withee, Clark County, WI.**

This groundwater contamination will be recorded with the Wisconsin Department of Natural Resources (WDNR) through a geographic information systems (GIS) listing. This letter is notification to you as owner of the above listed property, and is a requirement of the GIS process.

Groundwater contamination appears to have originated at the subject property at 516 West Mill Street, Withee, WI. The levels of benzene and 1,2 Dichloroethane in the groundwater on the property may be above the groundwater Enforcement Standard levels found in chapter NR 140, Wisconsin Administrative Code. However, the remaining groundwater contaminant plume is stable or receding and will naturally degrade over time. Allowing natural attenuation to complete the cleanup at these sites will meet the requirements for case closure that are found in Chapter NR 726 and Chapter COMM 46, Wisconsin Administrative Code, and REI Engineering, Inc, (REI) will be requesting that the WDNR accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

Since the source of the groundwater contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this

F:\reiproj\1300-1399\1346\Letters\Client\1346fl.doc

4080 N. 20TH AVENUE • WAUSAU, WI 54401 • TOLL FREE: 1.877.734.7745 • TEL: 715.675.9784
FAX: 715.675.4060 • www.REIengineering.com

RIGHT-OF-WAY



groundwater contamination, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statues, including allowing access to your property for environmental investigation or cleanup if access is required. To obtain a copy of the Department of Natural Resources' publication #RR-589, Fact Sheet 10: Guidance for dealing with Properties Affected by Off-Site Contamination, you may visit http://www.dnr.wi.gov/org/aw/rr/archives/pubs/RR589.pdf.

The WDNR will not review the closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the WDNR to provide any technical information that is relevant to this closure request. You should mail that information to: *Gina Keenan, WDNR, P.O. Box 4001, Eau Claire, WI 54702-4001.*

When 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 Department of Natural Resources 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 that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect.

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

If you need more information, you may contact me at (715) 675-9784, or *Gina Keenan, WDNR, P.O. Box 4001, Eau Claire, WI 54702-4001, (715) 839-3765.*

Sincerely,
REI Engineering, Inc.

Andrew R. Delforge, P.G.
Hydrogeologist/Project Manager

CC: Allen Niemi, 306 South Thomas Street, Loyal, WI 54446