

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Gloria L. McCutcheon, Regional Director

Plymouth Service Center  
1155 Pilgrim Rd.  
P.O. Box 408  
Plymouth, Wisconsin 53073-0408  
Telephone 920-892-8756  
FAX 920-892-6638

October 31, 2008

Ruth Anne and Steve Proko  
River Center Dry Cleaners  
6093 West Mequon Rd.  
Mequon, WI 53092

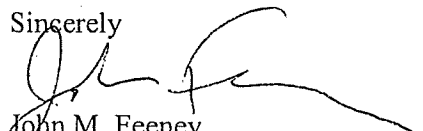
Dear Mr. and Mrs. Proko:

Subject: Case closure, Ruth Anne's River Center Dry Cleaners, 6093 West Mequon Rd., Mequon, file reference FID #246134790, BRRTS #0246551851.

Thank you for submitting a closure request and a Geographic Information System soil registry package. The Wisconsin Department of Natural Resources (WDNR) considers this case closed based on the investigative and remedial documentation provided, having determined that no further action is necessary at the site at this time. However, 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 the environment. If residual soil contamination is excavated at the site in the future, it must be properly characterized and disposed of, and the WDNR must be notified.

I grant variance under s. NR 140.28 for having concentrations in ground water in exceedence of the preventative action limit listed in ch. NR 140 at the location of temporary monitoring wells WB-2 and WB-3. These minor concentrations should naturally degrade. If you have any questions about this letter, please call me at 920-892-8756 extension 3023.

Sincerely



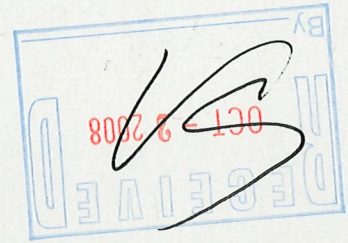
John M. Feeney  
Wisconsin Department of Natural Resources

Cc: PEP Environmental Services, Inc.  
SER File

# **PEP Environmental Services, LLC**

September 30, 2008

Mr. John Feeney -  
c/o: Victoria Stovall  
WDNR  
2300 N. Dr. Martin Luther King, Jr., Dr.  
Milwaukee, WI 53212



Re: GIS Registry Checklist: Ruthanne's River Center Dry Cleaners site, 6093 West Mequon Road, Mequon, Ozaukee County, Wisconsin. WDNR BRRTS #: 02-46-551851 and PEP Project #: 28006.01

Dear John,

I have enclosed the WDNR GIS Registry Checklist Form (4400-245) for the Ruthanne's River Center Dry Cleaners site, 6093 West Mequon Road, Mequon, Ozaukee County, Wisconsin.

We believe we have included all of the necessary information for you to review.

If you have any questions or need any supplemental information, you can contact me directly at (414) 801-1730 or by email at pepenviro@core.com.

Sincerely,

Peter E. Pavalko, CHMM  
Environmental Scientist

cc: Mr. Steve Proko, Ruthanne's River Center Dry Cleaners, 6093 W. Mequon Road, Mequon, WI 53092

*Sent GIS to Andy  
12/23/08  
JF.*

**PEP Environmental Services, LLC**

7147 Cedar Sauk Road, Saukville, WI 53080-2452

Phone: 414-801-1730 Fax: 262-675-2062 Email: pepenviro@core.com

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

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

BRRTS #: 02-46-551851 PARCEL ID #: 14-050-04-02-001  
ACTIVITY NAME: RUTHANNE'S RIVER CENTER DRY CLEANER WTM COORDINATES: X: 683754 Y: 307267

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

- Closure Letter
- Maintenance Plan (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Conditional Closure Letter
- Certificate of Completion (COC) for VPLE sites

**SOURCE LEGAL DOCUMENTS**

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.  
*Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)). *PORTIONS OF SURVEY ARE INCLUDED.*  
Figure #: \_\_\_\_\_ Title: \_\_\_\_\_
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

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

- Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.
- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.  
*Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*  
Figure #: 1 Title: SITE LOCATION MAP
  - Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
Figure #: 2 Title: SITE FEATURES + BORING LOCATIONS
  - Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
Figure #: 3 Title: ESTIMATED EXTENT OF SOIL CONTAMINATION

BRRS #: **02-46-551851**

ACTIVITY NAME: **RUTHANNE'S River Center Dry Cleaner**

**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 #:                      Title: **SEE FIGURE 3**

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 #: **4**                      Title: **Est. Extent of Groundwater Contamination**

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

Figure #: **4**                      Title: **Est. Extent of Groundwater Contamination**

Figure #:                      Title:

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

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

**Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.

*Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.*

Table #: **1**                      Title: **ANALYTICAL RESULTS - SOIL**

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

Table #: **2**                      Title: **ANALYTICAL RESULTS - GROUNDWATER**

**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 #:                      Title: **NA - NO MONITORING WELLS**

**IMPROPERLY ABANDONED MONITORING WELLS**

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

*Note: If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

**Not Applicable**

**Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

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

Figure #:                      Title:

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

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

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

BRRTS #: 02-46-551851

ACTIVITY NAME: RUTHANNE'S RIVER Center Dry Clean

**NOTIFICATIONS**

**Source Property**

**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. - See pg. 2 of letter - Prop. owner signed acknowledging receipt.

**Off-Source Property NA**

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

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

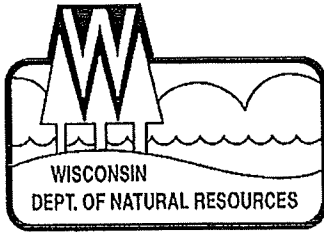
**Number of "Off-Source" Letters:** 0

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

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

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

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



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Matthew J. Frank, Secretary

101 S. Webster St.  
Box 7921  
Madison, Wisconsin 53707-7921  
Telephone 608-266-1967  
FAX 608-267-0496  
TTY Access via relay - 711

August 7, 2008

REF: BRRTS # 02-46-551851

Ms. Ruthanne Proko  
Ruthanne's River Centre Cleaners  
6093 W. Mequon Rd  
Mequon, WI 53092

Subject: Potential Claim Notification for Ruthanne's River Centre Cleaners in Mequon

Dear Ms. Proko,

The purpose of this letter is to acknowledge the receipt of your potential claim notification for the Dry Cleaners Environmental Response Fund (DERF). As required by s. 292.65(4)(d), Wis. Stats., I am advising you that, based on the preliminary information you provided on the Potential Claim Notification form, I estimate that you are eligible to apply to DERF for reimbursement of your cleanup costs.

Due to increasing demand on the DERF for reimbursements, it is likely that reimbursements will be delayed. At this time, we are unable to predict the length of this delay in reimbursement, but audited claims will be reimbursed on a first-come, first-serve basis as funds become available.

Complete information and details of the dry-cleaning program are available on-line at <http://www.dnr.state.wi.us/org/aw/rr/financial/dryclean.html>.

Please keep in close contact with your DNR Project Manager, **John Feeney** at 920-892-8756 ext 3023 in Plymouth throughout the entire clean up and site investigation bidding process. Be sure to communicate with your DNR Project Manager because you will need his approval sign off on the site investigation bid before work gets started, in order to get reimbursed for any work.

Please call me (608)-266-1967 if you have any questions about the program or the reimbursement process. Thank you for participating in this important project.

Sincerely,

Jillian Steffes  
Dry Cleaning Fund Manager

cc: John Feeney – DNR – Plymouth

# PEP Environmental Services, LLC

July 20, 2008

Mr. John Feeney  
WDNR  
2300 N. Dr. Martin Luther King, Jr., Dr.  
Milwaukee, WI 53212

Re: Request for Closure: Ruthanne's River Center Dry Cleaners site, 6093 West Mequon Road, Mequon, Ozaukee County, Wisconsin (Figure 1). WDNR BRRTS #: 02-46-551851 and PEP Project #: 28006.01

Dear John,

I have enclosed the WDNR Case Summary and Close Out Form (NR 4400-202) for the Ruthanne's River Center Dry Cleaners site, 6093 West Mequon Road, Mequon, Ozaukee County, Wisconsin.

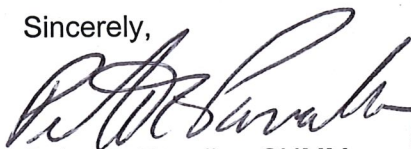
We believe we have included all of the necessary information for you to review the site for closure. A \$750 check from Ruthanne's River Center Cleaners, Inc., for the WDNR's review fee is also enclosed.

The work completed at the site includes the completion of three soil borings, one shallow below the building slab, and two 15-foot deep borings with the collection of groundwater samples. We also sampled the two potable wells that serve the site and collected information on the potable wells construction features.

It appears there has been a very minor release of PCE at the site. We are recommending, and our client has agreed, that to be certain that the public's health is protected, the potable well nearest to, and in the presumed downgradient direction from the cleaners, shall be sampled for VOCs annually.

If you have any questions or need any supplemental information, you can contact me directly at (414) 801-1730 or by email at [pepenviro@core.com](mailto:pepenviro@core.com).

Sincerely,



Peter E. Pavalko, CHMM  
Environmental Scientist



cc: Mr. Steve Proko, Ruthanne's River Center Dry Cleaners, 6093 W. Mequon Road, Mequon, WI 53092

**PEP Environmental Services, LLC**  
7147 Cedar Sauk Road, Saukville, WI 53080-2452  
Phone: 414-801-1730 Fax: 262-675-2062 Email: [pepenviro@core.com](mailto:pepenviro@core.com)

WDNR BRRTS CASE # 02 - 46 - 551851 WDNR SITE NAME : RUTHANNE'S RIVER CENTER DRY CLEANER

**WISCONSIN DEPARTMENT OF NATURAL RESOURCES  
Bureau for Remediation and Redevelopment**

This form is intended to provide instructions and a list of information that must be submitted for evaluation for case closure, each time a request is made. 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.].

In order to expedite the closure process, provide a complete and accurate closure package according to the following instructions, each time a closure decision is requested:

- Submit the Case Closure Request form and the required attachments as a stand-alone, **unbound** package. Include all information requested per section, as appropriate to the site, in the order shown. Include all attachments per section, as appropriate. Do not attach previously submitted reports. Correctly reference any reports in the case summary, as applicable.
- Include fees with this request at the time it is submitted to the department in order for the application to be considered complete.
- Specify your selected closure option.
- **Use forms 4400-245 and 4400-246 for Section H.** Include all **GIS Registry information** (in Section H) as a stand-alone document (*do not refer to materials in other attachments*). Include copies of all off-source property and ROW notifications.
- Place a √ (attached) or NA (not applicable) in the blank next to each attachment, in each section.
- Include a maintenance plan, if it is required for the implemented remedial action.
- **Maps for the GIS Registry may not be larger than 8.5 x 14 inches**, unless maps are submitted in electronic form in portable document format (pdf) readable by the Adobe Acrobat Reader. For electronic document submittal requirements, see <http://www.dnr.wi.gov/org/aw/tr/archives/pubs/RR690.pdf>.
- Prepare maps according to the applicable portions of ss. NR 716.15(2)(h)1 and 726.05(3)(a)4.d. Prepare visual aids, including maps, plans, drawings, cross sections, fence diagrams, tables and photographs according to s. NR 716.15(2)(h)1. – 4.
- **Use a bold font** on information of importance on tables, maps and figures. A **bold font (for ES exceedances)** and *italics (for PALs)* are preferred when differentiation is necessary. **Please do not use shading or highlights** on any of the analytical tables (per s. NR 726.05(3)) and maps as the shading obscures the information that is scanned for inclusion in the GIS Registry.
- Put multiple tables submitted for contaminated media data (eg. pre- and post-remedial data) in chronological order. Include the level of detection for results which are below the detection level (i.e. do not just list as no detect (ND)). Summaries of all data should include information collected by previous consultants. Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15(2)(g)3 in the format required in s. NR 716.15(2)(h)3.
- Document free product recovery estimates as required in s. NR 708.15, if applicable.



WDNR BRRTS CASE # 02-46-551851 WDNR SITE NAME: RUTHANNE'S RIVER CT. Dry Cleaners

**Section A: Case History and Closure Pathway Selected**

**ATTACHMENTS:**

- A brief site summary including results of all investigative activities, interim and remedial actions taken, a description of any residual soil and/or groundwater contamination and their locations, a description of any other media affected, and a description of how actual and potential impacts to receptors have been addressed.
- Site location map on USGS topographic base map.
- Site map including buildings, utilities, property lines of source property and impacted non-source properties, ground cover and supply wells, including any municipal wells. *These maps may be combined.*
- Verification of the zoning for affected properties.

**INFORMATION NEEDED:**

1. Site Name RUTHANNE'S RIVER CENTER DRY CLEANERS  
 Street Address: 6093 W. MEQUON RD.  
 City/Zip Code: MEQUON WI 53092
2. BRRTS #: 02-46-551851
3. DNR FID #: 246134790 PECFA Claim#: NA
4. Responsible Party Name RUTHANNE'S RIVER CENTER DRY CLEANERS  
 Mailing Address: 6093 W. MEQUON RD City/Zip Code: MEQUON WI 53092  
 Phone number: 262-853-7484 Contact Person: STEVE PROKO
5. Date of Incident/Discovery: 6-5-08 Contaminant Type(s): PER PCE
6. Quantity Released: FUGITIVE EMISSIONS
7. Land Use:  
 Current : \_\_\_\_\_ Residential  Commercial \_\_\_\_\_ Industrial \_\_\_\_\_ Other \_\_\_\_\_  
 If other, specify: \_\_\_\_\_  
 Planned Post Remediation : \_\_\_\_\_ Residential  Commercial \_\_\_\_\_ Industrial \_\_\_\_\_ Other \_\_\_\_\_  
 If other, specify: \_\_\_\_\_
8. Is a zoning change required? \_\_\_\_\_ Y  N  
 If so, has it been completed for post remedial land use? \_\_\_\_\_ Y \_\_\_\_\_ N
9. \_\_\_\_\_ Acres ready for use (The total area in acres of all adjacent tax parcels owned by the same entity on the site where the contamination originated, rounding fractions to nearest .5 acre and noting >100 acres for acreages above 100 acres. For multiple discharges that are cleaned up concurrently, count the acres once.)
10. Geographic Coordinates (meters/ WTM83/91) E X683754 N Y307267
11. Method Used to Obtain Geographic Coordinates:  
 \_\_\_\_\_ On-site using GPS equipment, converted or projected into WTM83/91 coordinates  
 \_\_\_\_\_ Used county web map site to get coordinates  
 Used RR Sites Map web site to get WTM83/91 coordinates  
 \_\_\_\_\_ Other (specify): \_\_\_\_\_
12. \*Groundwater Contamination Remaining (>ES):  
 On Source Property \_\_\_\_\_ Y  N  
 Off Source Property \_\_\_\_\_ Y  N
13. \*Residual Soil Contamination > Generic or Site-Specific RCL:  
 On Source Property \_\_\_\_\_ Y  N  
 Off Source Property \_\_\_\_\_ Y  N
14. Contamination in Right of Way: \_\_\_\_\_ Y  N
15. Closure Pathway Selected: check all that apply

<u>CLOSURE via NR 726</u>	
<u>Soil</u>	<u>Groundwater</u>
<input type="checkbox"/> < s. NR 720.09/720.11 Generic RCLs	<input type="checkbox"/> < s. NR 140.10 Table 1 & Table 2 Values
<input checked="" type="checkbox"/> s. NR 720.19(2) Soil Performance Standards	<input checked="" type="checkbox"/> s. NR 140.28(2) PAL Exemption
<input type="checkbox"/> s. NR 720.19(4) Groundwater Pathway	<input type="checkbox"/> s. NR 726.05(2)(b), ≥ ES Natural Attenuation
<input type="checkbox"/> s. NR 720.19(5) Direct Contact	

WDNR BRRTS CASE # 02 - 46 - 551851

WDNR SITE NAME : RUTHANNE'S DRY CLEANER

s. NR 720.19(6) Other Pathways

<u>CLOSURE via NR 746 and NR 726</u>	
<u>Petroleum Storage Tank Soil Options for Closure:</u>	
<input type="checkbox"/> s. NR 746.07 Requirements Met-Post Investigation	
<input type="checkbox"/> s. NR 746.08 Requirements Met-Post Remed.	
<u>Petroleum Storage Tank GW Options for Closure:</u>	<u>Petroleum Storage Tank GW Options for Closure:</u>
<u>Within Permeable Material:</u>	<u>Within Low Permeability Material:</u>
<input type="checkbox"/> s. NR 746.07(3) ≥PAL <ES, Post Investigation	<input type="checkbox"/> s. NR 746.07(2), Post Investigation
<input type="checkbox"/> s. NR746.07(4) >ES, Post Investigation	<input type="checkbox"/> s. NR 746.08(2), Post Remediation
<input type="checkbox"/> s. NR 746.08(3) ≥ PAL, <ES, Post Remediation	
<input type="checkbox"/> s. NR 746.08(4) >ES, Post Remediation	

**Section B: Receptor Summary**

ATTACHMENTS:

- NA Notification(s) regarding contamination in ROW
- MA Notification(s) to off-source property owners regarding sampling results

INFORMATION NEEDED:

1. Identify all pre-remedial actual receptors, the assessed risk and their locations (e.g., both on- and off-site utility corridors, basements or sumps of nearby buildings, direct contact threat from soil, water supplies, surface waters, sediments, vapors, etc.) For definitions, refer to s. NR 700.03 (47), Wis. Adm. Code.  
NO BASEMENT - SLAB ON GRADE FOUNDATION  
SAN. SEWER ~ 50' SOUTH OF DRY CLEANER, BUT DOES NOT APPEAR THAT THE  
PCE HAS MIGRATED THAT FAR.
2. Have the remedial actions addressed the potential or actual impacts to these receptors? NA  
 Y (Details in the case history summary (Section A)).  
 N If no, please identify the nature of the remaining risk and the receptor at risk, if any:  
NO RECEPTORS ARE AT RISK.

**Section C: Soil Investigation Information**

ATTACHMENTS:

- Complete soil data summary table of field screening and laboratory analytical results, including all detects, regardless of ch. NR 720 standards, with dates, sample locations, depths and detection limits. Identify exceedances.
- Map(s) of all pre-remedial soil sampling locations: depicting all soil sample locations relative to site facilities. Note in bold font those sample locations that exceed ch. NR 720 RCLs (including free product location) and delineate the extent of contamination.
- Pre-remedial geologic cross-sections; including geology, source location(s), extent of soil and groundwater contamination, free product location/depth, soil sample locations, water table elevation, and bedrock elevation, if encountered.

INFORMATION NEEDED:

1. Extent Defined?  Y  N If not, explain why. \_\_\_\_\_  
PCE IN SOIL JUST BELOW SLAB.
2. Soil Type(s): SILTY SAND + F. GRAVEL
3. Depth of Contamination: Top: 1 Bottom: ~10'

WDNR BRRTS CASE # 02-46-551851 WDNR SITE NAME: RUTHANNE'S Dry Cleaner

4. Type of Bedrock: Dolomite Depth to Bedrock: ?  
5. Is Any Contaminated Soil (Unsaturated or Saturated) in Contact With the Bedrock? Y X N  
6. Measurable Free Product? Y X N Depth/Location: \_\_\_\_\_

**Section D: Soil Remediation Information** NA - No Remediation

ATTACHMENTS:

- \_\_\_\_\_ Map showing remediated area (for example, excavation limits or area influenced by SVE) and locations of post-remediation soil samples (if any). This map should show the locations and extent of residual soil contamination exceeding ch. NR 720 RCLs. These samples should be noted in bold font. A copy of the map(s) from Section H(form 4400-245) may be used.  
\_\_\_\_\_ Soil disposal documentation  
\_\_\_\_\_ NR 720.19 analysis, assumptions and calculations for site specific RCLs (SSRCLs) , with justification  
\_\_\_\_\_ Calculations and results of EPA Soil Screening Level Model.  
\_\_\_\_\_ Post-remedial cross-section(s) with post remedial soil sampling results, if soil removal or treatment has occurred. Identify sample results and depths. A copy of the cross-section(s) from Section H(form 4400-245) may be used or you may refer to the cross-section(s) in Section E, as appropriate.  
\_\_\_\_\_ see Section E

INFORMATION NEEDED:

1. Remedial Action Completed? Y X N  
2. Were immediate or interim actions conducted? Y X N If yes, what action was taken?  
\_\_\_\_\_  
3. Brief description of remedial action taken:  
\_\_\_\_\_  
4. Were soils excavated? Y X N  
Quantity: \_\_\_\_\_ Disposal Method: \_\_\_\_\_  
5. Final Confirmation Sample Collection Methods:  
\_\_\_\_\_  
6. Final Soil/Drill Cuttings Disposal Location: NA  
\_\_\_\_\_  
7. Estimated volume and depth of in situ soils exceeding ch. NR 720 Table RCLs or Site Specific RCLs:  
\_\_\_\_\_  
8. Estimated volume and depth of in situ soils exceeding ch. NR 746 Table 1 or Table 2 or Site Specific RCLs (underground petroleum tank systems, as defined in ch. NR 746 only):  
\_\_\_\_\_  
9. s. NR 720.19 Analysis? Y Y N  
\_\_\_\_ Performance Standard -NR 720.19(2)  
\_\_\_\_ SSRCL - NR 720.19(3) and (4),(5) or (6)  
10. If the remedy includes a Soil Performance Standard, what type? not applicable  
Cap Soil Building Natural Attenuation of Groundwater Other  
Specify other: \_\_\_\_\_  
11. Will the maintenance of the SPS be consistent with the planned post remediation land use?  
Y N If No, please explain: \_\_\_\_\_  
12. Is the EPA Soil Screening Level Model used as justification for closure of sites with residual contaminated soils?  
Y N Are the input numbers used: Site Specific , or WI Defaults?

**Section E: Groundwater Information**

ATTACHMENTS:

- ✓ Table identifying all contaminants, summarizing all pre- and post-remediation groundwater analytical results, with sample collection dates (prepared in accordance with guidance document RR-628)  
✓ Groundwater sample location map showing the site facilities and all monitoring wells, sumps, extraction wells, and potable and non-potable wells. SEE ATTB.

WDNR BRRTS CASE # 02-46-551851 WDNR SITE NAME: RUTHANNE'S Dry Cleaner

- NA Isoconcentration map(s) when included as part of the site investigation or map(s) of the horizontal extent of contamination based on most recent data. A copy of the map(s) from Section H (from 4400-245) may be used.
- NA - to the SE A map showing groundwater flow direction(s) and summarizing the maximum variation in flow direction. Multiple maps may be used. A copy of the map(s) from Section H (form 4400-245) may be used.
- NA A table summarizing all groundwater elevations, with dates, and top and bottom elevations of well screens. (Wells are to be referenced to national geodetic survey datum, as per NR 141.065(2)).
- NA Graphs and statistical analyses which demonstrate the dynamics of the groundwater plume, for sites requesting closure using natural attenuation that meet the criteria s. NR 726.05(2)(b) or of s. NR 746 (permeable soils). Refer to WDNR publication RR-614 for guidance.
- NA Geologic cross-sections showing extent of residual soil and/or groundwater contamination, as applicable. A copy of the cross-section(s) from Section H, (form 4400-245) may be used.

**INFORMATION NEEDED:**

1. Extent of Contamination Defined?  Y  N  N/A
2. Remedial Action Completed?  Y  N  N/A  
 Brief Description of Remedial Action Taken: NONE
3. Depth(s) to Groundwater 10' Flow Direction(s): EST - E-SE
4. Field Analyses?  Y  N  
 Lab Analyses?  Y  N
5. 1 # of Sample Rounds  
4 # of Sampling Points  
 # NR 141 Monitoring Wells Sampled  
2 # Temporary GW Sampling Points Sampled  
 # Recovery Sumps Sampled  
 # Municipal Wells Sampled  
2 # Private Wells Sampled
6. Was DNR notified of substances in groundwater without standards?  Y  N  N/A  
 If yes, how many?  What substances?
7. Preventive Action Limit currently exceeded?  Y  N If yes, identify location(s)  
Temp well B-3, Benzene + PCE Temp well B-2, PCE
8. Enforcement Standard currently exceeded?  Y  N If yes, identify location(s)
9. Measurable free product detected?  Y  N Pre-remediation  
 Y  N Post-remediation
10. Was free product remediated?  Y  N  
 Method: NA
- Purge water or free product-groundwater mixture disposal method? NONE-MINIMAL-SAN. SEWER
11. Potable wells within 1200 feet of site?  Y  N  
 Have they been sampled? 2  Y  N  
 Type (i.e. municipal, private, etc.)? Priv. Potable well supply shopping center - both were sampled  
 [NOTE: Include wells on groundwater well location map]
12. Has DNR been provided with all results of private well sampling?  Y  N
13. Have well owners/occupants been notified of results? (Sec. B Attachments)  Y  N  
 (Results also need to be sent to the DNR Water Supply Specialist)
14. Are there any monitoring wells that have not been located for abandonment?  Y  N
15. Identify the property address(es) where the missing well is located:

**Section F. Other Contaminated Media Information:**

WDNR BRRTS CASE # 02 - 46 - 551851

WDNR SITE NAME : RUTHANNE'S Dry Cleaner

ATTACHMENTS:

\_\_\_\_\_ Table of analytical results for all contaminants for media other than soil or groundwater NA

INFORMATION NEEDED:

1. Have other media been impacted (either on-site or off-site e.g. sediment, utilities, air)? Y X N  
Briefly describe type and extent of all contamination found in media other than soil or groundwater:

\_\_\_\_\_

2. Remedial action completed? Y N X N/A

Brief description of remedial action taken: None

\_\_\_\_\_

3. # of Post Remedial Sample Rounds: \_\_\_\_\_

# of Sampling Points: \_\_\_\_\_

Field Analyses? Y N

Lab Analyses? Y N

Section G. Associated Site Closure Information:

ATTACHMENTS: NA

- \_\_\_\_\_ Construction documentation or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), in accordance with s. NR 724.15.
- \_\_\_\_\_ Maps and photos documenting the cap area, and/or integrity of the cap, with date.
- \_\_\_\_\_ Description of any soil performance standard cover system used, including a description of how it meets the requirement to be protective until residual contaminant concentrations no longer pose a threat to public health, safety, welfare or the environment, per s. NR 720.19(2), s. NR 722.09(2) and (3).
- \_\_\_\_\_ Maintenance plan associated with 292.12 land use control or for performance standard remedy. (per ss. NR 720.19(2) and 724.13(2))

INFORMATION NEEDED:

1. Enforcement actions closed out? Y N X N/A

2. Permits closed out? Y N X N/A

3. Describe how the following pathways are protected:

a) Direct Contact Pathway: SITE IS 100% COVERED W/ BUILDING FOUNDATION OR ASPHALT PARKING.

b) Groundwater: \_\_\_\_\_

c) Other: DRY CLEANING machine has DRIP PAN below it.

Section H. Required GIS Registry Information: Use form 4400-245, GIS Registry Checklist, and form 4400-246, Impacted Off-Source Property Information. Submit these forms and their attachments with this closure request form.

**Case Closure Request**

Form 4400-202 (R 5/08)

WDNR BRRTS CASE # 02 - 46 - 551851

WDNR SITE NAME: RUTHANNE'S DCY CLEANUP

I certify that, to the best of my knowledge, the information presented on and attached to this form is true and accurate. This recommendation for case closure is based upon all available data as of 7-8-2008 (date). I have read the Case Closure Request Form instructions and all required information has been included.

Form Completed By: PETER E. PAVALKO

- \$750.00 Closure Review Fee Attached
- \$250.00 GIS Registry Maintenance Fee Attached (GW and/or monitoring well to be abandoned)
- \$200.00 GIS Registry Maintenance Fee Attached (Soil)

Printed Name: PETER E. PAVALKO

Company Name: PEP ENVIRONMENTAL SVC. LLC

Email address: PEPENVIRO@CORE.COM

If not site owner, relationship to site owner: CONSULTANT

Address: 7147 CEDAR SAUK RD. City/Zip Code SAUKVILLE WI 53080

Telephone Number: (414) 801-1730 FAX Number: (262) 675-2062

Source Property Owner's Name (if different from person conducting the cleanup): OWNER OF

RIVER CENTER SHOPPING CENTER: LANCE LICHTER

Address: W63N674 WASHINGTON AVE City/Zip Code CEDARBURG WI 53012

Telephone Number: (262) 375-6868 Email Address: \_\_\_\_\_

Environmental Consultant (if different than above): \_\_\_\_\_

Address: \_\_\_\_\_ City/Zip Code \_\_\_\_\_

Email Address: \_\_\_\_\_

Telephone Number: (\_\_\_\_) \_\_\_\_\_ FAX Number: (\_\_\_\_) \_\_\_\_\_

WDNR BRRTS CASE # 02-46-551851

WDNR SITE NAME : RUTHANNE'S DRY CLEANER

**FOR DEPARTMENT USE ONLY**

PROJECT MANAGER: \_\_\_\_\_ Date Reviewed: \_\_\_\_\_

( ) Approved ( ) Denied ( ) Sent to Committee (Date: \_\_\_\_\_)

CLOSURE COMMITTEE DECISION ON CLOSURE:

FIRST COMMITTEE REVIEW DATE: \_\_\_\_\_ ( ) Approved ( ) Denied

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Signature)

**COMMITTEE RECOMMENDATION:**

\_\_\_\_\_ **Closure Approved With:**

- \_\_\_\_\_ No Restrictions
- \_\_\_\_\_ Listing on GIS Registry due to Groundwater impacts
- \_\_\_\_\_ Listing on GIS Registry due to Soil impacts
- \_\_\_\_\_ Zoning Verification
- \_\_\_\_\_ Well Abandonment Documentation
- \_\_\_\_\_ Soil Disposal Documentation
- \_\_\_\_\_ NR 140 Exemption For: \_\_\_\_\_
- \_\_\_\_\_ VPLE Insurance needed
- \_\_\_\_\_ ROW notification needed
- \_\_\_\_\_ Cap required, maintenance plan needed for cap
- \_\_\_\_\_ Structural Impediment – notification and investigation needed if change in land use
- \_\_\_\_\_ Maintain Zoning - Industrial Land Use soil standards applied  
- notification needed if change in land use
- \_\_\_\_\_ Site Specific Closure Letter
- \_\_\_\_\_ Deed Restriction
- \_\_\_\_\_ Deed Notice
- \_\_\_\_\_ Other

Conditions/Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ **Closure Denied, Needs More:**

- \_\_\_\_\_ Investigation
- \_\_\_\_\_ Groundwater Monitoring
- \_\_\_\_\_ Soil Remediation
- \_\_\_\_\_ Groundwater Remediation
- \_\_\_\_\_ Documentation of Soil Landspreading or Biopile Destiny

Specific Comments:

WDNR BRRTS CASE # 02 - 46 - 551851

WDNR SITE NAME : RUTHANNE'S Dry Cleaner

**FOR DEPARTMENT USE ONLY**

PROJECT MANAGER: \_\_\_\_\_ Date Reviewed: \_\_\_\_\_

( ) Approved ( ) Denied ( ) Sent to Committee (Date: \_\_\_\_\_)

CLOSURE COMMITTEE DECISION ON CLOSURE:

SECOND COMMITTEE REVIEW DATE: \_\_\_\_\_ ( ) Approved ( ) Denied

\_\_\_\_\_  
(Signature)                      (Signature)                      (Signature)                      (Signature)

**COMMITTEE RECOMMENDATION:**

\_\_\_\_\_ **Closure Approved With:**

- \_\_\_\_\_ No Restrictions
- \_\_\_\_\_ Listing on GIS Registry due to Groundwater impacts
- \_\_\_\_\_ Listing on GIS Registry due to Soil impacts
- \_\_\_\_\_ Zoning Verification
- \_\_\_\_\_ Deed Restriction
- \_\_\_\_\_ Deed Notice
- \_\_\_\_\_ Site Specific Close Out Letter
- \_\_\_\_\_ Well Abandonment Documentation
- \_\_\_\_\_ Soil Disposal Documentation
- \_\_\_\_\_ NR 140 Exemption For: \_\_\_\_\_
- \_\_\_\_\_ VPLE Insurance needed
- \_\_\_\_\_ Other Conditions/Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ **Closure Denied, Needs More:**

- \_\_\_\_\_ Investigation
- \_\_\_\_\_ Groundwater Monitoring
- \_\_\_\_\_ Soil Remediation
- \_\_\_\_\_ Groundwater Remediation
- \_\_\_\_\_ Documentation of Soil Landspreading or Biopile Destiny
- \_\_\_\_\_ Specific Comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**ATTACHMENT A**  
**CASE HISTORY SUMMARY**  
**RUTHANNE'S RIVER CENTER DRY CLEANERS SITE**  
**BRRTS # 02-46-551851**

In June 2008, Ruthanne's River Center Dry Cleaners, Inc., requested that PEP Environmental Services, LLC (PEP), complete a Phase II environmental site assessment (ESA) of their facility located at 6093 W. Mequon Road, Mequon, Wisconsin. The purpose of the Phase II ESA was to determine if PCE from the dry cleaning operations had impacted the surrounding soil or groundwater. We completed three soil borings on the property, including one shallow soil boring through the floor slab adjacent to the dry cleaning machine, and two deeper borings in front and back of the dry cleaners. We also collected water samples from two potable wells that serve the property. We identified low levels of PCE in the soil and shallow groundwater around the building. No PCE was detected in the potable well samples.

The results of the Phase II ESA were documented in a Phase II ESA report dated July 20, 2008, and which was sent to the WDNR with this closure request. We notified the Wisconsin Department of Natural Resources (WDNR) of the release on June 16, 2008.

***Property Description and Site History***

The property includes a roughly rectangular shaped tenant space within an in-line strip shopping center. The space is approximately 40 feet wide and 125 feet deep. The dry cleaning machine is located in roughly the center of the store, slightly to the west side of the space. There is no basement and the floor is comprised of a 6-inch thick concrete slab. The site is served by municipal sanitary sewer, which exits the south side of the building and connects to the sanitary sewer main running south of the building. Potable water is provided to the strip center by two potable wells. One well is located near the Piggly Wiggly shopping center about 150 feet west of Ruthanne's; this well is 350 feet deep. A second potable well is located about 20 feet to the southeast of Ruthanne's; this well is 147 feet deep. **Theses two wells are sampled annually by the owner of the mall and PCE has never been detected in the wells.**

The dry cleaning machine vents to the roof of the building. Storm water runoff from the roof flows in two directions off of the roof: to the north through a gutter system that flows directly into underground piping that then flows into the underground storm sewer system, or, it flows off the south end of the building through gutters that discharge directly to the asphalt behind the building.

The tenant space has been utilized as a dry cleaning facility with PCE dry cleaning equipment since about 1990 to the present time. PCE has always been delivered directly to the dry cleaning machine through either secure hoses or in sealed containers. According to Mr. Proko, the dry cleaner's owner, there have never been any large spills of PCE inside or outside the building.

### Soil Characteristics

We primarily encountered silty sand and gravel just below the 6-inch thick concrete slab in boring B-1. We encountered silty sand and gravel in borings B-2 and B-3 and encountered groundwater at about 10 feet bgs in each boring. We also encountered a sticky silty clay material at about 13 feet in boring B-2. The clay layer was also noted in the boring log for the potable well just to the southeast of the dry cleaners. In that log, the clay layer is noted to extend from 20 feet to 55 feet bgs. This clay layer should act as an impediment to the vertical migration of contaminants to the deeper aquifer. Based on topography, groundwater flow is believed to be to the southeast, toward the Milwaukee River, which is located about 1,000 feet to the east of the site.

### Site Investigation Summary

On June 5, 2008, we completed three Geoprobe™ soil borings on the site. We completed one boring (B-1) inside the building, one boring south of the building (B-2), and one boring north of the building (B-3), to assess the potential impact of PCE. We completed boring B-1 by hand to a depth of 2 feet bgs and B-2 and B-3 to 15 feet bgs, using a truck-mounted Geoprobe.

The following is a summary of the borings we completed, including their total depth, depth interval of elevated PID readings, and depth interval of the sample submitted for laboratory analysis:

<u>Boring ID</u>	<u>Total Boring Depth</u>	<u>Depth of Elevated PID Readings</u>	<u>Lab Sample</u>
B-1	2 feet	None	0.5-1.0 feet
B-2	15 feet	None	8-10 feet
B-3	15 feet	None	8-10 feet

We primarily encountered silty sand and gravel just below the 6-inch thick concrete slab in boring B-1. We encountered silty sand and gravel in borings B-2 and B-3 and encountered groundwater at about 10 feet bgs in each boring. We also encountered a sticky silty clay material at about 13 feet bgs in boring B-2. We installed a 5 foot long temporary well screen in borings B-2 and B-3 at a depth of approximately 14 feet bgs to collect groundwater samples. After purging about 3 gallons of water from the borings with a peristaltic pump, the water became relatively clear, and we collected a water sample from each boring; we identified the water samples as WB-2 and WB-3. We did not collect a groundwater sample from boring B-1 because it was so shallow.

We returned to the site on June 19, 2008, to collect water samples sourced from the two potable wells located on-site. One well is located near Piggly Wiggly, and is located about 150 feet west of Ruthanne's; we identified this sample as "West Potable Well". The other potable well is located about 20 feet to the southeast of Ruthanne's; we identified this sample as "East Potable Well".

The three soil samples, two shallow groundwater samples, and two potable well samples we collected for laboratory analysis were analyzed for VOCs (Method EPA 8260) at TestAmerica, in Watertown, Wisconsin.

Field screening soil samples with the PID did not produce any evidence of VOCs. None of the soil samples we collected produced a PID response above 1 instrument unit or had a petroleum or solvent odor.

PCE was detected in the soil samples from B-1 and B-2 at 740 and 39 parts per billion (ppb). PCE was not detected in the soil sample from boring B-3. No other VOCs were detected above the laboratory detection limits in the soil samples submitted to the laboratory.

Water sample WB-2 contained benzene (0.31 ppb), PCE (2.4 ppb), toluene (1.3 ppb), 1,2,4-trimethylebenzene (0.53 ppb), and xylenes (0.96 ppb). PCE was the only compound detected above its PAL of 0.5 ppb.

Water sample WB-3 contained benzene (0.56 ppb), PCE (3.1 ppb), toluene (1.5 ppb), 1,2,4-trimethylebenzene (0.48 ppb), and xylenes (0.95 ppb). PCE and benzene were the only compounds detected above their PAL of 0.5 ppb.

No VOCs were detected above the laboratory detection limits in the two water samples we collected from the potable wells.

There are no receptors in danger of concentrating the PCE.

We suspect the PCE we found at the site is the result of fugitive emissions, and not the result of any significant spills or improper handling of PCE wastes. We do not believe the concentrations of PCE in soil and groundwater are high enough to be a significant threat to human health or the environment. The concentration of PCE in the soil below the building should not result in a significant vapor intrusion problem for future building occupants. The clay layer we encountered in boring B-2 and as noted in the logs for the potable wells, should act as an impediment to the vertical migration of contaminants to the deeper aquifer.

As a condition of closure, we recommend that the owner of Ruthanne's arrange for a water sample to be collected annually from the potable well located just to the southeast of the dry cleaner; the sample should be analyzed for VOCs. This sampling will insure that in the unlikely event that the low levels of PCE we detected in the shallow groundwater ever impact the potable well, they will be identified quickly and protective action can be taken immediately.

# **RELEVANT ATTACHMENTS**

## **Attachment B - Site Information**

Site Location Map

Site Features Map

## **Attachment C – Soil Boring Forms**

Soil Boring Log Information - Form 4400-120

## **Attachment D – Soil Investigation Information**

Tabulated Soil Sample Results

## **Attachment E – Soil Remediation Information**

Not Applicable

## **Attachment F – Groundwater Information**

Tabulated Groundwater Sampling Results

**Attachment B - Site Information**

Site Location Map

Site Features Map

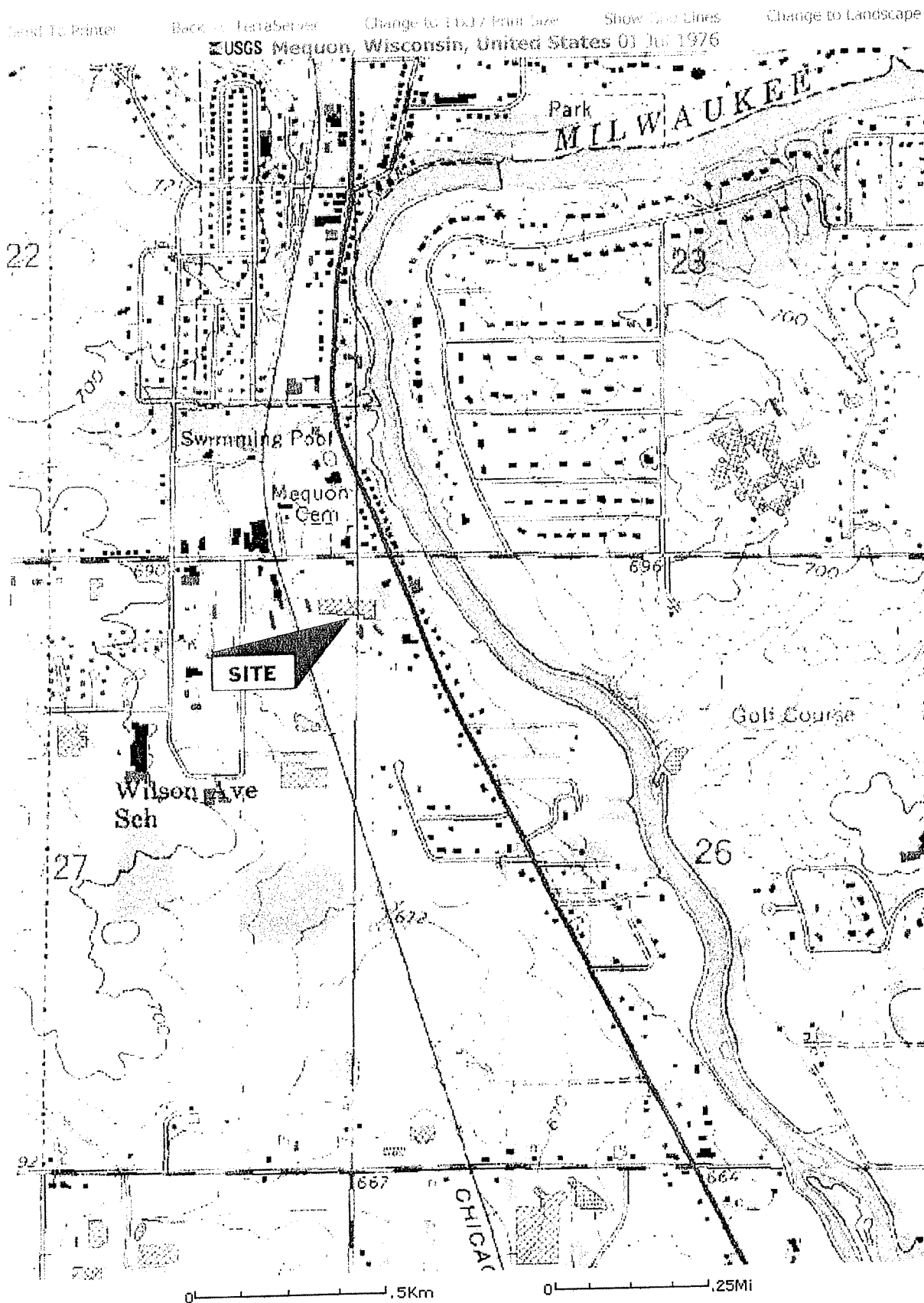
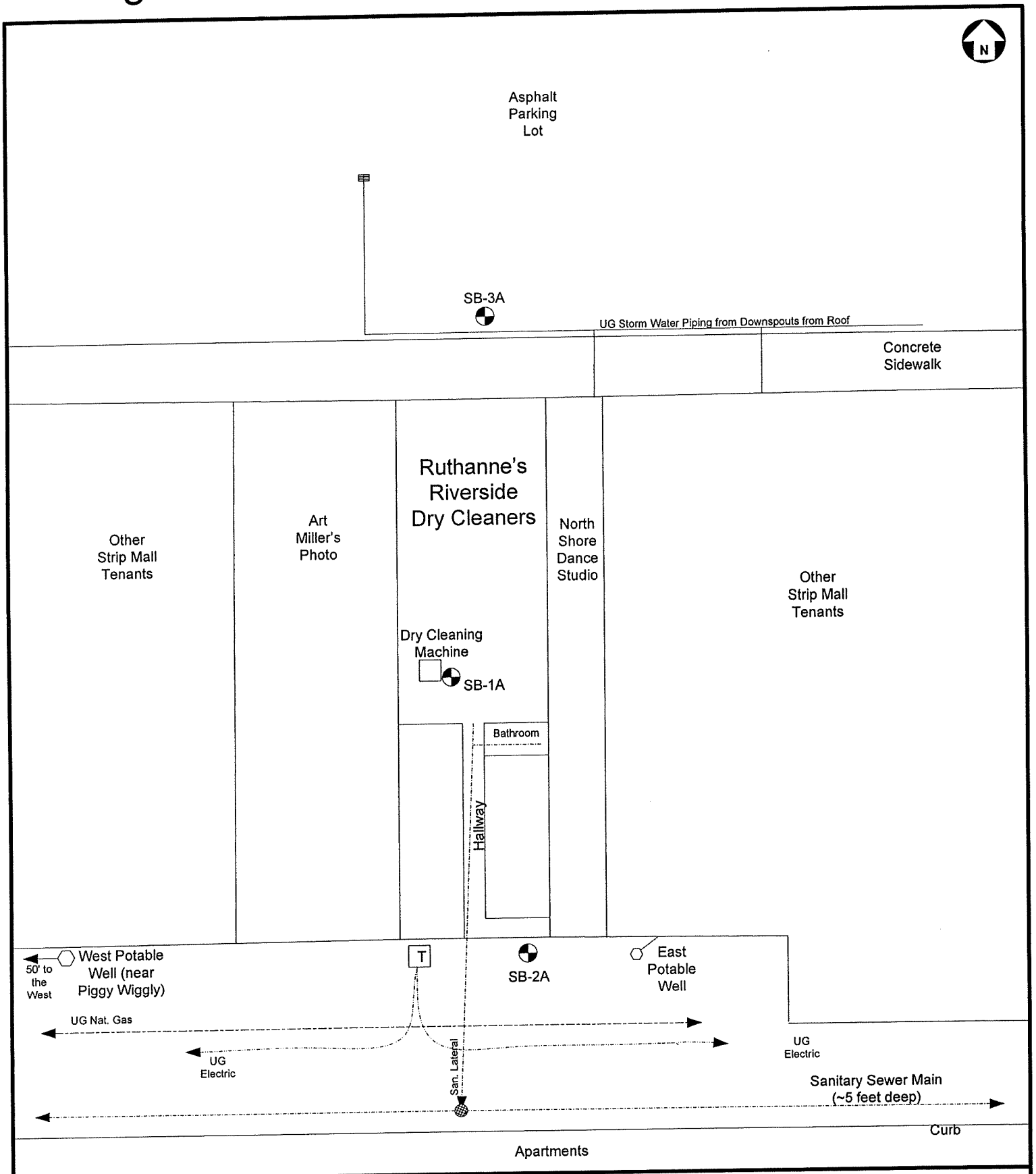






Image courtesy of the U.S. Geological Survey  
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# Figure 2 - Site Features and Boring Locations



<p>  Boring Location and ID                  Potable Well         </p>	<p><b>PEP Environmental Services, LLC</b></p>	
<p>  Electrical Transformer         </p> <p>0 ft.    18 ft.    30 ft.    60 ft.</p> 	<p>Ruthanne's River Center Dry Cleaners Mequon, WI</p>	<p>28006.01</p>

**Attachment C – Soil Boring Forms**

Soil Boring Log Information - Form 4400-120



State of Wisconsin  
Department of Natural Resources

- Route to:
- Solid Waste
  - Emergency Response
  - Wastewater
  - Superfund
  - HazWaste
  - Underground Tanks
  - Water Resources
  - Other

Page    of   

Facility/Project Name: **Ruthanne's River Center Dry Cleaners - 28006.01**

Boring Drilled By (Firm name and name of crew chief): **Soil Essentials/PEP**

License/Permit/Monitoring Number: **B-3**

Date Drilling Started: **6 5 08** (MM/DD/YY)    Date Drilling Completed: **6 5 08** (MM/DD/YY)

Drilling Method: **Geoprobe**

DNR Facility Well No. / Unique Well No.: **[REDACTED]**    Common Well Name: **[REDACTED]**

Final Static Water Level: **[REDACTED]** Feet MSL    Surface Elevation: **[REDACTED]** Feet MSL    Borehole Diameter: **2** inches

Boring Location: State Plane **0** 1/4 of Section **0** T, **0** R, **0**    Lat: **[REDACTED]**    Long: **[REDACTED]**

Local Grid Location (if applicable): Feet **[REDACTED]** N **[REDACTED]** S    Feet **[REDACTED]** N **[REDACTED]** S

County: **Ozaukee**    DNR County Code: **0**    Civil Town/City/or Village: **Mequon**

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties				P 200	RQD/Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index		
SB-3A	36	20	2	Asphalt SILTY SAND				0		D				
			4											
			6	SAND, little SILT, + mod. Amount of Limestone Rock pieces				0		D				
			8	SILTY SAND + Lime Rock + Gravel <b>SB-3A</b>				0		D				
			10	Wet/Moist				0		M/W				
			12					0		W				
			14											
			16	Set steel casing Temp well										
			18	coll. VOC sample WB-3										
			20											
			22											
			24											

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

Signature: **Peter E. Pawalko**    Firm: **PEP Environmental Services, LLC**  
7147 Cedar Sauk Road, Saukville, WI 53080    414-801-1730

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

State of Wisconsin  
Department of Natural Resources

- Route to:
- Solid Waste
  - Emergency Response
  - Wastewater
  - Superfund
  - HazWaste
  - Underground Tanks
  - Water Resources
  - Other

Page    of   

Facility/Project Name <b>Ruthanne's River Center Dry Cleaners - 28006.01</b>		License/Permit/Monitoring Number		Boring Number <b>B-2</b>
Boring Drilled By (Firm name and name of crew chief)		Date Drilling Started <b>6 5 08</b> MM/ DD/ YY	Date Drilling Completed <b>6 5 08</b> MM/ DD/ YY	Drilling Method Geoprobe
Soil Essentials/PEP		Final Static Water Level Feet MSL		Surface Elevation Feet MSL
DNR Facility Well No.	WI Unique Well No.	Common Well Name		Borehole Diameter 2 inches
Boring Location State Plane 0 1/4 of 0 1/4 of Section 0 T, 0 R, 0 E		Lat	Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S	
County <b>Ozaukee</b>		DNR County Code <b>0</b>	Civil Town/City/lor Village <b>Mequon</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
SB-2A	20		2	Asphalt SILTY SAND + fine gravel SOFT				0							
			4	SAME				0							
WB-2	20		6					0							
			8	SILTY SAND + GRAVEL WET VERY WET - SILTY SAND, F. GRAVEL					0						
			10	SAME CHANGING to STICKY, SILTY SOFT CLAY				0							
			12					0							
			14					0							
			16	Set steel Temp. well, Purged ~ 3, + coll.											
			18	Water sample WB-2 - WATER entering hole AT 10-13'											
			20												
			22												
			24												

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

Signature Peter E. Pavalko Firm PEP Environmental Services, LLC  
7147 Cedar Sauk Road, Saukville, WI 53080 414-801-1730

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

State of Wisconsin  
Department of Natural Resources

- Route to:
- Solid Waste
  - Emergency Response
  - Wastewater
  - Superfund
  - HazWaste
  - Underground Tanks
  - Water Resources
  - Other

Facility/Project Name: **Ruthanne's River Center Dry Cleaners - 28006.01**

Boring Drilled By (Firm name and name of crew chief): **Soil Essentials/PEP**

License/Permit/Monitoring Number: **B-1**

Date Drilling Started: **6 5 08** (MM/DD/YY)      Date Drilling Completed: **6 5 08** (MM/DD/YY)

Drilling Method: **Geoprobe Core, HAND POWD**

DNR Facility Well No: **WI Unique Well No**      Common Well Name: **Soil Essentials/PEP**

Final Static Water Level:  Feet MSL      Surface Elevation:  Feet MSL      Borehole Diameter: **2** inches

Boring Location: State Plane  N,  E      Lat:       Long:

Local Grid Location (if applicable): Feet  N,  S      Feet  N,  S

County: **Ozaukee**      DNR County Code: **0**      Civil Town/City/or Village: **Mequon**

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
SB-1A	8"	300 BY HAND	2	INSIDE 2'E. DRY CLEANING MACHINE Concrete - 6"				0						LAB
			4	SILTY SAND SB-1A - C 1' deep EoB SB-1A coll. for VOCs				0						
			8	SILTY SAND + GRAVEL										
			10											
			12											
			14											
			16											
			18											
			20											
			22											
			24											

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

Signature: **Peter E. Pawalko**      Firm: **PEP Environmental Services, LLC**  
7147 Cedar Sauk Road, Saukville, WI 53080      414-801-1730

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 ans 162.06, Wis. Stats.

**Attachment D – Soil Investigation Information**

Tabulated Soil Sample Results

**TABLE 1  
ANALYTICAL RESULTS-SOIL  
RUTHANNE'S RIVER CENTER DRY CLEANERS SITE  
6093 WEST MEQUON ROAD, MEQUON, OZAUKEE COUNTY, WISCONSIN**

Sample Name	NR 720 GENERIC RCLs	COMM 46 Table 1 Values (Groundwater Protection)	COMM 46 Table 2 Values (Direct Contact - Top 4 Feet)	Samples			
				SB-1A	SB-2A	SB-3A	TRIP BLANK
Boring				B-1	B-2	B-3	
Depth (feet)				0.5-1.0	8-10	8-10	
Date				6/5/2008	6/5/2008	6/5/2008	6/5/2008
PID Reading				0	0	0	NA
<b>VOCS (ppb)</b>							
Benzene	5.5	8,500	1,100	< 26	< 27	< 26	< 25
1,1-Dichloroethene	NS	NS	NS	< 26	< 27	< 26	< 25
cis-1,2-Dichloroethene	NS	NS	NS	< 26	< 27	< 26	< 25
trans-1,2-Dichloroethene	NS	NS	NS	< 26	< 27	< 26	< 25
Ethylbenzene	2,900	4,600	NS	< 26	< 27	< 26	< 25
MTBE	NS	NS	NS	< 26	< 27	< 26	< 25
Naphthalene	400	2,700	NS	< 52	< 54	< 53	< 50
Tetrachloroethene (PCE)	NS	NS	NS	740	39	< 26	< 25
Toluene	1,500	38,000	NS	< 26	< 27	< 26	< 25
1,1,2-Trichloroethane	NS	NS	NS	< 26	< 27	< 26	< 35
Trichloroethene	NS	NS	NS	< 26	< 27	< 26	< 25
1,2,4-TMB	NS	83,000	NS	< 26	< 27	< 26	< 25
1,3,5-TMB	NS	11,000	NS	< 26	< 27	< 26	< 25
Total Xylenes	4,100	42,000	NS	< 88	< 92	< 90	< 85

NS = no standard has been established for this compound

RCLs = residual contaminant levels

Underlined values exceed the Generic RCL.

Bolding indicates concentrations above the Table 1 and/or Table 2 (direct contact, top 4 feet) values.

NA = Not analyzed

TMB = trimethylbenzene

MTBE = methyl-tert-butyl-ether

For a complete list of VOCs analyzed, see the laboratory report.

**Attachment E – Soil Remediation Information**

Not Applicable

**Attachment F – Groundwater Information**

Tabulated Groundwater Sampling Results

**TABLE 2  
ANALYTICAL RESULTS - GROUNDWATER  
RUTHANNE'S RIVER CENTER DRY CLEANER SITE  
6093 WEST MEQUON ROAD, MEQUON, OZAUKEE COUNTY, WISCONSIN**

Sample Name	WB-2	WB-3	West Potable Well Sample	East Potable Well Sample	Water Trip Blank	<i>NR 140 Remedial Action Limits</i>	
Location	Temp. Well in B-2	Temp. Well in B-3	West Potable Well near Piggy Wiggly	East Potable Well, Southeast of Ruthanne's	QA/QC		
Date	6/5/2008	6/5/2008	6/19/2008	6/19/2008	6/5/2008		
						<i>ES</i>	<i>PAL</i>
<b>VOCs (ppb)</b>							
Benzene	0.31	<u>0.56</u>	< 0.20	< 0.20	< 0.20	5	0.5
Chloromethane	0.35	< 0.30	< 0.30	< 0.30	0.49	NS	NS
1,1-Dichloroethene	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	7	0.7
cis-1,2-Dichloroethene	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	70	7
trans-1,2-Dichloroethene	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	100	20
Ethylbenzene	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	700	140
MTBE	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	60	12
Naphthalene	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	40	8
Tetrachloroethene (PCE)	<u>2.4</u>	<u>3.1</u>	< 0.50	< 0.50	< 0.50	5	0.5
Toluene	1.3	1.5	< 0.50	< 0.50	< 0.50	1,000	200
1,1,2-Trichloroethane	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	5	0.5
Trichloroethene (TCE)	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	5	0.5
1,2,4-Trimethylbenzene	0.53	0.48	< 0.20	< 0.20	< 0.20	480	96
1,3,5-Trimethylbenzene	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
Xylene (total)	0.96	0.95	< 0.50	< 0.50	< 0.50	10,000	1,000

ND = not detected

NS = no standards

MTBE = methyl-tert-butyl-ether

Bolded values indicate concentrations above ES.

Underlined values indicate concentrations above PAL.

For a complete list of VOCs and detection limits, see Appendix C.

NA = Not Analyzed



6. Dry Cleaner RP letter sent after notification. (only on initial claim)	1 <sup>st</sup> . SI		
7. If immediate action cost > \$10,000, approval letter sent. <i>Enter NA if not applicable.</i>	Immediate Actions*		
8. Immediate action is complete and conducted in compliance with NR 169 and NR 700 rule series.	Immediate Actions		
9. Potential Claim Notification (form 4400-210) received only after having received written notification of spill (only needed on initial claim)	Site Investigations*		
10. If lowest bidder for development of site investigation workplan and schedule not chosen, justification reviewed and approval letter sent. <i>Enter NA if not applicable.</i>	Site Investigations*		
11. Site Investigation <u>work plan &amp; schedule</u> , <b>approved</b> . If partial SI payment then <b>accepted</b> change order too!	Site Investigations		
12. Site risk classification: <input type="checkbox"/> Low Risk <input type="checkbox"/> Medium Risk <input type="checkbox"/> High Risk Forward a copy of the pilot priority scoring sheet with the application package.	Site Investigations <input type="checkbox"/> estimated for partial SI payments <input type="checkbox"/> final -SI completed		
13. Remedial Actions conducted in this application are approved and in compliance with NR 169 and NR 700 rule series.	Remedial Actions		
14. If there are costs for additional services that exceeded the consultant's original proposal by more than \$3,000 attach a copy of those costs and the DNR approved change order. Enter NA if not applicable.	Site Investigations* Remedial Actions*		
15. What is the <b>maximum approved dollar amount</b> for this site as of the date of this claim?	\$		
16. Fill in the DERF Data Summary Sheet (complete as possible the first time then update only as needed) and make sure all regular BRRS data entry is completely up to date. And send a copy of the DERP Data Summary Sheet when you forward the package.	ALL		
17. Forward this tracking worksheet, a copy of pilot priority scoring sheet (if changed), a copy of the DERF Data Summary Sheet (if updated) and the entire application package to: WI DNR, GEF2 in Madison. Attn: DERF Manager – CF/2	ALL		

Regional Project Manager's Approval:

**Project Manager's Signature & Date**

NOTES:

\* Item is not required if application cleanup activity was initiated before February 1, 2000 effective date of administrative rule). In this case, cleanup activities should be reviewed as to their reasonableness in complying with the requirements of NR 169, and compliance with the NR 700 rule series.

## Dry Cleaner Environmental Response Program Application Tracking Sheet

Payment Audit Due Date: <i>(Add 90 days to date received.)</i>
BRRTS #

Applicant Name: <i>Ruthanne Proko</i>	Site Name: <i>Ruth Anne's River Center Dry Cleaners</i>
--	--

Type of Response Action (select all that apply):  Immediate  Partial Site Investigation \_\_\_ #  Interim Action  
 Site Investigation Final  Remedial Actions Partial \_\_\_ #  Remedial Action Final

Only costs that were incurred after 10/14/97 are eligible. The \_\_\_ #, means what number is this request, like SI 2<sup>nd</sup>.#

Who's Responsible	Action/Requirement	Type of Application this Applies to:	Staff Initials	Certification Date
R & R Project Manager	<b>UPON RECEIPT: APPLICATION COMPLETENESS REVIEW</b>			
	1. Date stamp application.	All		
	2. Fill out Dept Use Only block of information on bottom of Application for Reimbursement (second page)			
	3. Fax two page application form after signing and dating (4400-211) and fax Reimbursement Cost Summary (4400-213) to Community Financial Assistance (CF) – Attn: DERF Manager CF/8 (Fax: 608-267-0496) (they will send acknowledgment letter.)	All	<i>J.F.</i>	<i>7/31/08</i>
	4. Review application for general completeness. Are the following required forms and attachments included in the application? <input type="checkbox"/> DERP Application, Form 4400-211. <b>Must be signed by DNR Project Manager / bottom of page 2.</b> <input type="checkbox"/> Bid Proposals Summary, Form 4400- 233 for SI only, Form 4400-212 for interim Action or Remedial Actions (not for bidding occurring before 2/1/2000) <b>Must be signed by DNR Project Manager / bottom of page</b> at least initially. <input type="checkbox"/> Reimbursement Cost Summary, Form 4400-213 <input type="checkbox"/> Reimbursement Cost Detail Worksheet, Form 4400-214 (A spreadsheet may be substituted) <input type="checkbox"/> Verification of Taxpayer ID Number, Substitute W-9 (only if initial application to program) <input type="checkbox"/> A Site Map <input type="checkbox"/> A Legal Description <input type="checkbox"/> A copy of each accepted proposal (contract) for consulting and contract services, including documentation of any changes to the original contract and records of contract negotiations. The estimated costs should be coded to the six cost categories. <input type="checkbox"/> Detailed Invoices coded to the cost categories <input type="checkbox"/> Canceled checks (copies of both sides) documenting payment of the invoices	All		
<b>WITHIN 6 WEEKS: TECHNICAL REVIEW</b> (so financial review can be completed on time too) Costs incurred between Oct. 14, 1997 and Feb.1, 2000, review activities and invoices for reasonableness and compliance with NR 169 and NR 700 rule series.				
	5. Dept. notified of spill prior to action in compliance with WI State Statue 292.11. (only on initial claim)	1 <sup>st</sup> . SI		

\* Item is not required if application cleanup activity was initiated before February 1, 2000 effective date of administrative rule). In this case, cleanup activities should be reviewed as to their reasonableness in complying with the requirements of NR 169, and compliance with the NR 700 rule series.

# MESSAGE CONFIRMATION

07/31/2008 14:50  
ID=WI DEPT NAT REC PLYMOUTH

DATE	S,R-TIME	DISTANT STATION ID	MODE	PAGES	RESULT
07/31	00'53"	608 267 0496	CALLING	02	OK 0000

07/31/2008 14:49 WI DEPT NAT REC PLYMOUTH → 16082670496 NO.734 001

FID # 246134790

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

## Dry Cleaner Environmental Response Program Potential Claim Notification

Form 4400-210 (R 9/03) Page 1 of 2

BARTSA 0246551851

Notice: Use this form to notify the Department Environmental Response Program (DERP) form is mandatory for any person applying reimbursement under DERP. Personal info and for DERP program administration. Info (Wis. Stats.) and requirements.

Notification of a potential claim is required for facilities in operation after October 14, 1997 Stats. "Dry cleaning facility" means a facility legal definition.

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2
To <i>Julian Stoffes</i>	From <i>John Feary</i>	
Co.	Co. <i>WDNR SER</i>	
Dept.	Phone #	
Fax #	Fax #	

the Dry Cleaner Code. Completion of this will not be eligible for eligibility for DERP claims its laws (ss. 19.32-19.39, 19.65(4), Wis. Stats. For issued under s. 77.996, Wis. 75(1)(d), Wis. Stats., for

Complete the following information and submit it to your DNR regional project manager. Copy this form as necessary.

### Eligibility Information

Was there a release of dry cleaning product from a dry cleaning facility?  Yes  No

Date Department Notified of Release: 6-16-2008 Notification Method:  Telephone  FAX  Written Affected Media (select all that apply):  Soil  Groundwater  Surface Water

Applicant:  owns  operates  operated  subsidiary/parent corporation  property owner of licensed facility

Does your proposed cleanup site have an operating dry cleaning machine?  Yes  No

Date Your Ownership/Operation Started: Oct 1 1996 For Closed Facilities, Date Last Load Processed: NA

If Operated After 10/14/97, Wisconsin Department of Revenue Dry Cleaning Facility License No. 030 0000221452 01 If Dry Store, Date Equipment Removed From Site

### Applicant Information

Owner/Operator Name <i>Ruthanne Star Proko</i>	Company Name <i>Ruthanne's River Centre Cleaners</i>
Mailing Street Address and PO Box <i>0</i>	Federal Employer ID Number (FEIN)
E-Mail Address	

FID # 246134790

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

### Dry Cleaner Environmental Response Program Potential Claim Notification

Form 4400-210 (R 9/03)

Page 1 of 2

BARTS# 0246551851

Notice: Use this form to notify the Department of Natural Resources of a potential claim under the Dry Cleaner Environmental Response Program (DERP). This form is mandatory for any person applying for reimbursement under DERP. Personal information and for DERP program administration. Information is required for the Department of Natural Resources (Wis. Stats.) and requirements.

Notification of a potential claim is required for facilities in operation after October 14, 1997, and for DERP program administration. Information is required for the Department of Natural Resources (Wis. Stats.) and requirements.

Post-It™ brand fax transmittal memo 7671		# of pages ▶
To	Jillian Steffes	
From	John Feary	
Co.	WDNR SER	
Dept.	Phone #	
Fax #	Fax #	

the Dry Cleaner Code. Completion of this form will not be eligible for reimbursement for DERP claims under s. 19.32-19.39, Wis. Stats.

For facilities in operation after October 14, 1997, and for DERP program administration. Information is required for the Department of Natural Resources (Wis. Stats.) and requirements.

Complete the following information and submit it to your DNR regional project manager. Copy this form as necessary.

#### Eligibility Information

Was there a release of dry cleaning product from a dry cleaning facility?  Yes  No

Date Department Notified of Release: 6-16-2008

Notification Method:  Telephone  FAX  Written

Affected Media (select all that apply):  Soil  Groundwater  Surface Water

Applicant:  owns  operates  operated  subsidiary/parent corporation  property owner of licensed facility

Does your proposed cleanup site have an operating dry cleaning machine?  Yes  No

Date Your Ownership/Operation Started: Oct 1 1996

For Closed Facilities, Date Last Load Processed: NA

If Operated After 10/14/97, Wisconsin Department of Revenue Dry Cleaning Facility License No.: 030 0000221452 01

If Dry Store, Date Equipment Removed From Site: \_\_\_\_\_

#### Applicant Information

Owner/Operator Name: Ruthanne Steve Proko Company Name: Ruthanne's River Court Cleaners

Mailing Street Address and PO Box: 6093 W Megkron Rd E-Mail Address: \_\_\_\_\_ Federal Employer ID Number (FEIN): 39 186 2010

City: Megkron State: WI ZIP Code: 53092 Telephone Number: 262-242-4774 Fax Number: 414-351-9834

Are there any other responsible persons associated with the cleanup of this facility?  Yes  No If yes, check association for each:

Other Owner  Property Owner of a Licensed Facility  Operator

Other Owner  Property Owner of a Licensed Facility  Operator

Other Responsible Party: \_\_\_\_\_

Company Name: \_\_\_\_\_

Mailing Street Address and PO Box: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

#### Agent Information

If an agent will be conducting actions per s. 292.65(4)(k), Wis. Stats., complete the following.

Agent Name: NA Company Name: \_\_\_\_\_

Mailing Street Address and PO Box: \_\_\_\_\_ Telephone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_ Date Agent Agreement Signed: \_\_\_\_\_

FID #246134790

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

### Dry Cleaner Environmental Response Program Potential Claim Notification

Form 4400-210 (R 9/03)

BKRTS# 0246551851

Notice: Use this form to notify the Department of Natural Resources of the potential to submit a reimbursement application to the Dry Cleaner Environmental Response Program (DERP). This form is authorized under s. 292.65, Wis. Stats. and ch. NR 169, Wis. Adm. Code. Completion of this form is mandatory for any person applying for reimbursement from the DERP. Persons who do not submit a completed form will not be eligible for reimbursement under DERP. Personal information will be shared with the Wisconsin Department of Revenue to determine eligibility for DERP claims and for DERP program administration. Information will also be made available to requesters under Wisconsin's Open Records laws (ss. 19.32-19.39, Wis. Stats.) and requirements.

Notification of a potential claim is required prior to conducting a site investigation or any remedial action activity under s. 292.65(4), Wis. Stats. For facilities in operation after October 14, 1997, include the Wisconsin Department of Revenue Dry Cleaning License Number issued under s. 77.996, Wis. Stats. "Dry cleaning facility" means a facility for dry cleaning apparel or household fabrics for the general public. See s. 292.65(1)(d), Wis. Stats., for legal definition.

Complete the following information and submit it to your DNR regional project manager. Copy this form as necessary.

#### Eligibility Information

Was there a release of dry cleaning product from a dry cleaning facility?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Date Department Notified of Release	Notification Method:	Affected Media (select all that apply):	
6-16-2008	<input type="checkbox"/> Telephone <input checked="" type="checkbox"/> FAX <input type="checkbox"/> Written	<input checked="" type="checkbox"/> Soil <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water	
Applicant: <input checked="" type="checkbox"/> owns <input type="checkbox"/> operates <input type="checkbox"/> operated <input type="checkbox"/> subsidiary/parent corporation <input type="checkbox"/> property owner of licensed facility			
Does your proposed cleanup site have an operating dry cleaning machine? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Date Your Ownership/Operation Started		For Closed Facilities, Date Last Load Processed	
Oct 1 1996		NA	
If Operated After 10/14/97, Wisconsin Department of Revenue Dry Cleaning Facility License No.		If Dry Store, Date Equipment Removed From Site	
030 0000221452 01			

#### Applicant Information

Owner/Operator Name		Company Name		
Ruthanne + Steve Proko		Ruthanne's River Centre Cleaners		
Mailing Street Address and PO Box		E-Mail Address	Federal Employer ID Number (FEIN)	
6093 W Meguon Rd		-	391862010	
City	State	ZIP Code	Telephone Number	Fax Number
Meguon	WI	53092	262-2424774	414-351-9834

Are there any other responsible persons associated with the cleanup of this facility?  Yes  No If yes, check association for each:

<input type="checkbox"/> Other Owner	<input type="checkbox"/> Property Owner of a Licensed Facility	<input type="checkbox"/> Other Owner	<input type="checkbox"/> Property Owner of a Licensed Facility
<input type="checkbox"/> Operator		<input type="checkbox"/> Operator	

Other Responsible Party		Other Responsible Party	
Company Name		Company Name	
Mailing Street Address and PO Box		Mailing Street Address and PO Box	
City	State	ZIP Code	City
Telephone Number		Telephone Number	

#### Agent Information

If an agent will be conducting actions per s. 292.65(4)(k), Wis. Stats., complete the following.

Agent Name		Company Name	
NA			
Mailing Street Address and PO Box		Telephone Number	Fax Number
City	State	ZIP Code	Date Agent Agreement Signed

# Dry Cleaner Environmental Response Program Potential Claim Notification

Form 4400-210 (R 9/03)

Page 2 of 2

### Facility Information

Facility Name <i>Ruthanne's Rivercenter Cleaners</i>		Company Name <i>Ruthannes Rivercenter Cleaners</i>	
Facility Location: Street Address <i>6093 W Mequon Rd</i>		Department of Revenue Dry Cleaner License No. <i>030 0000 221452 01</i>	
City <i>Mequon</i>	State <i>WI</i>	ZIP Code <i>53092</i>	License Holder and Company Name <i>Ruthanne Proko 030 0000 221452 01 Ruthannes</i>
Date Dry Cleaning Facility Constructed <i>1990</i>		License Holder Federal Employee ID# (FEIN) <i>39-186 2010</i>	

Dry cleaning license and solvent fees have been paid on this facility for the following years (select one):

- October 14, 1997 to Present
  Fees are delinquent on this facility  
 From \_\_\_\_\_ To \_\_\_\_\_
  Facility operation ceased before October 14, 1997 (no fees apply)

1. Has a previous ch. NR 700 cleanup been conducted at this site?  Yes  No  
If so, date of closure letter: \_\_\_\_\_
2. Is there diking around the machine? *DRIP PAN*  Yes  No
3. Is the floor sealed?  Yes  No
4. At this site, do you anticipate finding contaminants not associated with this dry cleaning facility?  Yes  No
5. Are all wastes that are generated at the dry cleaning facility and that contain dry cleaning solvent managed as hazardous wastes in compliance with ch. 291, Wis. Stats., and 42 USC 6901 to 6991i?  Yes  No
6. Is dry cleaning solvent or wastewater from your dry cleaning machines being discharged into any sanitary sewer or septic tank or into the waters of this state?  Yes  No
7. Is all perchlorethylene delivered to the dry cleaning facility by means of a closed, direct-coupled delivery system?  Yes  No
8. Was the facility constructed after October 14, 1997?  Yes  No
9. Has the applicant ever been referred to the Wisconsin Department of Justice for any violations of Wisconsin laws or rules concerning the use or disposal of dry cleaning solvents?  Yes  No

Comments: (Provide clarification if necessary)

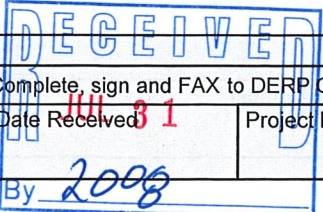
*Application was sent to me while I was on vacation. Application should have*

### Certification

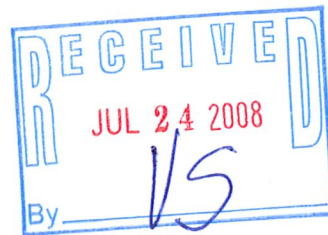
I certify that the information above is true and correct to the best of my knowledge.

Applicant Title and Signature <i>Burkane Pico owner</i>	Date Signed <i>7/14/08</i>
Agent Title and Signature	Date Signed

<b>Department Use Only</b>			
Complete, sign and FAX to DERP Grant Manager- CF/2, (608) 267-0496.			
Date Received <i>8/1</i>	Project Manager Signature <i>[Signature]</i>	BRRTS Number <i>0246551851</i>	Telephone Number <i>920-892</i>
By <i>2008</i>			<i>8756 x 3023</i>



# PEP Environmental Services, LLC



## Phase II Environmental Site Assessment Report

Ruthanne's River Center  
Dry Cleaners Site  
6093 West Mequon Road  
City of Mequon, Wisconsin  
Ozaukee County  
WDNR BRRTS #: 02-46-551851  
PEP Project #: 28006.01

Prepared for  
Mr. Steve Proko  
Ruthanne's River Center Dry Cleaners

July 2008

**PEP Environmental Services, LLC**  
7147 Cedar Sauk Road, Saukville, WI 53080-2452  
Phone: 414-801-1730 Fax: 262-675-2062

# PEP Environmental Services, LLC

July 20, 2008

Mr. Steve Proko  
Ruthanne's River Center Dry Cleaners  
6093 W. Mequon Road  
Mequon, WI 53092

Re: Phase II Environmental Site Assessment for the Ruthanne's River Center Dry Cleaners site, 6093 West Mequon Road, Mequon, Ozaukee County, Wisconsin (Figure 1).  
WDNR BRRTS #: 02-46-551851 and PEP Project #: 28006.01

Dear Steve:

We detected tetrachloroethene (PCE) in two soil samples, one collected below the floor slab near the dry cleaning machine, and one from a boring just outside the south side of the building. The PCE concentration in each soil sample was relatively low (< 1 part per million (ppm)). We also detected low levels of PCE in shallow groundwater samples we collected from the north and south sides of the building. Both PCE levels were above the NR 140 preventive action limits (PAL), but below the enforcement standard (ES). Two potable wells provide drinking water to the strip mall where Ruthanne's River Center Dry Cleaners (Ruthanne's) is located. We collected water samples from each well and both samples contained no detectable levels of volatile organic compounds (VOCs).

We also identified low concentrations of petroleum volatile organic compounds (PVOCs) in the two groundwater samples. There are at least two gasoline stations in the area and the PVOCs may be attributable to former leaking USTs in the area. None of the PVOCs were detected above their respective ES.

It does not appear that the site's use as a dry cleaning operation has had a significant detrimental effect on the soil or groundwater at the site. The low levels of PCE we detected in the soil and groundwater around the facility are fairly typical for a facility that has operated for the last 18 years as an active dry cleaner using PCE. The PCE we identified is probably from fugitive emissions, since the machine is a closed-loop system and no spills of PCE have occurred.

Due to the presence of PCE in the shallow groundwater at concentrations above the PAL, we notified the Wisconsin Department of Natural Resources (WDNR) of the contamination on June 16, 2008. However, we believe that the threat of this release is not significant based on the low concentrations we found in the soil and groundwater and the absence of PCE in the potable wells that serve the site.

We recommend that this report be submitted to the WDNR and that a formal closure request be submitted by completing WDNR *Case Summary and Close Out Form* (Form 4400-202). We believe that the WDNR will concur with our opinion that the low PCE concentrations are not a significant environmental threat, and given the history of the site, not an indication of a significant environmental concern.

As a condition of closure, we recommend that you arrange for a water sample to be collected annually from the potable well located just to the southeast of your dry cleaner; the sample should be analyzed for VOCs. This sampling will insure that in the unlikely event that the low levels of PCE we detected in the shallow groundwater ever impact the potable well, they will be identified quickly and protective action can be taken immediately.

**PEP Environmental Services, LLC**

7147 Cedar Sauk Road, Saukville, WI 53080-2452

Phone: 414-801-1730 Fax: 262-675-2062 Email: pepenviro@core.com



**Property Description and Site History**

The property includes a roughly rectangular shaped tenant space within an in-line strip shopping center. The space is approximately 40 feet wide and 125 feet deep. The dry cleaning machine is located in roughly the center of the store, slightly to the west side of the space. There is no basement and the floor is comprised of a 6-inch thick concrete slab. The site is served by municipal sanitary sewer, which exits the south side of the building and connects to the sanitary sewer main running south of the building. Potable water is provided to the strip center by two potable wells. One well is located near the Piggly Wiggly shopping center about 150 feet west of Ruthanne's; this well is 350 feet deep. A second potable well is located about 20 feet to the southeast of Ruthanne's; this well is 147 feet deep. These two wells are sampled annually by the owner of the mall and PCE has never been detected in the wells. We have included copies of the well logs in Appendix D. Areas to the north and south are covered with asphalt paving and used for customer parking and as a service road, respectively. Site features on shown on Figure 2.

The dry cleaning machine vents to the roof of the building. Storm water runoff from the roof flows in two directions off of the roof: to the north through a gutter system that flows directly into underground piping that then flows into the underground storm sewer system, or, it flows off the south end of the building through gutters that discharge directly to the asphalt behind the building.

The tenant space has been utilized as a dry cleaning facility with PCE dry cleaning equipment since about 1990 to the present time. PCE has always been delivered directly to the dry cleaning machine through either secure hoses or in sealed containers. According to Mr. Proko, there have never been any large spills of PCE inside or outside the building.

**Methods**

On June 5, 2008, we completed three Geoprobe™ soil borings on the site. We completed one boring (B-1) inside the building, one boring south of the building (B-2), and one boring north of the building (B-3), to assess the potential impact of PCE. We completed boring B-1 by hand to a depth of 2 feet below ground surface (bgs) and B-2 and B-3 to 15 feet bgs, using a truck-mounted Geoprobe. The approximate boring locations are shown on Figure 2.

We field screened each sample we collected with a photoionization detector (PID) for the presence of VOCs using the headspace method. The PID reading for each sample is recorded on the soil boring logs.

The following is a summary of the borings we completed, including their total depth, depth interval of elevated PID readings, and depth interval of the sample submitted for laboratory analysis:

<u>Boring ID</u>	<u>Total Boring Depth</u>	<u>Depth of Elevated PID Readings</u>	<u>Lab Sample</u>
B-1	2 feet	None	0.5-1.0 feet
B-2	15 feet	None	8-10 feet
B-3	15 feet	None	8-10 feet

We primarily encountered silty sand and gravel just below the 6-inch thick concrete slab in boring B-1. We encountered silty sand and gravel in borings B-2 and B-3 and encountered groundwater at about 10 feet bgs in each boring. We also encountered a sticky silty clay material at about 13 feet bgs in boring B-2. We installed a 5 foot long temporary well screen in borings B-2 and B-3 at a depth of approximately 14 feet bgs to collect groundwater samples. After purging about 3 gallons of water from the borings with a peristaltic pump, the water became relatively clear, and we collected a water sample from each boring; we identified the water samples as WB-2 and WB-3. We did not collect a groundwater sample from boring B-1 because it was so shallow.

We returned to the site on June 19, 2008, to collect water samples sourced from the two potable wells located on-site. One well is located near Piggly Wiggly, and is located about 150 feet west of Ruthanne's; we identified this sample as "West Potable Well". The other potable well is located about 20 feet to the southeast of Ruthanne's; we identified this sample as "East Potable Well".

After we completed sampling, each borehole was backfilled with bentonite. Copies of the soil boring logs (WDNR Form 4400-122) and abandonment forms (WDNR Form 3300-5B) are provided in Appendix A. Photographs of the boring locations are provided in Appendix B.

The three soil samples, two shallow groundwater samples, and two potable well samples we collected for laboratory analysis were analyzed for VOCs (Method EPA 8260) at TestAmerica, in Watertown, Wisconsin.

The entire site surrounding the building is covered with asphalt. Generally, we encountered silty sand and gravel from just below the asphalt to about 8-10 feet bgs. Between 10-12 feet bgs, we encountered groundwater in a seam of silty sand and gravel. Below 12 feet in B-2, we encountered relatively sticky, silty clay.

### **Results**

Field screening soil samples with the PID did not produce any evidence of VOCs. None of the soil samples we collected produced a PID response above 1 instrument unit or had a petroleum or solvent odor.

PCE was detected in the soil samples from B-1 and B-2 at 740 and 39 parts per billion (ppb). PCE was not detected in the soil sample from boring B-3. No other VOCs were detected above the laboratory detection limits in the soil samples submitted to the laboratory.

Water sample WB-2 contained benzene (0.31 ppb), PCE (2.4 ppb), toluene (1.3 ppb), 1,2,4-trimethylbenzene (0.53 ppb), and xylenes (0.96 ppb). PCE was the only compound detected above its PAL of 0.5 ppb.

Water sample WB-3 contained benzene (0.56 ppb), PCE (3.1 ppb), toluene (1.5 ppb), 1,2,4-trimethylbenzene (0.48 ppb), and xylenes (0.95 ppb). PCE and benzene were the only compounds detected above their PAL of 0.5 ppb.

No VOCs were detected above the laboratory detection limits in the two water samples we collected from the potable wells.

The laboratory results are summarized and tabulated in Appendix C. A copy of the complete laboratory report is also included in Attachment C.

**Conclusions and Recommendations**

We identified low concentrations of PCE in the soil and groundwater directly below and adjacent to Ruthanne's River Center Dry Cleaners. Considering that the tenant space has been utilized as a dry cleaning facility for the last 18 years, the results are not atypical. We suspect the PCE we found at the site is the result of fugitive emissions, and not the result of any significant spills or improper handling of PCE wastes. We do not believe the concentrations of PCE in soil and groundwater are high enough to be a significant threat to human health or the environment. The concentration of PCE in the soil below the building should not result in a significant vapor intrusion problem for future building occupants. The clay layer we encountered in boring B-2 and as noted in the logs for the potable wells, should act as an impediment to the vertical migration of contaminants to the deeper aquifer.

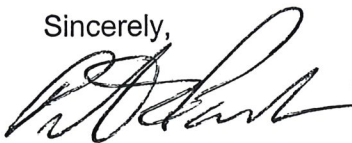
Due to the presence of PCE in the shallow groundwater at concentrations above the PAL, we notified the WDNR of the contamination on June 16, 2008. However, we believe that the threat of this release is not significant based on the low concentrations we found in the soil and shallow groundwater and the absence of PCE in the potable wells that serve the site.

We recommend that this report be submitted to the WDNR and that a formal closure request be submitted by completing WDNR *Case Summary and Close Out Form* (Form 4400-202). We believe that the WDNR will concur with our opinion that the low PCE concentrations are not a significant environmental threat, and given the history of the site, not an indication of a significant environmental concern.

As a condition of closure, we recommend that you arrange for a water sample to be collected annually from the potable well located just to the southeast of your dry cleaner; the sample should be analyzed for VOCs. This sampling will insure that in the unlikely event that the low levels of PCE we detected in the shallow groundwater ever impact the potable well, they will be identified quickly and protective action can be taken immediately.

If you need any additional information or have any questions about these results, please contact me at 414-801-1730.

Sincerely,



Pete Pavalko, CHMM, REM  
Environmental Scientist



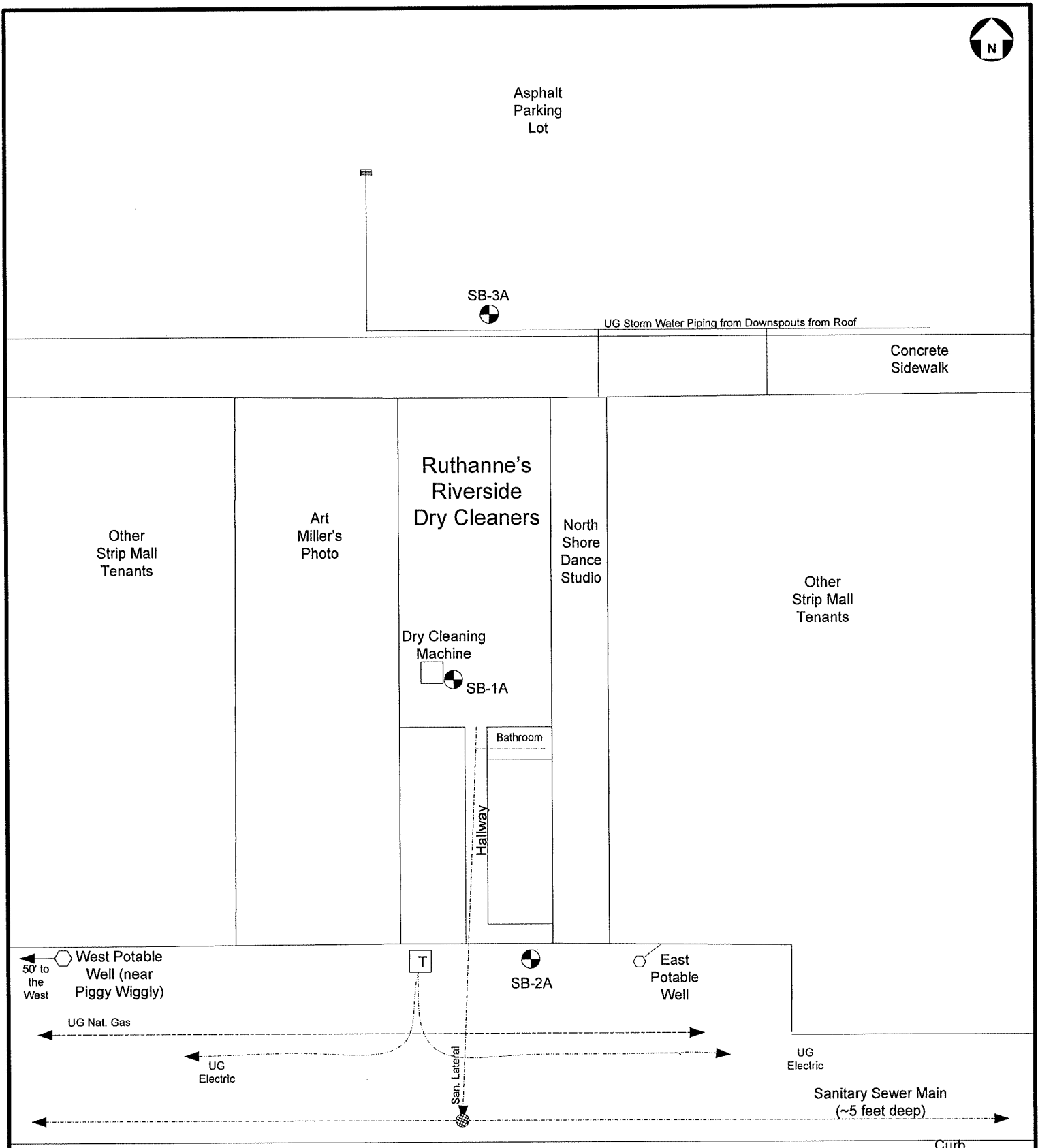
cc: Mr. John Feeney, WDNR, 2300 N. Dr. Martin Luther King, Jr., Dr., Milwaukee, WI 53212

## Figures

Figure 1 – Site Location

Figure 2 - Site Features and Soil Boring Locations

# Figure 2 - Site Features and Boring Locations



Boring Location and ID    
 Potable Well  
 Electrical Transformer  
 0 ft.    18 ft.    30 ft.    60 ft.

**PEP Environmental Services, LLC**

Ruthanne's River Center Dry Cleaners Mequon, WI	28006.01
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USGS **Mequon, Wisconsin, United States** 01 Jul 1976

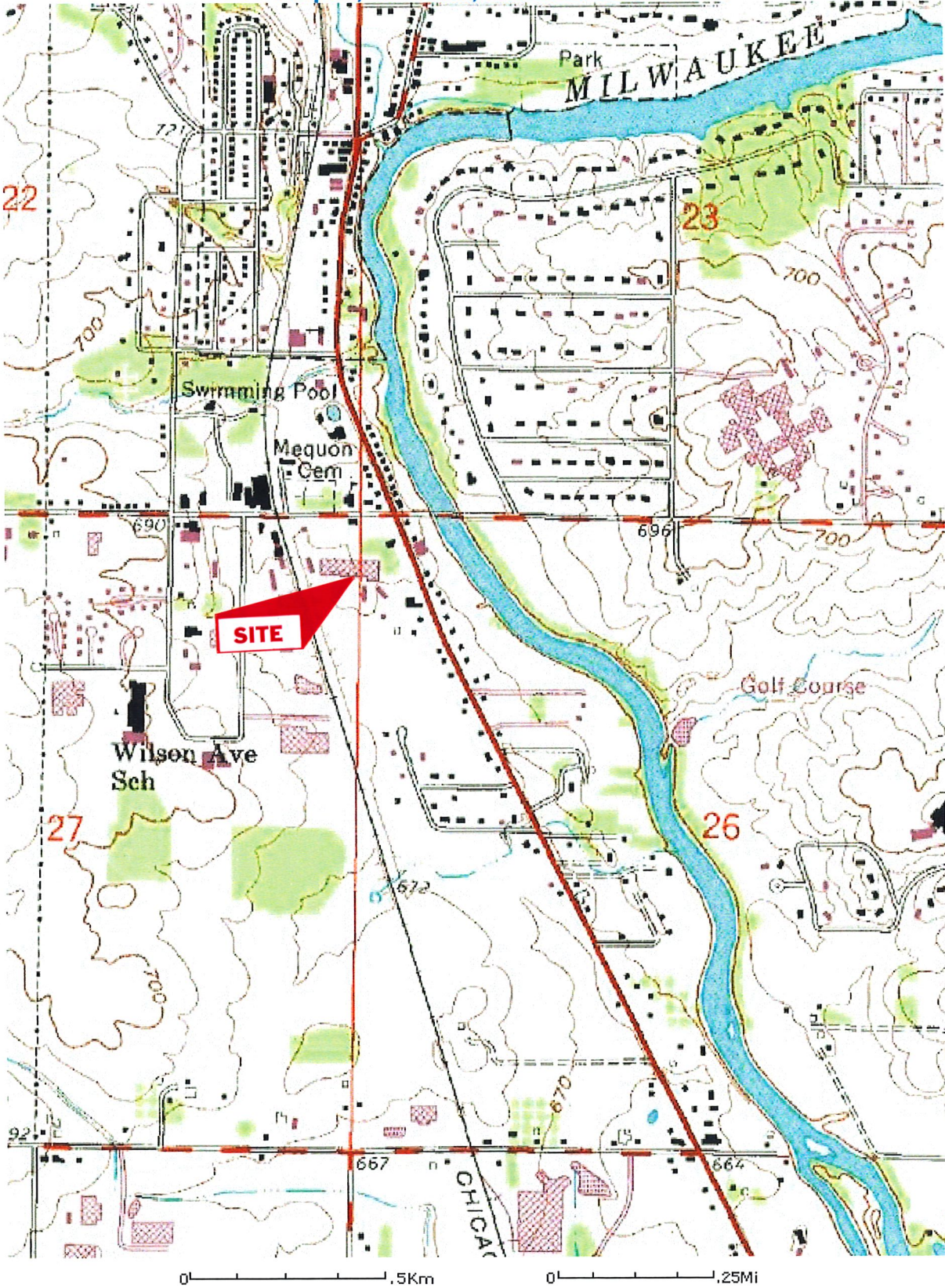
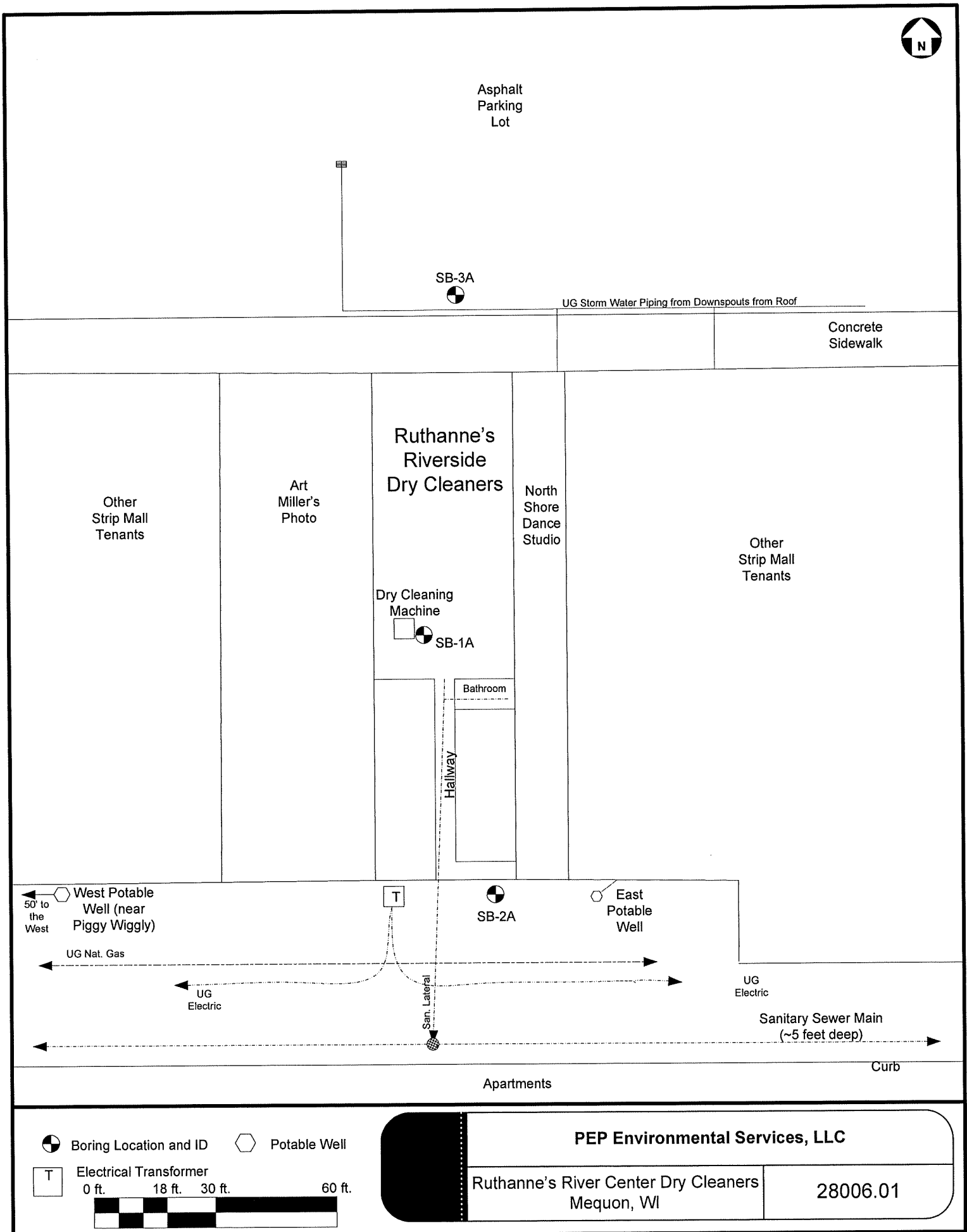


Image courtesy of the U.S. Geological Survey  
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# Figure 2 - Site Features and Boring Locations



Boring Location and ID    
 Potable Well  
 Electrical Transformer  
 0 ft.    18 ft.    30 ft.    60 ft.

**PEP Environmental Services, LLC**

Ruthanne's River Center Dry Cleaners Mequon, WI	28006.01
--	----------

## **Appendix A**

### **Soil Boring Logs**



Route to:  
 Solid Waste  
 Emergency Response  
 Wastewater  
 Superfund  
 HazWaste  
 Underground Tanks  
 Water Resources  
 Other

Facility/Project Name: **Ruthanne's River Center Dry Cleaners - 28006.01**  
 License/Permit/Monitoring Number: **B-1**  
 Boring Drilled By (Firm name and name of crew chief): **Soil Essentials/PEP**  
 Date Drilling Started: **6 5 08** (MM/DD/YY)  
 Date Drilling Completed: **6 5 08** (MM/DD/YY)  
 Drilling Method: **Geoprobe Core + HAND POWND**  
 DNR Facility Well No.: **WI Unique Well No.**  
 Common Well Name: **Final Static Water Level** (Feet MSL)  
 Surface Elevation: **Feet MSL**  
 Borehole Diameter: **2** inches  
 Boring Location: State Plane **0** N, **0** E, **0** T, **0** R, **0** S  
 Local Grid Location (if applicable): Feet  N,  S  
 County: **Ozaukee** DNR County Code: **0** Civil Town/City/Village: **Mequon**

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties				P 200	RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index		
				<b>INSIDE 2' E. of DRY Cleaning MACHINE</b>										
				<b>Concrete - 6"</b>										
<b>SB-1A</b>	<b>8"</b>	<b>300 BY HAND</b>	<b>2</b>	<b>SILTY SAND</b>				<b>0</b>						<b>LAB</b>
				<b>SB-1A - C 1' deep</b>										
				<b>EOB</b>										
				<b>SB-1A coll. for VOCs</b>				<b>0</b>						
				<b>SILTY SAND + GRAVEL</b>										

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: **Peter E. Pawalko** Firm: **PEP Environmental Services, LLC**  
 7147 Cedar Sauk Road, Saukville, WI 53080 414-801-1730

This form is authorized by Chapters 144, 147, and 162, Wis. Stat. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 ans 162.06, Wis. Stats.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County Ozaukee	Original Well Owner (If Known)	
0 1/4 of ## 1/4 of Sec. 0 : T. 0 ; R. 0 <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner Ruthanne's River Center Dry Cleaners - 28006.01	
(If applicable) Gov't Lot	Grid Number	Street or Route 6093 W. Mequon Road	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S.		City, State, Zip Code Mequon, WI	
Civil Town Name		Facility Well No. and/or Name (If Applicable) <b>B-1</b>	WI Unique Well No.
Street Address of Well 6093 W. Mequon Road		Reason For Abandonment Sampling Completed	
City, Village Mequon, WI		Date of Abandonment <b>6-5-08</b>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
<p>(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>6-5-08</u></p> <p><input type="checkbox"/> Monitoring Well      <input type="checkbox"/> Construction Report Available?  <input type="checkbox"/> Water Well              <input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No  <input type="checkbox"/> Drillhole                      WDNR 4400-122  <input checked="" type="checkbox"/> Borehole</p> <p>Construction Type:  <input type="checkbox"/> Drilled      <input type="checkbox"/> Driven (Sandpoint)      <input type="checkbox"/> Dug  <input checked="" type="checkbox"/> Other (Specify) <u>HAND POUND - GEOPROBE</u></p> <p>Formation Type:  <input checked="" type="checkbox"/> Unconsolidated Formation      <input type="checkbox"/> Bedrock</p> <p>Total Well Depth (ft.) <u>2</u>      Casing Diameter (ins.) <u>NA</u> (From ground surface)</p> <p>Casing Depth (ft.) <u>N/A</u></p> <p>Was Well Annular Space Grouted?   <input type="checkbox"/> Yes   <input type="checkbox"/> No   <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet</p>	<p>(4) Depth to Water (Feet) <u>NA + 10'</u></p> <p>Pump &amp; Piping Removed?   <input type="checkbox"/> Yes   <input type="checkbox"/> No   <input checked="" type="checkbox"/> Not Applicable  Liner(s) Removed?              <input type="checkbox"/> Yes   <input type="checkbox"/> No   <input checked="" type="checkbox"/> Not Applicable  Screen Removed?                <input type="checkbox"/> Yes   <input type="checkbox"/> No   <input checked="" type="checkbox"/> Not Applicable  Casing Left in Place?          <input type="checkbox"/> Yes   <input type="checkbox"/> No  If No, Explain _____</p> <p>Was Casing Cut Off Below Surface?   <input type="checkbox"/> Yes   <input type="checkbox"/> No  Did Sealing Material Rise to Surface?   <input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No  Did Material Settle After 24 Hours?   <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No  If Yes, Was Hole Retopped?              <input type="checkbox"/> Yes   <input type="checkbox"/> No</p> <p>(5) Required Method of Placing Sealing Material  <input type="checkbox"/> Conductor Pipe-Gravity      <input type="checkbox"/> Conductor Pipe-Pumped  <input type="checkbox"/> Dump Bailer                      <input checked="" type="checkbox"/> Other (Explain) Gravity</p> <p>(6) Sealing Materials                      For monitoring wells and monitoring well boreholes only  <input type="checkbox"/> Neat Cement Grout  <input type="checkbox"/> Sand-Cement (Concrete) Grout  <input type="checkbox"/> Concrete                              <input type="checkbox"/> Bentonite Pellets  <input type="checkbox"/> Clay-Sand Slurry                      <input checked="" type="checkbox"/> Granular Bentonite  <input type="checkbox"/> Bentonite-Sand Slurry                <input type="checkbox"/> Bentonite-Cement Grout  <input type="checkbox"/> Chipped Bentonite</p>

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume	Mix Ratio or Mud Weight
Bentonite	Surface	<u>2</u>		

(8) Comments: PEP Project # 28006.01

(9) Name of Person or Firm Doing Sealing Work  
PEP Environmental Services, Inc.

Signature of Person Doing Work <i>Peter E. Pavalko</i>	Date Signed <b>6-5-08</b>
Street or Route 7147 Cedar Sauk Road	Telephone Number (414) 801-1730
City, State, Zip Code Saukville, WI 53080-2452	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

Route to:  
 Solid Waste  
 Emergency Response  
 Wastewater  
 Superfund  
 HazWaste  
 Underground Tanks  
 Water Resources  
 Other

Facility/Project Name: **Ruthanne's River Center Dry Cleaners - 28006.01**  
 License/Permit/Monitoring Number: **B-2**  
 Boring Drilled By (Firm name and name of crew chief): **Soil Essentials/PEP**  
 Date Drilling Started: **6 5 08** (MM/DD/YY)  
 Date Drilling Completed: **6 5 08** (MM/DD/YY)  
 Drilling Method: **Geoprobe**  
 DNR Facility Well No.: **WI Unique Well No.**  
 Common Well Name: **Soil Essentials/PEP**  
 Final Static Water Level: **Feet MSL**  
 Surface Elevation: **Feet MSL**  
 Borehole Diameter: **2 inches**  
 Boring Location: State Plane **N, 0 E**  
 Lat: **0** Long: **0**  
 Local Grid Location (if applicable): Feet **N** **S**  
 County: **Ozaukee** DNR County Code: **0** Civil Town/City/Village: **Mequon**

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
SB-2A	20		2	Asphalt SILTY SAND + fine gravel SOFT				0							
	20		4	SAME				0							
WB-2			6					0							
			8	SILTY SAND + GRAVEL <b>(SB-2A)</b>				0							
			10	WET				0							
			12	VERY WET - SILTY SAND, F. GRAVEL				0							
			14	SAME CHANGING to STICKY, SILTY SOFT CLAY				0							
			16	Set steel Temp. well, Purged ~ 3, + coll.											
			18	Water Sample WB-2 - WATER entering hole AT 10-13'											
			20												
			22												
			24												

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature: **Peter E. Pavalko** Firm: **PEP Environmental Services, LLC**  
 7147 Cedar Sauk Road, Saukville, WI 53080 414-801-1730

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All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

<b>(1) GENERAL INFORMATION</b>		<b>(2) FACILITY NAME</b>	
Well/Drillhole/Borehole Location	County Ozaukee	Original Well Owner (If Known)	
0 1/4 of ## 1/4 of Sec. 0 : T. 0 ; R. 0 <input type="checkbox"/> E <input type="checkbox"/> W		Present Well Owner Ruthanne's River Center Dry Cleaners - 28006.01	
(If applicable) Gov't Lot _____ Grid Number _____		Street or Route 6093 W. Mequon Road	
Grid Location _____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S.		City, State, Zip Code Mequon, WI	
Civil Town Name _____		Facility Well No. and/or Name (If Applicable) <b>B-2</b>	WI Unique Well No. _____
Street Address of Well 6093 W. Mequon Road		Reason For Abandonment Sampling Completed	
City, Village Mequon, WI		Date of Abandonment <b>6-5-08</b>	

<b>WELL/DRILLHOLE/BOREHOLE INFORMATION</b>	
<p>(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>6-5-08</u></p> <p><input type="checkbox"/> Monitoring Well      <input type="checkbox"/> Construction Report Available?  <input type="checkbox"/> Water Well              <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No  <input type="checkbox"/> Drillhole                      WDNR 4400-122  <input checked="" type="checkbox"/> Borehole</p> <p>Construction Type:  <input type="checkbox"/> Drilled      <input type="checkbox"/> Driven (Sandpoint)      <input type="checkbox"/> Dug  <input checked="" type="checkbox"/> Other (Specify) <u>Geoprobe</u></p> <p>Formation Type:  <input checked="" type="checkbox"/> Unconsolidated Formation      <input type="checkbox"/> Bedrock</p> <p>Total Well Depth (ft.) <u>15</u>      Casing Diameter (ins.) _____ (From ground surface)</p> <p>Casing Depth (ft.) <u>N/A</u></p> <p>Was Well Annular Space Grouted?    <input type="checkbox"/> Yes    <input type="checkbox"/> No    <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet</p>	<p>(4) Depth to Water (Feet) <u>10</u></p> <p>Pump &amp; Piping Removed?    <input type="checkbox"/> Yes    <input type="checkbox"/> No    <input checked="" type="checkbox"/> Not Applicable  Liner(s) Removed?            <input type="checkbox"/> Yes    <input type="checkbox"/> No    <input checked="" type="checkbox"/> Not Applicable  Screen Removed?              <input type="checkbox"/> Yes    <input type="checkbox"/> No    <input checked="" type="checkbox"/> Not Applicable  Casing Left in Place?        <input type="checkbox"/> Yes    <input type="checkbox"/> No  If No, Explain _____</p> <p>Was Casing Cut Off Below Surface?    <input type="checkbox"/> Yes    <input type="checkbox"/> No  Did Sealing Material Rise to Surface?    <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No  Did Material Settle After 24 Hours?    <input type="checkbox"/> Yes    <input checked="" type="checkbox"/> No  If Yes, Was Hole Retopped?            <input type="checkbox"/> Yes    <input type="checkbox"/> No</p> <p>(5) Required Method of Placing Sealing Material  <input type="checkbox"/> Conductor Pipe-Gravity      <input type="checkbox"/> Conductor Pipe-Pumped  <input type="checkbox"/> Dump Bailer                      <input checked="" type="checkbox"/> Other (Explain) Gravity</p> <p>(6) Sealing Materials                      For monitoring wells and monitoring well boreholes only</p> <p><input type="checkbox"/> Neat Cement Grout  <input type="checkbox"/> Sand-Cement (Concrete) Grout  <input type="checkbox"/> Concrete                              <input type="checkbox"/> Bentonite Pellets  <input type="checkbox"/> Clay-Sand Slurry                      <input checked="" type="checkbox"/> Granular Bentonite  <input type="checkbox"/> Bentonite-Sand Slurry                <input type="checkbox"/> Bentonite-Cement Grout  <input type="checkbox"/> Chipped Bentonite</p>

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume	Mix Ratio or Mud Weight
Bentonite	Surface	<u>15</u>		

(8) Comments: PEP Project # 28006.01

(9) Name of Person or Firm Doing Sealing Work  
PEP Environmental Services, Inc.

Signature of Person Doing Work <i>Peter E. Pavalko</i>	Date Signed <b>6-5-08</b>
Street or Route 7147 Cedar Sauk Road	Telephone Number (414) 801-1730
City, State, Zip Code Saukville, WI 53080-2452	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

Route to:  
 Solid Waste  
 Emergency Response  
 Wastewater  
 Superfund  
 HazWaste  
 Underground Tanks  
 Water Resources  
 Other

Facility/Project Name <b>Ruthanne's River Center Dry Cleaners - 28006.01</b>		License/Permit/Monitoring Number		Boring Number <b>B-3</b>
Boring Drilled By (Firm name and name of crew chief) <b>Soil Essentials/PEP</b>		Date Drilling Started <b>6 5 08</b> MM/ DD/ YY	Date Drilling Completed <b>6 5 08</b> MM/ DD/ YY	Drilling Method Geoprobe
DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL
Boring Location State Plane 0 1/4 of 0 1/4 of Section 0 T, 0 R, 0 E		Lat	Local Grid Location (if applicable) Feet <input type="checkbox"/> N <input type="checkbox"/> S	
County <b>Ozaukee</b>		DNR County Code <b>0</b>	Civil Town/City/or Village <b>Mequon</b>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in feet	Soil / Rock Description and Geological Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
SB-3A	36		2	North of Bldg. 4' N. of sidewalk N. of Bldg. Asphalt SILTY SAND				0		D				
			4											
WB-3	20		6	SAND, little SILT, + mod. Amount of Limestone Rock pieces				0		D				
			8											
WB-3			10	SILTY SAND + Lime Rock + Gravel (SB-3A) wet/moist				0		D				
			12											
			14					0		W				
			16	Set steel casing Temp well										
			18	coll. VOC sample WB-3										
			20											
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge.  
 Signature Peter E. Pawalko Firm **PEP Environmental Services, LLC**  
 7147 Cedar Sauk Road, Saukville, WI 53080 414-801-1730

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All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County Ozaukee	Original Well Owner (If Known)	
0 1/4 of ## 1/4 of Sec. 0 : T. 0 ; R. 0	<input type="checkbox"/> E <input checked="" type="checkbox"/> W	Present Well Owner Ruthanne's River Center Dry Cleaners - 28006.01	
(If applicable)	Gov't Lot	Street or Route 6093 W. Mequon Road	
Grid Location ft. <input type="checkbox"/> N. <input type="checkbox"/> S.		City, State, Zip Code Mequon, WI	
Civil Town Name		Facility Well No. and/or Name (If Applicable) <b>B-3</b>	WI Unique Well No.
Street Address of Well 6093 W. Mequon Road		Reason For Abandonment Sampling Completed	
City, Village Mequon, WI		Date of Abandonment <b>6-5-08</b>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
<p>(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <u>6-5-08</u></p> <p><input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole</p> <p>Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No WDNR 4400-122</p> <p>Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <u>Geoprobe</u></p> <p>Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock</p> <p>Total Well Depth (ft.) <u>15</u> Casing Diameter (ins.) _____ (From ground surface)</p> <p>Casing Depth (ft.) <u>N/A</u></p> <p>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet</p>	<p>(4) Depth to Water (Feet) <u>10</u></p> <p>Pump &amp; Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No If No, Explain _____</p> <p>Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) Gravity</p> <p>(6) Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Chipped Bentonite</p> <p>For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Bentonite Pellets <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Cement Grout</p>

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume	Mix Ratio or Mud Weight
Bentonite	Surface	15		

(8) Comments: PEP Project # 28006.01

(9) Name of Person or Firm Doing Sealing Work  
PEP Environmental Services, Inc.

Signature of Person Doing Work <i>Peter E. Pavalko</i>	Date Signed <b>6-5-08</b>
Street or Route 7147 Cedar Sauk Road	Telephone Number (414) 801-1730
City, State, Zip Code Saukville, WI 53080-2452	

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, Wis. Admin. Code, whichever is applicable. Also, see instructions on back.

(1) GENERAL INFORMATION		(2) FACILITY NAME	
Well/Drillhole/Borehole Location	County Ozaukee	Original Well Owner (If Known)	
0 1/4 of ### 1/4 of Sec. 0 : T. 0 ; R. 0	<input type="checkbox"/> E <input type="checkbox"/> W	Present Well Owner Ruthanne's River Center Dry Cleaners - 28006.01	
(If applicable)	Gov't Lot	Street or Route 6093 W. Mequon Road	
Grid Location	Grid Number	City, State, Zip Code Mequon, WI	
ft. <input type="checkbox"/> N. <input type="checkbox"/> S.		Facility Well No. and/or Name (If Applicable) <b>B-3</b>	
Civil Town Name		WI Unique Well No.	
Street Address of Well 6093 W. Mequon Road		Reason For Abandonment Sampling Completed	
City, Village Mequon, WI		Date of Abandonment <b>6-5-08</b>	

WELL/DRILLHOLE/BOREHOLE INFORMATION	
<p>(3) Original Well/Drillhole/Borehole Construction Completed On (Date) <b>6-5-08</b></p> <p><input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Drillhole <input checked="" type="checkbox"/> Borehole</p> <p>Construction Report Available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No WDNR 4400-122</p> <p>Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <b>Geoprobe</b></p> <p>Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock</p> <p>Total Well Depth (ft.) <b>15</b> Casing Diameter (ins.) _____ (From ground surface)</p> <p>Casing Depth (ft.) <b>N/A</b></p> <p>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown If Yes, To What Depth? _____ Feet</p>	<p>(4) Depth to Water (Feet) <b>10</b></p> <p>Pump &amp; Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No If No, Explain _____</p> <p>Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No Did Sealing Material Rise to Surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>(5) Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input type="checkbox"/> Dump Bailer <input checked="" type="checkbox"/> Other (Explain) Gravity</p> <p>(6) Sealing Materials For monitoring wells and monitoring well boreholes only <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets <input type="checkbox"/> Clay-Sand Slurry <input checked="" type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite-Cement Grout <input type="checkbox"/> Chipped Bentonite</p>

(7) Sealing Material Used	From (Ft.)	To (Ft.)	No. Yards, Sacks, Sealant or Volume	Mix Ratio or Mud Weight
Bentonite	Surface	<b>15</b>		

(8) Comments: PEP Project # 28006.01

(9) Name of Person or Firm Doing Sealing Work  
PEP Environmental Services, Inc.

Signature of Person Doing Work: *Peter E. Pawalko* Date Signed: **6-05-08**

Street or Route: 7147 Cedar Sauk Road Telephone Number: (414) 801-1730

City, State, Zip Code: Saukville, WI 53080-2452

(10) FOR DNR OR COUNTY USE ONLY	
Date Received/Inspected	District/County
Reviewer/Inspector	
Follow-up Necessary	

**Appendix B**  
Site Photographs



Site: Ruthanne's River Center Dry Cleaner, 6093 West Mequon Road, Mequon, Ozaukee County, Wisconsin. PEP Project #: 28006.01



Photo Description: Pictured is the location of boring B-3, located north of the Ruthanne's tenant space. Photo Direction: South.



Photo Description: Pictured is the location of boring B-3, located north of the Ruthanne's tenant space. Photo Direction: South.

## **Appendix C**

### **Table 1 – Tabulated Soil and Groundwater Results and Laboratory Report**

TABLE 1 ANALYTICAL RESULTS-SOIL RUTHANNE'S RIVER CENTER DRY CLEANERS SITE 6093 WEST MEQUON ROAD, MEQUON, OZAUKEE COUNTY, WISCONSIN							
Sample Name	NR 720 GENERIC RCLs	COMM 46 Table 1 Values (Groundwater Protection)	COMM 46 Table 2 Values (Direct Contact - Top 4 Feet)	Samples			
				SB-1A	SB-2A	SB-3A	TRIP BLANK
Boring				B-1	B-2	B-3	
Depth (feet)				0.5-1.0	8-10	8-10	
Date				6/5/2008	6/5/2008	6/5/2008	6/5/2008
PID Reading				0	0	0	NA
<b>VOCS (ppb)</b>							
Benzene	5.5	8,500	1,100	< 26	< 27	< 26	< 25
1,1-Dichloroethene	NS	NS	NS	< 26	< 27	< 26	< 25
cis-1,2-Dichloroethene	NS	NS	NS	< 26	< 27	< 26	< 25
trans-1,2-Dichloroethene	NS	NS	NS	< 26	< 27	< 26	< 25
Ethylbenzene	2,900	4,600	NS	< 26	< 27	< 26	< 25
MTBE	NS	NS	NS	< 26	< 27	< 26	< 25
Naphthalene	400	2,700	NS	< 52	< 54	< 53	< 50
Tetrachloroethene (PCE)	NS	NS	NS	740	39	< 26	< 25
Toluene	1,500	38,000	NS	< 26	< 27	< 26	< 25
1,1,2-Trichloroethane	NS	NS	NS	< 26	< 27	< 26	< 35
Trichloroethene	NS	NS	NS	< 26	< 27	< 26	< 25
1,2,4-TMB	NS	83,000	NS	< 26	< 27	< 26	< 25
1,3,5-TMB	NS	11,000	NS	< 26	< 27	< 26	< 25
Total Xylenes	4,100	42,000	NS	< 88	< 92	< 90	< 85

NS = no standard has been established for this compound

RCLs = residual contaminant levels

Underlined values exceed the Generic RCL.

Bolding indicates concentrations above the Table 1 and/or Table 2 (direct contact, top 4 feet) values.

NA = Not analyzed

TMB = trimethylbenzene

MTBE = methyl-tert-butyl-ether

For a complete list of VOCs analyzed, see the laboratory report.

**TABLE 2  
ANALYTICAL RESULTS - GROUNDWATER  
RUTHANNE'S RIVER CENTER DRY CLEANER SITE  
6093 WEST MEQUON ROAD, MEQUON, OZAUKEE COUNTY, WISCONSIN**

Sample Name	WB-2	WB-3	West Potable Well Sample	East Potable Well Sample	Water Trip Blank	NR 140 Remedial Action Limits	
Location	Temp. Well in B-2	Temp. Well in B-3	West Potable Well near Piggy Wiggly	East Potable Well, Southeast of Ruthanne's	QA/QC		
Date	6/5/2008	6/5/2008	6/19/2008	6/19/2008	6/5/2008		
						ES	PAL
<b>VOCs (ppb)</b>							
Benzene	0.31	<u>0.56</u>	< 0.20	< 0.20	< 0.20	5	0.5
Chloromethane	0.35	< 0.30	< 0.30	< 0.30	0.49	NS	NS
1,1-Dichloroethene	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	7	0.7
cis-1,2-Dichloroethene	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	70	7
trans-1,2-Dichloroethene	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	100	20
Ethylbenzene	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	700	140
MTBE	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	60	12
Naphthalene	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	40	8
Tetrachloroethene (PCE)	<u>2.4</u>	<u>3.1</u>	< 0.50	< 0.50	< 0.50	5	0.5
Toluene	1.3	1.5	< 0.50	< 0.50	< 0.50	1,000	200
1,1,2-Trichloroethane	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	5	0.5
Trichloroethene (TCE)	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	5	0.5
1,2,4-Trimethylbenzene	0.53	0.48	< 0.20	< 0.20	< 0.20	480	96
1,3,5-Trimethylbenzene	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
Xylene (total)	0.96	0.95	< 0.50	< 0.50	< 0.50	10,000	1,000

ND = not detected

NS = no standards

MTBE = methyl-tert-butyl-ether

Bolded values indicate concentrations above ES.

Underlined values indicate concentrations above PAL.

For a complete list of VOCs and detection limits, see Appendix C.

NA = Not Analyzed

Site: Ruthanne's River Center Dry Cleaner, 6093 West Mequon Road,  
Mequon, Ozaukee County, Wisconsin. PEP Project #: 28006.01

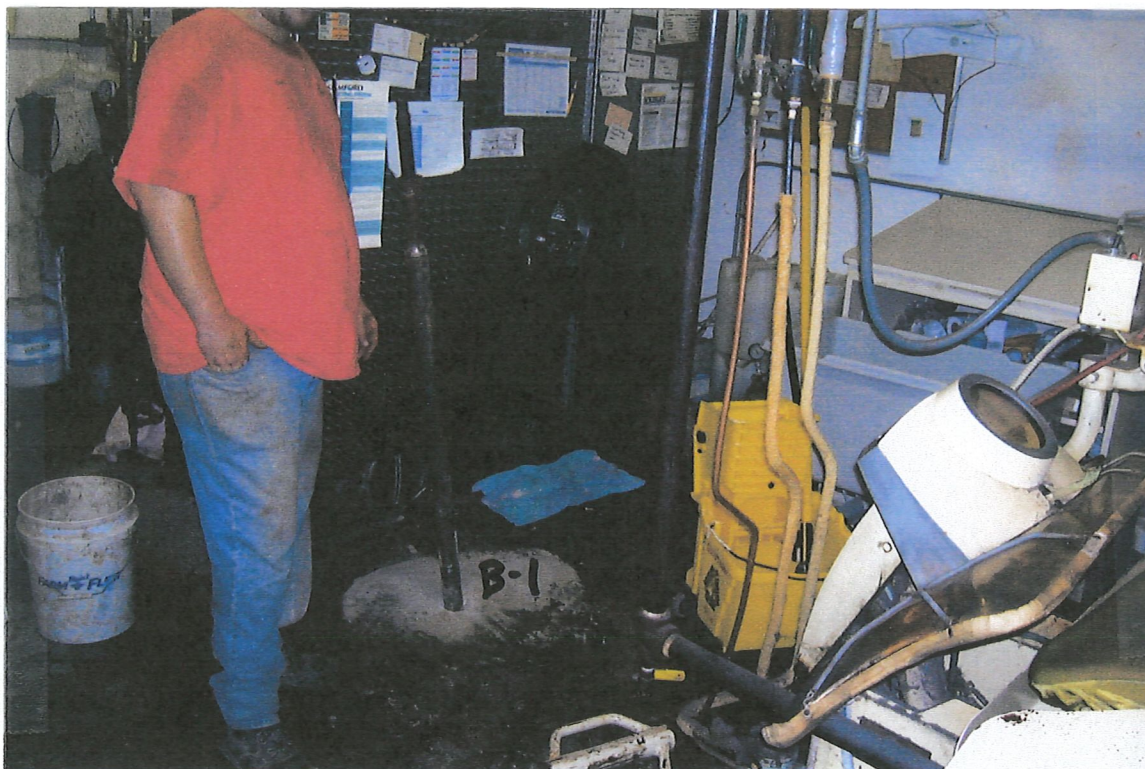


Photo Description: Pictured is the location of interior boring B-1. Note the dry cleaning machine directly behind the boring. Photo Direction: Northwest.



Photo Description: Pictured is the location of boring B-2, located just south of the Ruthanne's tenant space. Photo Direction: North.

June 13, 2008

Client: PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080

Work Order: WRF0344  
Project Name: RuthAnnes River Center Dry Cleaner  
Project Number: 28006.01

Attn: Mr. Pete Pavalko

Date Received: 06/10/08

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SB-1A 0.5-1'	WRF0344-01	06/05/08 10:30
SB-2A 8-10'	WRF0344-02	06/05/08 11:00
SB-3A 8-10'	WRF0344-03	06/05/08 11:30
WB-2	WRF0344-04	06/05/08 11:05
WB-3	WRF0344-05	06/05/08 11:40
MeOH Blank	WRF0344-06	06/05/08
Water Trip Blank	WRF0344-07	06/05/08


Samples were received into laboratory at a temperature of 5 °C.

Wisconsin Certification Number: 128053530

The Chain of Custody, 1 page, is included and is an integral part of this report.

*Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.*

Approved By:



TestAmerica Watertown  
Brian DeJong For Warren L. Topel  
Project Manager

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0344  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28006.01  
Received: 06/10/08  
Reported: 06/13/08 09:31

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0344-01 (SB-1A 0.5-1' - Solid/Soil)</b>						<b>Sampled: 06/05/08 10:30</b>			
General Chemistry Parameters									
% Solids	96		%	NA	1	06/12/08 13:58	ler	8060336	SW 5035
VOCs by SW8260B									
Benzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Bromobenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Bromochloromethane	<36		ug/kg dry	36	1	06/10/08 18:18	lck	8060257	SW 8260B
Bromodichloromethane	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Bromoform	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Bromomethane	<100		ug/kg dry	100	1	06/10/08 18:18	lck	8060257	SW 8260B
n-Butylbenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
sec-Butylbenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
tert-Butylbenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Carbon Tetrachloride	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Chlorobenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Chlorodibromomethane	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Chloroethane	<52		ug/kg dry	52	1	06/10/08 18:18	lck	8060257	SW 8260B
Chloroform	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Chloromethane	<52		ug/kg dry	52	1	06/10/08 18:18	lck	8060257	SW 8260B
2-Chlorotoluene	<52		ug/kg dry	52	1	06/10/08 18:18	lck	8060257	SW 8260B
4-Chlorotoluene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,2-Dibromo-3-chloropropane	<52		ug/kg dry	52	1	06/10/08 18:18	lck	8060257	SW 8260B
1,2-Dibromoethane (EDB)	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Dibromomethane	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,2-Dichlorobenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,3-Dichlorobenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,4-Dichlorobenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Dichlorodifluoromethane	<52		ug/kg dry	52	1	06/10/08 18:18	lck	8060257	SW 8260B
1,1-Dichloroethane	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,2-Dichloroethane	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,1-Dichloroethene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
cis-1,2-Dichloroethene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
trans-1,2-Dichloroethene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,2-Dichloropropane	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,3-Dichloropropane	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
2,2-Dichloropropane	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,1-Dichloropropene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
cis-1,3-Dichloropropene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
trans-1,3-Dichloropropene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
2,3-Dichloropropene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Isopropyl Ether	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Ethylbenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Hexachlorobutadiene	<36		ug/kg dry	36	1	06/10/08 18:18	lck	8060257	SW 8260B
Isopropylbenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
p-Isopropyltoluene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Methylene Chloride	<52		ug/kg dry	52	1	06/10/08 18:18	lck	8060257	SW 8260B
Methyl tert-Butyl Ether	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Naphthalene	<52		ug/kg dry	52	1	06/10/08 18:18	lck	8060257	SW 8260B
n-Propylbenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Styrene	<52		ug/kg dry	52	1	06/10/08 18:18	lck	8060257	SW 8260B
1,1,1,2-Tetrachloroethane	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,1,1,2,2-Tetrachloroethane	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0344  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28006.01

Received: 06/10/08  
Reported: 06/13/08 09:31

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0344-01 (SB-1A 0.5-1' - Solid/Soil) - cont.</b>						<b>Sampled: 06/05/08 10:30</b>			
VOCs by SW8260B - cont.									
Tetrachloroethene	740		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Toluene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,2,3-Trichlorobenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,2,4-Trichlorobenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,1,1-Trichloroethane	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,1,2-Trichloroethane	<36		ug/kg dry	36	1	06/10/08 18:18	lck	8060257	SW 8260B
Trichloroethene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Trichlorofluoromethane	<26	C9	ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,2,3-Trichloropropane	<52		ug/kg dry	52	1	06/10/08 18:18	lck	8060257	SW 8260B
1,2,4-Trimethylbenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
1,3,5-Trimethylbenzene	<26		ug/kg dry	26	1	06/10/08 18:18	lck	8060257	SW 8260B
Vinyl chloride	<36		ug/kg dry	36	1	06/10/08 18:18	lck	8060257	SW 8260B
Xylenes, total	<88		ug/kg dry	88	1	06/10/08 18:18	lck	8060257	SW 8260B
Surr: Dibromofluoromethane (82-112%)	88 %								
Surr: Toluene-d8 (91-106%)	99 %								
Surr: 4-Bromofluorobenzene (89-110%)	97 %								
<b>Sample ID: WRF0344-02 (SB-2A 8-10' - Solid/Soil)</b>						<b>Sampled: 06/05/08 11:00</b>			
General Chemistry Parameters									
% Solids	92		%	NA	1	06/12/08 13:58	ler	8060336	SW 5035
VOCs by SW8260B									
Benzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Bromobenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Bromochloromethane	<38		ug/kg dry	38	1	06/10/08 18:45	lck	8060257	SW 8260B
Bromodichloromethane	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Bromoform	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Bromomethane	<110		ug/kg dry	110	1	06/10/08 18:45	lck	8060257	SW 8260B
n-Butylbenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
sec-Butylbenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
tert-Butylbenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Carbon Tetrachloride	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Chlorobenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Chlorodibromomethane	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Chloroethane	<54		ug/kg dry	54	1	06/10/08 18:45	lck	8060257	SW 8260B
Chloroform	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Chloromethane	<54		ug/kg dry	54	1	06/10/08 18:45	lck	8060257	SW 8260B
2-Chlorotoluene	<54		ug/kg dry	54	1	06/10/08 18:45	lck	8060257	SW 8260B
4-Chlorotoluene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,2-Dibromo-3-chloropropane	<54		ug/kg dry	54	1	06/10/08 18:45	lck	8060257	SW 8260B
1,2-Dibromoethane (EDB)	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Dibromomethane	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,2-Dichlorobenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,3-Dichlorobenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,4-Dichlorobenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Dichlorodifluoromethane	<54		ug/kg dry	54	1	06/10/08 18:45	lck	8060257	SW 8260B
1,1-Dichloroethane	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,2-Dichloroethane	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,1-Dichloroethene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
cis-1,2-Dichloroethene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
trans-1,2-Dichloroethene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,2-Dichloropropane	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,3-Dichloropropane	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B



PEP Environmental Services LLC  
 7147 Cedar Sauk Road  
 Saukville, WI 53080  
 Mr. Pete Pavalko

Work Order: WRF0344  
 Project: RuthAnnes River Center Dry Clear  
 Project Number: 28006.01

Received: 06/10/08  
 Reported: 06/13/08 09:31

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0344-02 (SB-2A 8-10' - Solid/Soil) - cont.</b>						<b>Sampled: 06/05/08 11:00</b>			
VOCs by SW8260B - cont.									
2,2-Dichloropropane	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,1-Dichloropropene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
cis-1,3-Dichloropropene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
trans-1,3-Dichloropropene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
2,3-Dichloropropene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Isopropyl Ether	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Ethylbenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Hexachlorobutadiene	<38		ug/kg dry	38	1	06/10/08 18:45	lck	8060257	SW 8260B
Isopropylbenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
p-Isopropyltoluene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Methylene Chloride	<54		ug/kg dry	54	1	06/10/08 18:45	lck	8060257	SW 8260B
Methyl tert-Butyl Ether	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Naphthalene	<54		ug/kg dry	54	1	06/10/08 18:45	lck	8060257	SW 8260B
n-Propylbenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Styrene	<54		ug/kg dry	54	1	06/10/08 18:45	lck	8060257	SW 8260B
1,1,1,2-Tetrachloroethane	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,1,2,2-Tetrachloroethane	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Tetrachloroethene	39		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Toluene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,2,3-Trichlorobenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,2,4-Trichlorobenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,1,1-Trichloroethane	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,1,2-Trichloroethane	<38		ug/kg dry	38	1	06/10/08 18:45	lck	8060257	SW 8260B
Trichloroethene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Trichlorofluoromethane	<27	C9	ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,2,3-Trichloropropane	<54		ug/kg dry	54	1	06/10/08 18:45	lck	8060257	SW 8260B
1,2,4-Trimethylbenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
1,3,5-Trimethylbenzene	<27		ug/kg dry	27	1	06/10/08 18:45	lck	8060257	SW 8260B
Vinyl chloride	<38		ug/kg dry	38	1	06/10/08 18:45	lck	8060257	SW 8260B
Xylenes, total	<92		ug/kg dry	92	1	06/10/08 18:45	lck	8060257	SW 8260B
Surr: Dibromofluoromethane (82-112%)	90 %								
Surr: Toluene-d8 (91-106%)	99 %								
Surr: 4-Bromofluorobenzene (89-110%)	97 %								

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0344  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28006.01

Received: 06/10/08  
Reported: 06/13/08 09:31

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0344-03 (SB-3A 8-10' - Solid/Soil)</b>						<b>Sampled: 06/05/08 11:30</b>			
General Chemistry Parameters									
% Solids	94		%	NA	1	06/12/08 13:58	Jer	8060336	SW 5035
VOCs by SW8260B									
Benzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Bromobenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Bromochloromethane	<37		ug/kg dry	37	1	06/10/08 19:12	lck	8060257	SW 8260B
Bromodichloromethane	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Bromoform	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Bromomethane	<110		ug/kg dry	110	1	06/10/08 19:12	lck	8060257	SW 8260B
n-Butylbenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
sec-Butylbenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
tert-Butylbenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Carbon Tetrachloride	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Chlorobenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Chlorodibromomethane	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Chloroethane	<53		ug/kg dry	53	1	06/10/08 19:12	lck	8060257	SW 8260B
Chloroform	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Chloromethane	<53		ug/kg dry	53	1	06/10/08 19:12	lck	8060257	SW 8260B
2-Chlorotoluene	<53		ug/kg dry	53	1	06/10/08 19:12	lck	8060257	SW 8260B
4-Chlorotoluene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,2-Dibromo-3-chloropropane	<53		ug/kg dry	53	1	06/10/08 19:12	lck	8060257	SW 8260B
1,2-Dibromoethane (EDB)	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Dibromomethane	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,2-Dichlorobenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,3-Dichlorobenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,4-Dichlorobenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Dichlorodifluoromethane	<53		ug/kg dry	53	1	06/10/08 19:12	lck	8060257	SW 8260B
1,1-Dichloroethane	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,2-Dichloroethane	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,1-Dichloroethene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
cis-1,2-Dichloroethene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
trans-1,2-Dichloroethene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,2-Dichloropropane	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,3-Dichloropropane	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
2,2-Dichloropropane	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,1-Dichloropropene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
cis-1,3-Dichloropropene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
trans-1,3-Dichloropropene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
2,3-Dichloropropene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Isopropyl Ether	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Ethylbenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Hexachlorobutadiene	<37		ug/kg dry	37	1	06/10/08 19:12	lck	8060257	SW 8260B
Isopropylbenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
p-Isopropyltoluene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Methylene Chloride	<53		ug/kg dry	53	1	06/10/08 19:12	lck	8060257	SW 8260B
Methyl tert-Butyl Ether	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Naphthalene	<53		ug/kg dry	53	1	06/10/08 19:12	lck	8060257	SW 8260B
n-Propylbenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Styrene	<53		ug/kg dry	53	1	06/10/08 19:12	lck	8060257	SW 8260B
1,1,1,2-Tetrachloroethane	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,1,2,2-Tetrachloroethane	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Tetrachloroethene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Toluene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B

PEP Environmental Services LLC  
 7147 Cedar Sauk Road  
 Saukville, WI 53080  
 Mr. Pete Pavalko

Work Order: WRF0344  
 Project: RuthAnnes River Center Dry Clear  
 Project Number: 28006.01  
 Received: 06/10/08  
 Reported: 06/13/08 09:31

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0344-03 (SB-3A 8-10' - Solid/Soil) - cont.</b>						<b>Sampled: 06/05/08 11:30</b>			
VOCs by SW8260B - cont.									
1,2,3-Trichlorobenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,2,4-Trichlorobenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,1,1-Trichloroethane	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,1,2-Trichloroethane	<37		ug/kg dry	37	1	06/10/08 19:12	lck	8060257	SW 8260B
Trichloroethene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Trichlorofluoromethane	<26	C9	ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,2,3-Trichloropropane	<53		ug/kg dry	53	1	06/10/08 19:12	lck	8060257	SW 8260B
1,2,4-Trimethylbenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
1,3,5-Trimethylbenzene	<26		ug/kg dry	26	1	06/10/08 19:12	lck	8060257	SW 8260B
Vinyl chloride	<37		ug/kg dry	37	1	06/10/08 19:12	lck	8060257	SW 8260B
Xylenes, total	<90		ug/kg dry	90	1	06/10/08 19:12	lck	8060257	SW 8260B
Surr: Dibromofluoromethane (82-112%)	90 %								
Surr: Toluene-d8 (91-106%)	98 %								
Surr: 4-Bromofluorobenzene (89-110%)	97 %								

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Work Order: WRF0344  
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Received: 06/10/08  
Reported: 06/13/08 09:31

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0344-04 (WB-2 - Ground Water)</b>							<b>Sampled: 06/05/08 11:05</b>			
VOCs by SW8260B										
Benzene	0.31	J	ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Bromomethane	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	06/11/08 17:07	mae	8060279	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	06/11/08 17:07	mae	8060279	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Chloromethane	0.35	J	ug/L	0.30	1.0	1	06/11/08 17:07	mae	8060279	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	06/11/08 17:07	mae	8060279	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	0.83	1	06/11/08 17:07	mae	8060279	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	06/11/08 17:07	mae	8060279	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
Naphthalene	<0.25		ug/L	0.25	0.83	1	06/11/08 17:07	mae	8060279	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
Styrene	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	06/11/08 17:07	mae	8060279	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Tetrachloroethene	2.4		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
Toluene	1.2	J	ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	06/11/08 17:07	mae	8060279	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	06/11/08 17:07	mae	8060279	SW 8260B

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0344  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28006.01  
Received: 06/10/08  
Reported: 06/13/08 09:31

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0344-04 (WB-2 - Ground Water) - cont.</b>							<b>Sampled: 06/05/08 11:05</b>			
VOCs by SW8260B - cont.										
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	06/11/08 17:07	mae	8060279	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
1,2,4-Trimethylbenzene	0.53	J	ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	06/11/08 17:07	mae	8060279	SW 8260B
Xylenes, Total	0.96	J	ug/L	0.50	1.7	1	06/11/08 17:07	mae	8060279	SW 8260B
<i>Surr: Dibromofluoromethane (89-119%)</i>	114 %									
<i>Surr: Toluene-d8 (91-109%)</i>	97 %									
<i>Surr: 4-Bromofluorobenzene (89-114%)</i>	107 %									
<b>Sample ID: WRF0344-05 (WB-3 - Ground Water)</b>							<b>Sampled: 06/05/08 11:40</b>			
VOCs by SW8260B										
Benzene	0.56	J	ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
Bromomethane	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	06/11/08 16:38	mae	8060279	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	06/11/08 16:38	mae	8060279	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
Chloromethane	<0.30		ug/L	0.30	1.0	1	06/11/08 16:38	mae	8060279	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	06/11/08 16:38	mae	8060279	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	0.83	1	06/11/08 16:38	mae	8060279	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B

PEP Environmental Services LLC  
 7147 Cedar Sauk Road  
 Saukville, WI 53080  
 Mr. Pete Pavalko

Work Order: WRF0344  
 Project: RuthAnnes River Center Dry Clear  
 Project Number: 28006.01  
 Received: 06/10/08  
 Reported: 06/13/08 09:31

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0344-05 (WB-3 - Ground Water) - cont.</b>							<b>Sampled: 06/05/08 11:40</b>			
VOCs by SW8260B - cont.										
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	06/11/08 16:38	mae	8060279	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
Naphthalene	<0.25		ug/L	0.25	0.83	1	06/11/08 16:38	mae	8060279	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
Styrene	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	06/11/08 16:38	mae	8060279	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
<b>Tetrachloroethene</b>	<b>3.1</b>		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
Toluene	1.5	J	ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	06/11/08 16:38	mae	8060279	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	06/11/08 16:38	mae	8060279	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	06/11/08 16:38	mae	8060279	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
<b>1,2,4-Trimethylbenzene</b>	<b>0.48</b>	J	ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	06/11/08 16:38	mae	8060279	SW 8260B
<b>Xylenes, Total</b>	<b>0.95</b>	J	ug/L	0.50	1.7	1	06/11/08 16:38	mae	8060279	SW 8260B
<i>Surr: Dibromofluoromethane (89-119%)</i>	<i>113 %</i>									
<i>Surr: Toluene-d8 (91-109%)</i>	<i>96 %</i>									
<i>Surr: 4-Bromofluorobenzene (89-114%)</i>	<i>107 %</i>									

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0344  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28006.01  
Received: 06/10/08  
Reported: 06/13/08 09:31

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0344-06 (MeOH Blank - Misc. Liquid)</b>						<b>Sampled: 06/05/08</b>			
VOCs by SW8260B									
Benzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Bromobenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Bromochloromethane	<35		ug/kg wet	35	1	06/10/08 17:51	lck	8060257	SW 8260B
Bromodichloromethane	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Bromoform	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Bromomethane	<100		ug/kg wet	100	1	06/10/08 17:51	lck	8060257	SW 8260B
n-Butylbenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
sec-Butylbenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
tert-Butylbenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Carbon Tetrachloride	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Chlorobenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Chlorodibromomethane	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Chloroethane	<50		ug/kg wet	50	1	06/10/08 17:51	lck	8060257	SW 8260B
Chloroform	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Chloromethane	<50		ug/kg wet	50	1	06/10/08 17:51	lck	8060257	SW 8260B
2-Chlorotoluene	<50		ug/kg wet	50	1	06/10/08 17:51	lck	8060257	SW 8260B
4-Chlorotoluene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,2-Dibromo-3-chloropropane	<50		ug/kg wet	50	1	06/10/08 17:51	lck	8060257	SW 8260B
1,2-Dibromoethane (EDB)	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Dibromomethane	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,2-Dichlorobenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,3-Dichlorobenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,4-Dichlorobenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Dichlorodifluoromethane	<50		ug/kg wet	50	1	06/10/08 17:51	lck	8060257	SW 8260B
1,1-Dichloroethane	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,2-Dichloroethane	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,1-Dichloroethene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
cis-1,2-Dichloroethene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
trans-1,2-Dichloroethene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,2-Dichloropropane	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,3-Dichloropropane	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
2,2-Dichloropropane	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,1-Dichloropropene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
cis-1,3-Dichloropropene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
trans-1,3-Dichloropropene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
2,3-Dichloropropene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Isopropyl Ether	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Ethylbenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Hexachlorobutadiene	<35		ug/kg wet	35	1	06/10/08 17:51	lck	8060257	SW 8260B
Isopropylbenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
p-Isopropyltoluene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Methylene Chloride	<50		ug/kg wet	50	1	06/10/08 17:51	lck	8060257	SW 8260B
Methyl tert-Butyl Ether	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Naphthalene	<50		ug/kg wet	50	1	06/10/08 17:51	lck	8060257	SW 8260B
n-Propylbenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Styrene	<50		ug/kg wet	50	1	06/10/08 17:51	lck	8060257	SW 8260B
1,1,1,2-Tetrachloroethane	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,1,2,2-Tetrachloroethane	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Tetrachloroethene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Toluene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,2,3-Trichlorobenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,2,4-Trichlorobenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0344  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28006.01  
Received: 06/10/08  
Reported: 06/13/08 09:31

Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0344-06 (MeOH Blank - Misc. Liquid) - cont.</b>						<b>Sampled: 06/05/08</b>			
VOCs by SW8260B - cont.									
1,1,1-Trichloroethane	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,1,2-Trichloroethane	<35		ug/kg wet	35	1	06/10/08 17:51	lck	8060257	SW 8260B
Trichloroethene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Trichlorofluoromethane	<25	C9	ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,2,3-Trichloropropane	<50		ug/kg wet	50	1	06/10/08 17:51	lck	8060257	SW 8260B
1,2,4-Trimethylbenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
1,3,5-Trimethylbenzene	<25		ug/kg wet	25	1	06/10/08 17:51	lck	8060257	SW 8260B
Vinyl chloride	<35		ug/kg wet	35	1	06/10/08 17:51	lck	8060257	SW 8260B
Xylenes, total	<85		ug/kg wet	85	1	06/10/08 17:51	lck	8060257	SW 8260B
<i>Surr: Dibromofluoromethane (82-112%)</i>	88 %								
<i>Surr: Toluene-d8 (91-106%)</i>	100 %								
<i>Surr: 4-Bromofluorobenzene (89-110%)</i>	98 %								



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Received: 06/10/08  
Reported: 06/13/08 09:31

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0344-07 (Water Trip Blank - Ground Water)</b>							<b>Sampled: 06/05/08</b>			
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Bromomethane	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	06/11/08 14:13	mae	8060279	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	06/11/08 14:13	mae	8060279	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Chloromethane	0.49	J	ug/L	0.30	1.0	1	06/11/08 14:13	mae	8060279	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	06/11/08 14:13	mae	8060279	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	0.83	1	06/11/08 14:13	mae	8060279	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	06/11/08 14:13	mae	8060279	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
Naphthalene	<0.25		ug/L	0.25	0.83	1	06/11/08 14:13	mae	8060279	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
Styrene	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	06/11/08 14:13	mae	8060279	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
Toluene	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	06/11/08 14:13	mae	8060279	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	06/11/08 14:13	mae	8060279	SW 8260B

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0344  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28006.01  
Received: 06/10/08  
Reported: 06/13/08 09:31

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0344-07 (Water Trip Blank - Ground Water) - cont.</b>							<b>Sampled: 06/05/08</b>			
VOCs by SW8260B - cont.										
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	06/11/08 14:13	mae	8060279	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	06/11/08 14:13	mae	8060279	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	06/11/08 14:13	mae	8060279	SW 8260B
<i>Surr: Dibromofluoromethane (89-119%)</i>	<i>113 %</i>									
<i>Surr: Toluene-d8 (91-109%)</i>	<i>97 %</i>									
<i>Surr: 4-Bromofluorobenzene (89-114%)</i>	<i>109 %</i>									

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Received: 06/10/08  
 Reported: 06/13/08 09:31

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup	%	Dup	% REC	RPD		Q
								Result	REC	%REC	Limits	RPD	Limit	
<b>VOCs by SW8260B</b>														
Benzene	8060257			ug/kg wet	N/A	25	<25							
Bromobenzene	8060257			ug/kg wet	N/A	25	<25							
Bromochloromethane	8060257			ug/kg wet	N/A	35	<35							
Bromodichloromethane	8060257			ug/kg wet	N/A	25	<25							
Bromoform	8060257			ug/kg wet	N/A	25	<25							
Bromomethane	8060257			ug/kg wet	N/A	100	<100							
n-Butylbenzene	8060257			ug/kg wet	N/A	25	<25							
sec-Butylbenzene	8060257			ug/kg wet	N/A	25	<25							
tert-Butylbenzene	8060257			ug/kg wet	N/A	25	<25							
Carbon Tetrachloride	8060257			ug/kg wet	N/A	25	<25							
Chlorobenzene	8060257			ug/kg wet	N/A	25	<25							
Chlorodibromomethane	8060257			ug/kg wet	N/A	25	<25							
Chloroethane	8060257			ug/kg wet	N/A	50	<50							
Chloroform	8060257			ug/kg wet	N/A	25	<25							
Chloromethane	8060257			ug/kg wet	N/A	50	<50							
2-Chlorotoluene	8060257			ug/kg wet	N/A	50	<50							
4-Chlorotoluene	8060257			ug/kg wet	N/A	25	<25							
1,2-Dibromo-3-chloropropane	8060257			ug/kg wet	N/A	50	<50							
1,2-Dibromoethane (EDB)	8060257			ug/kg wet	N/A	25	<25							
Dibromomethane	8060257			ug/kg wet	N/A	25	<25							
1,2-Dichlorobenzene	8060257			ug/kg wet	N/A	25	<25							
1,3-Dichlorobenzene	8060257			ug/kg wet	N/A	25	<25							
1,4-Dichlorobenzene	8060257			ug/kg wet	N/A	25	<25							
Dichlorodifluoromethane	8060257			ug/kg wet	N/A	50	<50							
1,1-Dichloroethane	8060257			ug/kg wet	N/A	25	<25							
1,2-Dichloroethane	8060257			ug/kg wet	N/A	25	<25							
1,1-Dichloroethene	8060257			ug/kg wet	N/A	25	<25							
cis-1,2-Dichloroethene	8060257			ug/kg wet	N/A	25	<25							
trans-1,2-Dichloroethene	8060257			ug/kg wet	N/A	25	<25							
1,2-Dichloropropane	8060257			ug/kg wet	N/A	25	<25							
1,3-Dichloropropane	8060257			ug/kg wet	N/A	25	<25							
2,2-Dichloropropane	8060257			ug/kg wet	N/A	25	<25							
1,1-Dichloropropene	8060257			ug/kg wet	N/A	25	<25							
cis-1,3-Dichloropropene	8060257			ug/kg wet	N/A	25	<25							
trans-1,3-Dichloropropene	8060257			ug/kg wet	N/A	25	<25							
2,3-Dichloropropene	8060257			ug/kg wet	N/A	25	<25							
Isopropyl Ether	8060257			ug/kg wet	N/A	25	<25							
Ethylbenzene	8060257			ug/kg wet	N/A	25	<25							
Hexachlorobutadiene	8060257			ug/kg wet	N/A	35	<35							
Isopropylbenzene	8060257			ug/kg wet	N/A	25	<25							
p-Isopropyltoluene	8060257			ug/kg wet	N/A	25	<25							
Methylene Chloride	8060257			ug/kg wet	N/A	50	<50							
Methyl tert-Butyl Ether	8060257			ug/kg wet	N/A	25	<25							
Naphthalene	8060257			ug/kg wet	N/A	50	<50							
n-Propylbenzene	8060257			ug/kg wet	N/A	25	<25							

PEP Environmental Services LLC  
 7147 Cedar Sauk Road  
 Saukville, WI 53080  
 Mr. Pete Pavalko

Work Order: WRF0344  
 Project: RuthAnnes River Center Dry Clear  
 Project Number: 28006.01  
 Received: 06/10/08  
 Reported: 06/13/08 09:31

### LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
Styrene	8060257			ug/kg wet	N/A	50	<50							
1,1,1,2-Tetrachloroethane	8060257			ug/kg wet	N/A	25	<25							
1,1,2,2-Tetrachloroethane	8060257			ug/kg wet	N/A	25	<25							
Tetrachloroethene	8060257			ug/kg wet	N/A	25	<25							
Toluene	8060257			ug/kg wet	N/A	25	<25							
1,2,3-Trichlorobenzene	8060257			ug/kg wet	N/A	25	<25							
1,2,4-Trichlorobenzene	8060257			ug/kg wet	N/A	25	<25							
1,1,1-Trichloroethane	8060257			ug/kg wet	N/A	25	<25							
1,1,2-Trichloroethane	8060257			ug/kg wet	N/A	35	<35							
Trichloroethene	8060257			ug/kg wet	N/A	25	<25							
Trichlorofluoromethane	8060257			ug/kg wet	N/A	25	<25							C9
1,2,3-Trichloropropane	8060257			ug/kg wet	N/A	50	<50							
1,2,4-Trimethylbenzene	8060257			ug/kg wet	N/A	25	<25							
1,3,5-Trimethylbenzene	8060257			ug/kg wet	N/A	25	<25							
Vinyl chloride	8060257			ug/kg wet	N/A	35	<35							
Xylenes, total	8060257			ug/kg wet	N/A	85	<85							
Surrogate: Dibromofluoromethane	8060257			ug/kg wet					92		82-112			
Surrogate: Toluene-d8	8060257			ug/kg wet					99		91-106			
Surrogate: 4-Bromofluorobenzene	8060257			ug/kg wet					97		89-110			
Benzene	8060279			ug/L	0.20	0.67	<0.20							
Bromobenzene	8060279			ug/L	0.20	0.67	<0.20							
Bromochloromethane	8060279			ug/L	0.50	1.7	<0.50							
Bromodichloromethane	8060279			ug/L	0.20	0.67	<0.20							
Bromoform	8060279			ug/L	0.20	0.67	<0.20							
Bromomethane	8060279			ug/L	0.50	1.7	<0.50							
n-Butylbenzene	8060279			ug/L	0.20	0.67	<0.20							
sec-Butylbenzene	8060279			ug/L	0.25	0.83	<0.25							
tert-Butylbenzene	8060279			ug/L	0.20	0.67	<0.20							
Carbon Tetrachloride	8060279			ug/L	0.50	1.7	<0.50							
Chlorobenzene	8060279			ug/L	0.20	0.67	<0.20							
Chlorodibromomethane	8060279			ug/L	0.20	0.67	<0.20							
Chloroethane	8060279			ug/L	1.0	3.3	<1.0							
Chloroform	8060279			ug/L	0.20	0.67	<0.20							
Chloromethane	8060279			ug/L	0.30	1.0	<0.30							
2-Chlorotoluene	8060279			ug/L	0.50	1.7	<0.50							
4-Chlorotoluene	8060279			ug/L	0.20	0.67	<0.20							
1,2-Dibromo-3-chloropropane	8060279			ug/L	0.50	1.7	<0.50							
1,2-Dibromoethane (EDB)	8060279			ug/L	0.20	0.67	<0.20							
Dibromomethane	8060279			ug/L	0.20	0.67	<0.20							
1,2-Dichlorobenzene	8060279			ug/L	0.20	0.67	<0.20							
1,3-Dichlorobenzene	8060279			ug/L	0.20	0.67	<0.20							
1,4-Dichlorobenzene	8060279			ug/L	0.50	1.7	<0.50							
Dichlorodifluoromethane	8060279			ug/L	0.50	1.7	<0.50							
1,1-Dichloroethane	8060279			ug/L	0.50	1.7	<0.50							

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 Saukville, WI 53080  
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Work Order: WRF0344  
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 Received: 06/10/08  
 Reported: 06/13/08 09:31

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	Limit	Q
<b>VOCs by SW8260B</b>														
1,2-Dichloroethane	8060279			ug/L	0.50	1.7	<0.50							
1,1-Dichloroethene	8060279			ug/L	0.50	1.7	<0.50							
cis-1,2-Dichloroethene	8060279			ug/L	0.50	1.7	<0.50							
trans-1,2-Dichloroethene	8060279			ug/L	0.50	1.7	<0.50							
1,2-Dichloropropane	8060279			ug/L	0.50	1.7	<0.50							
1,3-Dichloropropane	8060279			ug/L	0.25	0.83	<0.25							
2,2-Dichloropropane	8060279			ug/L	0.50	1.7	<0.50							
1,1-Dichloropropene	8060279			ug/L	0.50	1.7	<0.50							
cis-1,3-Dichloropropene	8060279			ug/L	0.20	0.67	<0.20							
trans-1,3-Dichloropropene	8060279			ug/L	0.20	0.67	<0.20							
2,3-Dichloropropene	8060279			ug/L	0.25	0.83	<0.25							
Isopropyl Ether	8060279			ug/L	0.50	1.7	<0.50							
Ethylbenzene	8060279			ug/L	0.50	1.7	<0.50							
Hexachlorobutadiene	8060279			ug/L	0.50	1.7	<0.50							
Isopropylbenzene	8060279			ug/L	0.20	0.67	<0.20							
p-Isopropyltoluene	8060279			ug/L	0.20	0.67	<0.20							
Methylene Chloride	8060279			ug/L	1.0	3.3	<1.0							
Methyl tert-Butyl Ether	8060279			ug/L	0.50	1.7	<0.50							
Naphthalene	8060279			ug/L	0.25	0.83	<0.25							
n-Propylbenzene	8060279			ug/L	0.50	1.7	<0.50							
Styrene	8060279			ug/L	0.50	1.7	<0.50							
1,1,1,2-Tetrachloroethane	8060279			ug/L	0.25	0.83	<0.25							
1,1,2,2-Tetrachloroethane	8060279			ug/L	0.20	0.67	<0.20							
Tetrachloroethene	8060279			ug/L	0.50	1.7	<0.50							
Toluene	8060279			ug/L	0.50	1.7	<0.50							
1,2,3-Trichlorobenzene	8060279			ug/L	0.25	0.83	<0.25							
1,2,4-Trichlorobenzene	8060279			ug/L	0.25	0.83	<0.25							
1,1,1-Trichloroethane	8060279			ug/L	0.50	1.7	<0.50							
1,1,2-Trichloroethane	8060279			ug/L	0.25	0.83	<0.25							
Trichloroethene	8060279			ug/L	0.20	0.67	<0.20							
Trichlorofluoromethane	8060279			ug/L	0.50	1.7	<0.50							
1,2,3-Trichloropropane	8060279			ug/L	0.50	1.7	<0.50							
1,2,4-Trimethylbenzene	8060279			ug/L	0.20	0.67	<0.20							
1,3,5-Trimethylbenzene	8060279			ug/L	0.20	0.67	<0.20							
Vinyl chloride	8060279			ug/L	0.20	0.67	<0.20							
Xylenes, Total	8060279			ug/L	0.50	1.7	<0.50							
Surrogate: Dibromofluoromethane	8060279			ug/L					111		89-119			
Surrogate: Toluene-d8	8060279			ug/L					96		91-109			
Surrogate: 4-Bromofluorobenzene	8060279			ug/L					105		89-114			

PEP Environmental Services LLC  
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Work Order: WRF0344  
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 Received: 06/10/08  
 Reported: 06/13/08 09:31

### CCV QC DATA

Analyte	Seq/	Source	Spike	Units	MDL	MRL	Result	Dup	%	Dup	% REC	RPD		Q
	Batch	Result	Level					Result	REC	%REC	Limits	RPD	Limit	
<b>VOCs by SW8260B</b>														
Benzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2220		89			80-120		
Bromobenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2280		91			80-120		
Bromochloromethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2240		89			80-120		
Bromodichloromethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2360		94			80-120		
Bromoform	8F10010		2500.0	ug/kg wet	N/A	N/A	2160		86			80-120		
Bromomethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2230		89			80-120		
n-Butylbenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2330		93			80-120		
sec-Butylbenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2360		94			80-120		
tert-Butylbenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2410		96			80-120		
Carbon Tetrachloride	8F10010		2500.0	ug/kg wet	N/A	N/A	2360		94			80-120		
Chlorobenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2310		92			80-120		
Chlorodibromomethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2500		100			80-120		
Chloroethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2080		83			80-120		
Chloroform	8F10010		2500.0	ug/kg wet	N/A	N/A	2200		88			80-120		
Chloromethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2220		89			80-120		
2-Chlorotoluene	8F10010		2500.0	ug/kg wet	N/A	N/A	2350		94			80-120		
4-Chlorotoluene	8F10010		2500.0	ug/kg wet	N/A	N/A	2360		94			80-120		
1,2-Dibromo-3-chloropropane	8F10010		2500.0	ug/kg wet	N/A	N/A	2250		90			80-120		
1,2-Dibromoethane (EDB)	8F10010		2500.0	ug/kg wet	N/A	N/A	2320		93			80-120		
Dibromomethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2260		90			80-120		
1,2-Dichlorobenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2340		94			80-120		
1,3-Dichlorobenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2360		94			80-120		
1,4-Dichlorobenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2300		92			80-120		
Dichlorodifluoromethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2160		86			80-120		
1,1-Dichloroethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2160		86			80-120		
1,2-Dichloroethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2200		88			80-120		
1,1-Dichloroethene	8F10010		2500.0	ug/kg wet	N/A	N/A	2110		84			80-120		
cis-1,2-Dichloroethene	8F10010		2500.0	ug/kg wet	N/A	N/A	2240		90			80-120		
trans-1,2-Dichloroethene	8F10010		2500.0	ug/kg wet	N/A	N/A	2450		98			80-120		
1,2-Dichloropropane	8F10010		2500.0	ug/kg wet	N/A	N/A	2260		90			80-120		
1,3-Dichloropropane	8F10010		2500.0	ug/kg wet	N/A	N/A	2290		91			80-120		
2,2-Dichloropropane	8F10010		2500.0	ug/kg wet	N/A	N/A	2150		86			80-120		
1,1-Dichloropropene	8F10010		2500.0	ug/kg wet	N/A	N/A	2320		93			80-120		
cis-1,3-Dichloropropene	8F10010		2500.0	ug/kg wet	N/A	N/A	2440		98			80-120		
trans-1,3-Dichloropropene	8F10010		2500.0	ug/kg wet	N/A	N/A	2450		98			80-120		
2,3-Dichloropropene	8F10010		2500.0	ug/kg wet	N/A	N/A	2330		93			80-120		
Isopropyl Ether	8F10010		2500.0	ug/kg wet	N/A	N/A	2220		89			80-120		
Ethylbenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2360		95			80-120		
Hexachlorobutadiene	8F10010		2500.0	ug/kg wet	N/A	N/A	2230		89			80-120		
Isopropylbenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2400		96			80-120		
p-Isopropyltoluene	8F10010		2500.0	ug/kg wet	N/A	N/A	2400		96			80-120		
Methylene Chloride	8F10010		2500.0	ug/kg wet	N/A	N/A	2200		88			80-120		
Methyl tert-Butyl Ether	8F10010		2500.0	ug/kg wet	N/A	N/A	2500		100			80-120		
Naphthalene	8F10010		2500.0	ug/kg wet	N/A	N/A	2270		91			80-120		
n-Propylbenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2360		94			80-120		

PEP Environmental Services LLC  
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Mr. Pete Pavalko

Work Order: WRF0344  
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Received: 06/10/08  
Reported: 06/13/08 09:31

### CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD Limit	Q
<b>VOCs by SW8260B</b>													
Styrene	8F10010		2500.0	ug/kg wet	N/A	N/A	2420		97		80-120		
1,1,1,2-Tetrachloroethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2560		102		80-120		
1,1,2,2-Tetrachloroethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2150		86		80-120		
Tetrachloroethene	8F10010		2500.0	ug/kg wet	N/A	N/A	2290		91		80-120		
Toluene	8F10010		2500.0	ug/kg wet	N/A	N/A	2290		92		80-120		
1,2,3-Trichlorobenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2300		92		80-120		
1,2,4-Trichlorobenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2340		94		80-120		
1,1,1-Trichloroethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2130		85		80-120		
1,1,2-Trichloroethane	8F10010		2500.0	ug/kg wet	N/A	N/A	2280		91		80-120		
Trichloroethene	8F10010		2500.0	ug/kg wet	N/A	N/A	2240		89		80-120		
Trichlorofluoromethane	8F10010		2500.0	ug/kg wet	N/A	N/A	1990		79		80-120		C9
1,2,3-Trichloropropane	8F10010		2500.0	ug/kg wet	N/A	N/A	2100		84		80-120		
1,2,4-Trimethylbenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2440		98		80-120		
1,3,5-Trimethylbenzene	8F10010		2500.0	ug/kg wet	N/A	N/A	2420		97		80-120		
Vinyl chloride	8F10010		2500.0	ug/kg wet	N/A	N/A	2110		84		80-120		
Xylenes, total	8F10010		7500.0	ug/kg wet	N/A	N/A	7180		96		80-120		
<i>Surrogate: Dibromofluoromethane</i>	<i>8F10010</i>			ug/kg wet					<i>91</i>		<i>80-120</i>		
<i>Surrogate: Toluene-d8</i>	<i>8F10010</i>			ug/kg wet					<i>99</i>		<i>80-120</i>		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>8F10010</i>			ug/kg wet					<i>102</i>		<i>80-120</i>		
Benzene	8F11002		50.000	ug/L	N/A	N/A	44.6		89		80-120		
Bromobenzene	8F11002		50.000	ug/L	N/A	N/A	48.9		98		80-120		
Bromochloromethane	8F11002		50.000	ug/L	N/A	N/A	53.2		106		80-120		
Bromodichloromethane	8F11002		50.000	ug/L	N/A	N/A	50.7		101		80-120		
Bromoforn	8F11002		50.000	ug/L	N/A	N/A	54.4		109		80-120		
Bromomethane	8F11002		50.000	ug/L	N/A	N/A	57.5		115		80-120		
n-Butylbenzene	8F11002		50.000	ug/L	N/A	N/A	48.5		97		80-120		
sec-Butylbenzene	8F11002		50.000	ug/L	N/A	N/A	51.0		102		80-120		
tert-Butylbenzene	8F11002		50.000	ug/L	N/A	N/A	51.7		103		80-120		
Carbon Tetrachloride	8F11002		50.000	ug/L	N/A	N/A	58.3		117		80-120		
Chlorobenzene	8F11002		50.000	ug/L	N/A	N/A	50.4		101		80-120		
Chlorodibromomethane	8F11002		50.000	ug/L	N/A	N/A	53.2		106		80-120		
Chloroethane	8F11002		50.000	ug/L	N/A	N/A	54.8		110		80-120		
Chloroform	8F11002		50.000	ug/L	N/A	N/A	51.8		104		80-120		
Chloromethane	8F11002		50.000	ug/L	N/A	N/A	41.8		84		80-120		
2-Chlorotoluene	8F11002		50.000	ug/L	N/A	N/A	49.5		99		80-120		
4-Chlorotoluene	8F11002		50.000	ug/L	N/A	N/A	48.4		97		80-120		
1,2-Dibromo-3-chloropropane	8F11002		50.000	ug/L	N/A	N/A	59.2		118		80-120		
1,2-Dibromoethane (EDB)	8F11002		50.000	ug/L	N/A	N/A	55.2		110		80-120		
Dibromomethane	8F11002		50.000	ug/L	N/A	N/A	53.8		108		80-120		
1,2-Dichlorobenzene	8F11002		50.000	ug/L	N/A	N/A	52.1		104		80-120		
1,3-Dichlorobenzene	8F11002		50.000	ug/L	N/A	N/A	51.4		103		80-120		
1,4-Dichlorobenzene	8F11002		50.000	ug/L	N/A	N/A	50.6		101		80-120		
Dichlorodifluoromethane	8F11002		50.000	ug/L	N/A	N/A	46.1		92		80-120		
1,1-Dichloroethane	8F11002		50.000	ug/L	N/A	N/A	53.6		107		80-120		

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### CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
1,2-Dichloroethane	8F11002		50.000	ug/L	N/A	N/A	58.4		117		80-120			
1,1-Dichloroethane	8F11002		50.000	ug/L	N/A	N/A	55.3		111		80-120			
cis-1,2-Dichloroethane	8F11002		50.000	ug/L	N/A	N/A	51.8		104		80-120			
trans-1,2-Dichloroethane	8F11002		50.000	ug/L	N/A	N/A	52.6		105		80-120			
1,2-Dichloropropane	8F11002		50.000	ug/L	N/A	N/A	48.6		97		80-120			
1,3-Dichloropropane	8F11002		50.000	ug/L	N/A	N/A	47.9		96		80-120			
2,2-Dichloropropane	8F11002		50.000	ug/L	N/A	N/A	55.7		111		80-120			
1,1-Dichloropropene	8F11002		50.000	ug/L	N/A	N/A	49.0		98		80-120			
cis-1,3-Dichloropropene	8F11002		50.000	ug/L	N/A	N/A	48.7		97		80-120			
trans-1,3-Dichloropropene	8F11002		50.000	ug/L	N/A	N/A	50.8		102		80-120			
2,3-Dichloropropene	8F11002		50.000	ug/L	N/A	N/A	48.6		97		80-120			
Isopropyl Ether	8F11002		50.000	ug/L	N/A	N/A	53.4		107		80-120			
Ethylbenzene	8F11002		50.000	ug/L	N/A	N/A	49.6		99		80-120			
Hexachlorobutadiene	8F11002		50.000	ug/L	N/A	N/A	45.8		92		80-120			
Isopropylbenzene	8F11002		50.000	ug/L	N/A	N/A	50.8		102		80-120			
p-Isopropyltoluene	8F11002		50.000	ug/L	N/A	N/A	51.3		103		80-120			
Methylene Chloride	8F11002		50.000	ug/L	N/A	N/A	54.0		108		80-120			
Methyl tert-Butyl Ether	8F11002		50.000	ug/L	N/A	N/A	57.5		115		80-120			
Naphthalene	8F11002		50.000	ug/L	N/A	N/A	48.9		98		80-120			
n-Propylbenzene	8F11002		50.000	ug/L	N/A	N/A	50.2		100		80-120			
Styrene	8F11002		50.000	ug/L	N/A	N/A	55.8		112		80-120			
1,1,1,2-Tetrachloroethane	8F11002		50.000	ug/L	N/A	N/A	50.8		102		80-120			
1,1,2,2-Tetrachloroethane	8F11002		50.000	ug/L	N/A	N/A	49.7		99		80-120			
Tetrachloroethene	8F11002		50.000	ug/L	N/A	N/A	48.3		97		80-120			
Toluene	8F11002		50.000	ug/L	N/A	N/A	47.0		94		80-120			
1,2,3-Trichlorobenzene	8F11002		50.000	ug/L	N/A	N/A	46.8		94		80-120			
1,2,4-Trichlorobenzene	8F11002		50.000	ug/L	N/A	N/A	47.1		94		80-120			
1,1,1-Trichloroethane	8F11002		50.000	ug/L	N/A	N/A	53.7		107		80-120			
1,1,2-Trichloroethane	8F11002		50.000	ug/L	N/A	N/A	49.0		98		80-120			
Trichloroethene	8F11002		50.000	ug/L	N/A	N/A	50.9		102		80-120			
Trichlorofluoromethane	8F11002		50.000	ug/L	N/A	N/A	54.9		110		80-120			
1,2,3-Trichloropropane	8F11002		50.000	ug/L	N/A	N/A	56.7		113		80-120			
1,2,4-Trimethylbenzene	8F11002		50.000	ug/L	N/A	N/A	49.4		99		80-120			
1,3,5-Trimethylbenzene	8F11002		50.000	ug/L	N/A	N/A	49.4		99		80-120			
Vinyl chloride	8F11002		50.000	ug/L	N/A	N/A	48.9		98		80-120			
Xylenes, Total	8F11002		150.00	ug/L	N/A	N/A	147		98		80-120			
Surrogate: Dibromofluoromethane	8F11002			ug/L					112		80-120			
Surrogate: Toluene-d8	8F11002			ug/L					96		80-120			
Surrogate: 4-Bromofluorobenzene	8F11002			ug/L					102		80-120			



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### LABORATORY DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>General Chemistry Parameters</b>													
QC Source Sample: WRF0344-01													
% Solids	8060336	96.1		%	N/A	N/A	95.9				0	20	
QC Source Sample: WRF0349-02													
% Solids	8060336	94.7		%	N/A	N/A	95.3				1	20	

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### LCS/LCS DUPLICATE QC DATA

Analyte	Seq/	Source	Spike	Units	MDL	MRL	Result	Dup	%	Dup	% REC	RPD	Limit	Q
	Batch	Result	Level					Result	REC	%REC	RPD			
<b>VOCs by SW8260B</b>														
Benzene	8060257		2500.0	ug/kg wet	N/A	N/A	2250		90			64-124		
Bromobenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2310		92			70-130		
Bromochloromethane	8060257		2500.0	ug/kg wet	N/A	N/A	2340		94			70-130		
Bromodichloromethane	8060257		2500.0	ug/kg wet	N/A	N/A	2460		98			70-130		
Bromoform	8060257		2500.0	ug/kg wet	N/A	N/A	2320		93			70-130		
Bromomethane	8060257		2500.0	ug/kg wet	N/A	N/A	2240		90			70-130		
n-Butylbenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2410		96			70-130		
sec-Butylbenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2390		95			70-130		
tert-Butylbenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2440		97			70-130		
Carbon Tetrachloride	8060257		2500.0	ug/kg wet	N/A	N/A	2540		102			70-130		
Chlorobenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2380		95			80-123		
Chlorodibromomethane	8060257		2500.0	ug/kg wet	N/A	N/A	2690		108			70-130		
Chloroethane	8060257		2500.0	ug/kg wet	N/A	N/A	2210		88			70-130		
Chloroform	8060257		2500.0	ug/kg wet	N/A	N/A	2290		92			70-130		
Chloromethane	8060257		2500.0	ug/kg wet	N/A	N/A	2420		97			70-130		
2-Chlorotoluene	8060257		2500.0	ug/kg wet	N/A	N/A	2380		95			70-130		
4-Chlorotoluene	8060257		2500.0	ug/kg wet	N/A	N/A	2400		96			70-130		
1,2-Dibromo-3-chloropropane	8060257		2500.0	ug/kg wet	N/A	N/A	2390		96			70-130		
1,2-Dibromoethane (EDB)	8060257		2500.0	ug/kg wet	N/A	N/A	2390		96			70-130		
Dibromomethane	8060257		2500.0	ug/kg wet	N/A	N/A	2270		91			70-130		
1,2-Dichlorobenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2400		96			70-130		
1,3-Dichlorobenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2420		97			70-130		
1,4-Dichlorobenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2370		95			70-130		
Dichlorodifluoromethane	8060257		2500.0	ug/kg wet	N/A	N/A	2090		84			70-130		
1,1-Dichloroethane	8060257		2500.0	ug/kg wet	N/A	N/A	2230		89			70-130		
1,2-Dichloroethane	8060257		2500.0	ug/kg wet	N/A	N/A	2310		92			70-130		
1,1-Dichloroethene	8060257		2500.0	ug/kg wet	N/A	N/A	2280		91			43-141		
cis-1,2-Dichloroethene	8060257		2500.0	ug/kg wet	N/A	N/A	2330		93			70-130		
trans-1,2-Dichloroethene	8060257		2500.0	ug/kg wet	N/A	N/A	2310		92			70-130		
1,2-Dichloropropane	8060257		2500.0	ug/kg wet	N/A	N/A	2330		93			70-130		
1,3-Dichloropropane	8060257		2500.0	ug/kg wet	N/A	N/A	2370		95			70-130		
2,2-Dichloropropane	8060257		2500.0	ug/kg wet	N/A	N/A	2320		93			70-130		
1,1-Dichloropropene	8060257		2500.0	ug/kg wet	N/A	N/A	2380		95			70-130		
cis-1,3-Dichloropropene	8060257		2500.0	ug/kg wet	N/A	N/A	2510		101			70-130		
trans-1,3-Dichloropropene	8060257		2500.0	ug/kg wet	N/A	N/A	2550		102			70-130		
Ethylbenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2430		97			79-122		
Hexachlorobutadiene	8060257		2500.0	ug/kg wet	N/A	N/A	2480		99			70-130		
Isopropylbenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2080		83			70-130		
p-Isopropyltoluene	8060257		2500.0	ug/kg wet	N/A	N/A	2450		98			70-130		
Methylene Chloride	8060257		2500.0	ug/kg wet	N/A	N/A	2440		98			70-130		
Methyl tert-Butyl Ether	8060257		2406.2	ug/kg wet	N/A	N/A	2320		97			55-137		
Naphthalene	8060257		2500.0	ug/kg wet	N/A	N/A	2560		102			70-130		
n-Propylbenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2380		95			70-130		
Styrene	8060257		2500.0	ug/kg wet	N/A	N/A	2500		100			70-130		
1,1,1,2-Tetrachloroethane	8060257		2500.0	ug/kg wet	N/A	N/A	2720		109			70-130		

PEP Environmental Services LLC  
 7147 Cedar Sauk Road  
 Saukville, WI 53080  
 Mr. Pete Pavalko

Work Order: WRF0344  
 Project: RuthAnnes River Center Dry Clear  
 Project Number: 28006.01  
 Received: 06/10/08  
 Reported: 06/13/08 09:31

### LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
1,1,2,2-Tetrachloroethane	8060257		2500.0	ug/kg wet	N/A	N/A	2180		87		70-130			
Tetrachloroethene	8060257		2500.0	ug/kg wet	N/A	N/A	2350		94		70-130			
Toluene	8060257		2500.0	ug/kg wet	N/A	N/A	2370		95		78-120			
1,2,3-Trichlorobenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2640		105		70-130			
1,2,4-Trichlorobenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2660		107		70-130			
1,1,1-Trichloroethane	8060257		2500.0	ug/kg wet	N/A	N/A	2270		91		70-130			
1,1,2-Trichloroethane	8060257		2500.0	ug/kg wet	N/A	N/A	2330		93		70-130			
Trichloroethene	8060257		2500.0	ug/kg wet	N/A	N/A	2280		91		78-124			
Trichlorofluoromethane	8060257		2500.0	ug/kg wet	N/A	N/A	2110		84		70-130			C9
1,2,3-Trichloropropane	8060257		2500.0	ug/kg wet	N/A	N/A	2200		88		70-130			
1,2,4-Trimethylbenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2500		100		75-128			
1,3,5-Trimethylbenzene	8060257		2500.0	ug/kg wet	N/A	N/A	2450		98		76-127			
Vinyl chloride	8060257		2500.0	ug/kg wet	N/A	N/A	2100		84		70-130			
Xylenes, total	8060257		7500.0	ug/kg wet	N/A	N/A	7430		99		79-122			
Surrogate: Dibromofluoromethane	8060257			ug/kg wet					92		82-112			
Surrogate: Toluene-d8	8060257			ug/kg wet					99		91-106			
Surrogate: 4-Bromofluorobenzene	8060257			ug/kg wet					104		89-110			

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0344  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28006.01

Received: 06/10/08  
Reported: 06/13/08 09:31

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
<b>QC Source Sample: WRF0283-02</b>														
Benzene	8060279	<0.20	50.000	ug/L	0.20	0.67	48.8	48.2	98	96	80-121	1	11	
Bromobenzene	8060279	<0.20	50.000	ug/L	0.20	0.67	53.4	51.7	107	103	70-130	3	20	
Bromochloromethane	8060279	<0.50	50.000	ug/L	0.50	1.7	51.3	53.9	103	108	70-130	5	20	
Bromodichloromethane	8060279	<0.20	50.000	ug/L	0.20	0.67	50.8	52.7	102	105	70-130	4	20	
Bromoform	8060279	<0.20	50.000	ug/L	0.20	0.67	53.4	54.6	107	109	70-130	2	20	
Bromomethane	8060279	<0.50	50.000	ug/L	0.50	1.7	61.0	67.9	122	136	70-130	11	20	
n-Butylbenzene	8060279	<0.20	50.000	ug/L	0.20	0.67	51.8	49.4	104	99	70-130	5	20	
sec-Butylbenzene	8060279	<0.25	50.000	ug/L	0.25	0.83	53.9	55.2	108	110	70-130	2	20	
tert-Butylbenzene	8060279	<0.20	50.000	ug/L	0.20	0.67	53.1	56.0	106	112	70-130	5	20	
Carbon Tetrachloride	8060279	<0.50	50.000	ug/L	0.50	1.7	59.7	61.3	119	123	70-130	3	20	
Chlorobenzene	8060279	<0.20	50.000	ug/L	0.20	0.67	52.9	53.3	106	107	85-116	1	9	
Chlorodibromomethane	8060279	<0.20	50.000	ug/L	0.20	0.67	52.7	54.9	105	110	70-130	4	20	
Chloroethane	8060279	<1.0	50.000	ug/L	1.0	3.3	56.0	60.7	112	121	70-130	8	20	
Chloroform	8060279	<0.20	50.000	ug/L	0.20	0.67	50.6	52.9	101	106	70-130	4	20	
Chloromethane	8060279	<0.30	50.000	ug/L	0.30	1.0	44.7	43.5	89	87	70-130	3	20	
2-Chlorotoluene	8060279	<0.50	50.000	ug/L	0.50	1.7	53.6	53.3	107	107	70-130	1	20	
4-Chlorotoluene	8060279	<0.20	50.000	ug/L	0.20	0.67	51.6	51.3	103	103	70-130	1	20	
1,2-Dibromo-3-chloropropane	8060279	<0.50	50.000	ug/L	0.50	1.7	50.1	51.7	100	103	70-130	3	20	
1,2-Dibromoethane (EDB)	8060279	<0.20	50.000	ug/L	0.20	0.67	52.1	54.6	104	109	70-130	5	20	
Dibromomethane	8060279	<0.20	50.000	ug/L	0.20	0.67	53.4	54.3	107	109	70-130	2	20	
1,2-Dichlorobenzene	8060279	<0.20	50.000	ug/L	0.20	0.67	51.9	50.5	104	101	70-130	3	20	
1,3-Dichlorobenzene	8060279	<0.20	50.000	ug/L	0.20	0.67	54.1	53.4	108	107	70-130	1	20	
1,4-Dichlorobenzene	8060279	<0.50	50.000	ug/L	0.50	1.7	51.8	53.0	104	106	70-130	2	20	
Dichlorodifluoromethane	8060279	<0.50	50.000	ug/L	0.50	1.7	45.1	43.2	90	86	70-130	4	20	
1,1-Dichloroethane	8060279	0.560	50.000	ug/L	0.50	1.7	54.2	56.6	107	112	70-130	4	20	
1,2-Dichloroethane	8060279	<0.50	50.000	ug/L	0.50	1.7	50.7	55.4	101	111	70-130	9	20	
1,1-Dichloroethene	8060279	<0.50	50.000	ug/L	0.50	1.7	58.4	62.2	117	124	72-131	6	17	
cis-1,2-Dichloroethene	8060279	74.8	50.000	ug/L	0.50	1.7	122	126	94	103	70-130	3	20	
trans-1,2-Dichloroethene	8060279	1.26	50.000	ug/L	0.50	1.7	55.9	58.2	109	114	70-130	4	20	
1,2-Dichloropropane	8060279	<0.50	50.000	ug/L	0.50	1.7	50.3	50.2	101	100	70-130	0	20	
1,3-Dichloropropane	8060279	<0.25	50.000	ug/L	0.25	0.83	48.8	49.1	98	98	70-130	1	20	
2,2-Dichloropropane	8060279	<0.50	50.000	ug/L	0.50	1.7	55.9	58.7	112	117	70-130	5	20	
1,1-Dichloropropene	8060279	<0.50	50.000	ug/L	0.50	1.7	52.4	53.1	105	106	70-130	1	20	
cis-1,3-Dichloropropene	8060279	<0.20	50.000	ug/L	0.20	0.67	50.9	50.6	102	101	70-130	1	20	
trans-1,3-Dichloropropene	8060279	<0.20	50.000	ug/L	0.20	0.67	50.7	52.0	101	104	70-130	3	20	
Isopropyl Ether	8060279	<0.50	50.000	ug/L	0.50	1.7	52.5	54.4	105	109	68-128	4	16	
Ethylbenzene	8060279	<0.50	50.000	ug/L	0.50	1.7	53.8	53.4	108	107	83-118	1	13	
Hexachlorobutadiene	8060279	<0.50	50.000	ug/L	0.50	1.7	55.9	52.0	112	104	70-130	7	20	
Isopropylbenzene	8060279	<0.20	50.000	ug/L	0.20	0.67	55.0	55.4	110	111	70-130	1	20	
p-Isopropyltoluene	8060279	<0.20	50.000	ug/L	0.20	0.67	54.6	55.9	109	112	70-130	2	20	
Methylene Chloride	8060279	<1.0	50.000	ug/L	1.0	3.3	54.8	56.7	110	113	70-130	3	20	
Methyl tert-Butyl Ether	8060279	<0.50	50.000	ug/L	0.50	1.7	52.6	57.0	105	114	71-127	8	22	
Naphthalene	8060279	<0.25	50.000	ug/L	0.25	0.83	48.9	50.5	98	101	70-130	3	20	
n-Propylbenzene	8060279	<0.50	50.000	ug/L	0.50	1.7	55.2	55.4	110	111	70-130	0	20	
Styrene	8060279	<0.50	50.000	ug/L	0.50	1.7	59.0	58.6	118	117	70-130	1	20	

PEP Environmental Services LLC  
 7147 Cedar Sauk Road  
 Saukville, WI 53080  
 Mr. Pete Pavalko

Work Order: WRF0344  
 Project: RuthAnnes River Center Dry Clear  
 Project Number: 28006.01  
 Received: 06/10/08  
 Reported: 06/13/08 09:31

### MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/	Source	Spike					Dup	%	Dup	% REC	RPD		Q
	Batch	Result	Level	Units	MDL	MRL	Result	Result	REC	%REC	Limits	RPD	Limit	
<b>VOCs by SW8260B</b>														
<b>QC Source Sample: WRF0283-02</b>														
1,1,1,2-Tetrachloroethane	8060279	<0.25	50.000	ug/L	0.25	0.83	53.3	52.8	107	106	70-130	1	20	
1,1,2,2-Tetrachloroethane	8060279	<0.20	50.000	ug/L	0.20	0.67	48.1	48.9	96	98	70-130	2	20	
Tetrachloroethene	8060279	<0.50	50.000	ug/L	0.50	1.7	55.6	54.2	111	108	70-130	3	20	
Toluene	8060279	<0.50	50.000	ug/L	0.50	1.7	51.6	51.1	103	102	82-116	1	11	
1,2,3-Trichlorobenzene	8060279	<0.25	50.000	ug/L	0.25	0.83	50.6	50.0	101	100	70-130	1	20	
1,2,4-Trichlorobenzene	8060279	<0.25	50.000	ug/L	0.25	0.83	51.6	50.4	103	101	70-130	2	20	
1,1,1-Trichloroethane	8060279	<0.50	50.000	ug/L	0.50	1.7	55.7	57.2	111	114	70-130	3	20	
1,1,2-Trichloroethane	8060279	<0.25	50.000	ug/L	0.25	0.83	48.8	49.7	98	99	70-130	2	20	
Trichloroethene	8060279	18.9	50.000	ug/L	0.20	0.67	75.4	75.7	113	114	80-117	0	13	
Trichlorofluoromethane	8060279	<0.50	50.000	ug/L	0.50	1.7	57.0	61.5	114	123	70-130	8	20	
1,2,3-Trichloropropane	8060279	<0.50	50.000	ug/L	0.50	1.7	50.3	54.6	101	109	70-130	8	20	
1,2,4-Trimethylbenzene	8060279	<0.20	50.000	ug/L	0.20	0.67	52.9	52.9	106	106	80-122	0	14	
1,3,5-Trimethylbenzene	8060279	<0.20	50.000	ug/L	0.20	0.67	54.2	54.1	108	108	83-122	0	12	
Vinyl chloride	8060279	0.290	50.000	ug/L	0.20	0.67	51.4	55.2	102	110	70-130	7	20	
Xylenes, Total	8060279	<0.50	150.00	ug/L	0.50	1.7	160	158	107	106	84-119	1	12	
Surrogate: Dibromofluoromethane	8060279			ug/L					101	103	89-119			
Surrogate: Toluene-d8	8060279			ug/L					96	96	91-109			
Surrogate: 4-Bromofluorobenzene	8060279			ug/L					98	101	89-114			

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0344  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28006.01  
Received: 06/10/08  
Reported: 06/13/08 09:31

### CERTIFICATION SUMMARY

#### TestAmerica Watertown

Method	Matrix	Nelac	Wisconsin
SW 5035	Solid/Soil	X	X
SW 8260B	Solid/Soil	X	X
SW 8260B	Water - NonPotable	X	X

### DATA QUALIFIERS AND DEFINITIONS

- C9** Calibration Verification recovery was outside the method control limits for this analyte. The LCS for this analyte met CCV acceptance criteria, and was used to validate the batch.
- J** Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

### ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.



June 25, 2008

Client: PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080

Work Order: WRF0800  
Project Name: RuthAnnes River Center Dry Cleaner  
Project Number: 28005.01

Attn: Mr. Pete Pavalko

Date Received: 06/23/08

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
East Potable Well	WRF0800-01	06/19/08 08:30
West Potable Well	WRF0800-02	06/19/08 08:45
Trip Blank	WRF0800-03	06/19/08

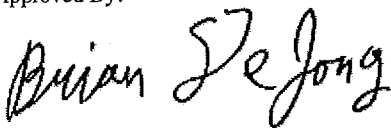
Samples were received without ice into laboratory at a temperature of 22 °C.

Wisconsin Certification Number: 128053530

The Chain of Custody, 1 page, is included and is an integral part of this report.

*Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.*

Approved By:



TestAmerica Watertown  
Brian DeJong For Warren L. Topel  
Project Manager



PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0800  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28005.01

Received: 06/23/08  
Reported: 06/25/08 07:02

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method	
<b>Sample ID: WRF0800-01 (East Potable Well - Drinking Water)</b>							<b>Sampled: 06/19/08 08:30</b>				
VOCs by SW8260B											
Benzene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
Bromobenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
Bromoform	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
Bromomethane	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	06/24/08 16:48	mae	8060622	SW 8260B	
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
Chloroethane	<1.0		ug/L	1.0	3.3	1	06/24/08 16:48	mae	8060622	SW 8260B	
Chloroform	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
Chloromethane	<0.30		ug/L	0.30	1.0	1	06/24/08 16:48	mae	8060622	SW 8260B	
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
Dibromomethane	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,4-Dichlorobenzene	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	06/24/08 16:48	mae	8060622	SW 8260B	
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
2,3-Dichloropropene	<0.25		ug/L	0.25	0.83	1	06/24/08 16:48	mae	8060622	SW 8260B	
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	06/24/08 16:48	mae	8060622	SW 8260B	
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
Naphthalene	<0.25		ug/L	0.25	0.83	1	06/24/08 16:48	mae	8060622	SW 8260B	
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
Styrene	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	06/24/08 16:48	mae	8060622	SW 8260B	
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B	
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	
Toluene	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B	

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0800  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28005.01

Received: 06/23/08  
Reported: 06/25/08 07:02

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0800-01 (East Potable Well - Drinking Water) - cont.</b>						<b>Sampled: 06/19/08 08:30</b>				
VOCs by SW8260B - cont.										
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	06/24/08 16:48	mae	8060622	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	06/24/08 16:48	mae	8060622	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	06/24/08 16:48	mae	8060622	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	06/24/08 16:48	mae	8060622	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	06/24/08 16:48	mae	8060622	SW 8260B
Surr: Dibromofluoromethane (89-119%)	97 %									
Surr: Toluene-d8 (91-109%)	97 %									
Surr: 4-Bromofluorobenzene (89-114%)	93 %									
<b>Sample ID: WRF0800-02 (West Potable Well - Drinking Water)</b>						<b>Sampled: 06/19/08 08:45</b>				
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Bromomethane	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	06/24/08 17:15	mae	8060622	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	06/24/08 17:15	mae	8060622	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Chloromethane	<0.30		ug/L	0.30	1.0	1	06/24/08 17:15	mae	8060622	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	06/24/08 17:15	mae	8060622	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0800  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28005.01

Received: 06/23/08  
Reported: 06/25/08 07:02

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0800-02 (West Potable Well - Drinking Water) - cont.</b>						<b>Sampled: 06/19/08 08:45</b>				
VOCs by SW8260B - cont.										
2,3-Dichloropropene	<0.25		ug/L	0.25	0.83	1	06/24/08 17:15	mae	8060622	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	06/24/08 17:15	mae	8060622	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
Naphthalene	<0.25		ug/L	0.25	0.83	1	06/24/08 17:15	mae	8060622	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
Styrene	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	06/24/08 17:15	mae	8060622	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
Toluene	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	06/24/08 17:15	mae	8060622	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	06/24/08 17:15	mae	8060622	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	06/24/08 17:15	mae	8060622	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	06/24/08 17:15	mae	8060622	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	06/24/08 17:15	mae	8060622	SW 8260B
Surr: Dibromofluoromethane (89-119%)	100 %									
Surr: Toluene-d8 (91-109%)	104 %									
Surr: 4-Bromofluorobenzene (89-114%)	99 %									

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0800  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28005.01

Received: 06/23/08  
Reported: 06/25/08 07:02

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0800-03 (Trip Blank - Drinking Water)</b>						<b>Sampled: 06/19/08</b>				
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Bromomethane	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	06/24/08 15:55	mae	8060622	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	06/24/08 15:55	mae	8060622	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Chloromethane	<0.30		ug/L	0.30	1.0	1	06/24/08 15:55	mae	8060622	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
1,4-Dichlorobenzene	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
1,2-Dichloroethane	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	06/24/08 15:55	mae	8060622	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
2,3-Dichloropropene	<0.25		ug/L	0.25	0.83	1	06/24/08 15:55	mae	8060622	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	06/24/08 15:55	mae	8060622	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
Naphthalene	<0.25		ug/L	0.25	0.83	1	06/24/08 15:55	mae	8060622	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
Styrene	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	06/24/08 15:55	mae	8060622	SW 8260B
1,1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
Toluene	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	06/24/08 15:55	mae	8060622	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	06/24/08 15:55	mae	8060622	SW 8260B

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

602 Commerce Drive Watertown, WI 53094 \* 800-833-7036 \* Fax 920-261-8120

PEP Environmental Services LLC  
7147 Cedar Sauk Road  
Saukville, WI 53080  
Mr. Pete Pavalko

Work Order: WRF0800  
Project: RuthAnnes River Center Dry Clear  
Project Number: 28005.01

Received: 06/23/08  
Reported: 06/25/08 07:02

Analyte	Sample Result	Data Qualifiers	Units	MDL	LOQ	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
<b>Sample ID: WRF0800-03 (Trip Blank - Drinking Water) - cont.</b>						<b>Sampled: 06/19/08</b>				
VOCs by SW8260B - cont.										
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	06/24/08 15:55	mae	8060622	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	06/24/08 15:55	mae	8060622	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	06/24/08 15:55	mae	8060622	SW 8260B
Surr: Dibromofluoromethane (89-119%)	94 %									
Surr: Toluene-d8 (91-109%)	97 %									
Surr: 4-Bromofluorobenzene (89-114%)	93 %									

PEP Environmental Services LLC  
 7147 Cedar Sauk Road  
 Saukville, WI 53080  
 Mr. Pete Pavalko

Work Order: WRF0800  
 Project: RuthAnnes River Center Dry Clear  
 Project Number: 28005.01

Received: 06/23/08  
 Reported: 06/25/08 07:02

### LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
Benzene	8060622			ug/L	0.20	0.67	<0.20							
Bromobenzene	8060622			ug/L	0.20	0.67	<0.20							
Bromochloromethane	8060622			ug/L	0.50	1.7	<0.50							
Bromodichloromethane	8060622			ug/L	0.20	0.67	<0.20							
Bromoform	8060622			ug/L	0.20	0.67	<0.20							
Bromomethane	8060622			ug/L	0.50	1.7	<0.50							
n-Butylbenzene	8060622			ug/L	0.20	0.67	<0.20							
sec-Butylbenzene	8060622			ug/L	0.25	0.83	<0.25							
tert-Butylbenzene	8060622			ug/L	0.20	0.67	<0.20							
Carbon Tetrachloride	8060622			ug/L	0.50	1.7	<0.50							
Chlorobenzene	8060622			ug/L	0.20	0.67	<0.20							
Chlorodibromomethane	8060622			ug/L	0.20	0.67	<0.20							
Chloroethane	8060622			ug/L	1.0	3.3	<1.0							
Chloroform	8060622			ug/L	0.20	0.67	<0.20							
Chloromethane	8060622			ug/L	0.30	1.0	<0.30							
2-Chlorotoluene	8060622			ug/L	0.50	1.7	<0.50							
4-Chlorotoluene	8060622			ug/L	0.20	0.67	<0.20							
1,2-Dibromo-3-chloropropane	8060622			ug/L	0.50	1.7	<0.50							
1,2-Dibromoethane (EDB)	8060622			ug/L	0.20	0.67	<0.20							
Dibromomethane	8060622			ug/L	0.20	0.67	<0.20							
1,2-Dichlorobenzene	8060622			ug/L	0.20	0.67	<0.20							
1,3-Dichlorobenzene	8060622			ug/L	0.20	0.67	<0.20							
1,4-Dichlorobenzene	8060622			ug/L	0.50	1.7	<0.50							
Dichlorodifluoromethane	8060622			ug/L	0.50	1.7	<0.50							
1,1-Dichloroethane	8060622			ug/L	0.50	1.7	<0.50							
1,2-Dichloroethane	8060622			ug/L	0.50	1.7	<0.50							
1,1-Dichloroethene	8060622			ug/L	0.50	1.7	<0.50							
cis-1,2-Dichloroethene	8060622			ug/L	0.50	1.7	<0.50							
trans-1,2-Dichloroethene	8060622			ug/L	0.50	1.7	<0.50							
1,2-Dichloropropane	8060622			ug/L	0.50	1.7	<0.50							
1,3-Dichloropropane	8060622			ug/L	0.25	0.83	<0.25							
2,2-Dichloropropane	8060622			ug/L	0.50	1.7	<0.50							
1,1-Dichloropropene	8060622			ug/L	0.50	1.7	<0.50							
cis-1,3-Dichloropropene	8060622			ug/L	0.20	0.67	<0.20							
trans-1,3-Dichloropropene	8060622			ug/L	0.20	0.67	<0.20							
2,3-Dichloropropene	8060622			ug/L	0.25	0.83	<0.25							
Isopropyl Ether	8060622			ug/L	0.50	1.7	<0.50							
Ethylbenzene	8060622			ug/L	0.50	1.7	<0.50							
Hexachlorobutadiene	8060622			ug/L	0.50	1.7	<0.50							
Isopropylbenzene	8060622			ug/L	0.20	0.67	<0.20							
p-Isopropyltoluene	8060622			ug/L	0.20	0.67	<0.20							
Methylene Chloride	8060622			ug/L	1.0	3.3	<1.0							
Methyl tert-Butyl Ether	8060622			ug/L	0.50	1.7	<0.50							
Naphthalene	8060622			ug/L	0.25	0.83	<0.25							
n-Propylbenzene	8060622			ug/L	0.50	1.7	<0.50							

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### LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
Styrene	8060622			ug/L	0.50	1.7	<0.50							
1,1,1,2-Tetrachloroethane	8060622			ug/L	0.25	0.83	<0.25							
1,1,2,2-Tetrachloroethane	8060622			ug/L	0.20	0.67	<0.20							
Tetrachloroethene	8060622			ug/L	0.50	1.7	<0.50							
Toluene	8060622			ug/L	0.50	1.7	<0.50							
1,2,3-Trichlorobenzene	8060622			ug/L	0.25	0.83	<0.25							
1,2,4-Trichlorobenzene	8060622			ug/L	0.25	0.83	<0.25							
1,1,1-Trichloroethane	8060622			ug/L	0.50	1.7	<0.50							
1,1,2-Trichloroethane	8060622			ug/L	0.25	0.83	<0.25							
Trichloroethene	8060622			ug/L	0.20	0.67	<0.20							
Trichlorofluoromethane	8060622			ug/L	0.50	1.7	<0.50							
1,2,3-Trichloropropane	8060622			ug/L	0.50	1.7	<0.50							
1,2,4-Trimethylbenzene	8060622			ug/L	0.20	0.67	<0.20							
1,3,5-Trimethylbenzene	8060622			ug/L	0.20	0.67	<0.20							
Vinyl chloride	8060622			ug/L	0.20	0.67	<0.20							
Xylenes, Total	8060622			ug/L	0.50	1.7	<0.50							
Surrogate: Dibromofluoromethane	8060622			ug/L						103		89-119		
Surrogate: Toluene-d8	8060622			ug/L						97		91-109		
Surrogate: 4-Bromofluorobenzene	8060622			ug/L						90		89-114		

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### CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
Benzene	8F24001		50.000	ug/L	N/A	N/A	50.6		101		80-120			
Bromobenzene	8F24001		50.000	ug/L	N/A	N/A	44.5		89		80-120			
Bromochloromethane	8F24001		50.000	ug/L	N/A	N/A	46.1		92		80-120			
Bromodichloromethane	8F24001		50.000	ug/L	N/A	N/A	44.0		88		80-120			
Bromoform	8F24001		50.000	ug/L	N/A	N/A	45.8		92		80-120			
Bromomethane	8F24001		50.000	ug/L	N/A	N/A	41.2		82		80-120			
n-Butylbenzene	8F24001		50.000	ug/L	N/A	N/A	51.9		104		80-120			
sec-Butylbenzene	8F24001		50.000	ug/L	N/A	N/A	48.8		98		80-120			
tert-Butylbenzene	8F24001		50.000	ug/L	N/A	N/A	54.2		108		80-120			
Carbon Tetrachloride	8F24001		50.000	ug/L	N/A	N/A	48.8		98		80-120			
Chlorobenzene	8F24001		50.000	ug/L	N/A	N/A	43.2		86		80-120			
Chlorodibromomethane	8F24001		50.000	ug/L	N/A	N/A	46.3		93		80-120			
Chloroethane	8F24001		50.000	ug/L	N/A	N/A	45.2		90		80-120			
Chloroform	8F24001		50.000	ug/L	N/A	N/A	47.7		95		80-120			
Chloromethane	8F24001		50.000	ug/L	N/A	N/A	40.2		80		80-120			
2-Chlorotoluene	8F24001		50.000	ug/L	N/A	N/A	47.8		96		80-120			
4-Chlorotoluene	8F24001		50.000	ug/L	N/A	N/A	47.8		96		80-120			
1,2-Dibromo-3-chloropropane	8F24001		50.000	ug/L	N/A	N/A	45.6		91		80-120			
1,2-Dibromoethane (EDB)	8F24001		50.000	ug/L	N/A	N/A	47.4		95		80-120			
Dibromomethane	8F24001		50.000	ug/L	N/A	N/A	47.1		94		80-120			
1,2-Dichlorobenzene	8F24001		50.000	ug/L	N/A	N/A	43.7		87		80-120			
1,3-Dichlorobenzene	8F24001		50.000	ug/L	N/A	N/A	46.1		92		80-120			
1,4-Dichlorobenzene	8F24001		50.000	ug/L	N/A	N/A	48.6		97		80-120			
Dichlorodifluoromethane	8F24001		50.000	ug/L	N/A	N/A	45.6		91		80-120			
1,1-Dichloroethane	8F24001		50.000	ug/L	N/A	N/A	45.3		91		80-120			
1,2-Dichloroethane	8F24001		50.000	ug/L	N/A	N/A	50.4		101		80-120			
1,1-Dichloroethene	8F24001		50.000	ug/L	N/A	N/A	46.8		94		80-120			
cis-1,2-Dichloroethene	8F24001		50.000	ug/L	N/A	N/A	50.9		102		80-120			
trans-1,2-Dichloroethene	8F24001		50.000	ug/L	N/A	N/A	49.4		99		80-120			
1,2-Dichloropropane	8F24001		50.000	ug/L	N/A	N/A	51.4		103		80-120			
1,3-Dichloropropane	8F24001		50.000	ug/L	N/A	N/A	47.5		95		80-120			
2,2-Dichloropropane	8F24001		50.000	ug/L	N/A	N/A	43.5		87		80-120			
1,1-Dichloropropene	8F24001		50.000	ug/L	N/A	N/A	50.6		101		80-120			
cis-1,3-Dichloropropene	8F24001		50.000	ug/L	N/A	N/A	49.4		99		80-120			
trans-1,3-Dichloropropene	8F24001		50.000	ug/L	N/A	N/A	47.3		95		80-120			
2,3-Dichloropropene	8F24001		50.000	ug/L	N/A	N/A	47.3		95		80-120			
Isopropyl Ether	8F24001		50.000	ug/L	N/A	N/A	43.0		86		80-120			
Ethylbenzene	8F24001		50.000	ug/L	N/A	N/A	45.9		92		80-120			
Hexachlorobutadiene	8F24001		50.000	ug/L	N/A	N/A	44.4		89		80-120			
Isopropylbenzene	8F24001		50.000	ug/L	N/A	N/A	47.4		95		80-120			
p-Isopropyltoluene	8F24001		50.000	ug/L	N/A	N/A	51.1		102		80-120			
Methylene Chloride	8F24001		50.000	ug/L	N/A	N/A	49.3		99		80-120			
Methyl tert-Butyl Ether	8F24001		50.000	ug/L	N/A	N/A	50.1		100		80-120			
Naphthalene	8F24001		50.000	ug/L	N/A	N/A	44.6		89		80-120			
n-Propylbenzene	8F24001		50.000	ug/L	N/A	N/A	46.2		92		80-120			
							51.3		103		80-120			



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Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
Styrene	8F24001		50.000	ug/L	N/A	N/A	52.3		105		80-120			
1,1,1,2-Tetrachloroethane	8F24001		50.000	ug/L	N/A	N/A	46.5		93		80-120			
1,1,2,2-Tetrachloroethane	8F24001		50.000	ug/L	N/A	N/A	44.7		89		80-120			
Tetrachloroethene	8F24001		50.000	ug/L	N/A	N/A	43.5		87		80-120			
Toluene	8F24001		50.000	ug/L	N/A	N/A	44.4		89		80-120			
1,2,3-Trichlorobenzene	8F24001		50.000	ug/L	N/A	N/A	45.8		92		80-120			
1,2,4-Trichlorobenzene	8F24001		50.000	ug/L	N/A	N/A	46.9		94		80-120			
1,1,1-Trichloroethane	8F24001		50.000	ug/L	N/A	N/A	46.4		93		80-120			
1,1,2-Trichloroethane	8F24001		50.000	ug/L	N/A	N/A	45.8		92		80-120			
Trichloroethene	8F24001		50.000	ug/L	N/A	N/A	47.0		94		80-120			
Trichlorofluoromethane	8F24001		50.000	ug/L	N/A	N/A	44.5		89		80-120			
1,2,3-Trichloropropane	8F24001		50.000	ug/L	N/A	N/A	45.0		90		80-120			
1,2,4-Trimethylbenzene	8F24001		50.000	ug/L	N/A	N/A	49.4		99		80-120			
1,3,5-Trimethylbenzene	8F24001		50.000	ug/L	N/A	N/A	50.4		101		80-120			
Vinyl chloride	8F24001		50.000	ug/L	N/A	N/A	47.2		94		80-120			
Xylenes, Total	8F24001		150.00	ug/L	N/A	N/A	143		95		80-120			
Surrogate: Dibromofluoromethane	8F24001			ug/L					100		80-120			
Surrogate: Toluene-d8	8F24001			ug/L					91		80-120			
Surrogate: 4-Bromofluorobenzene	8F24001			ug/L					96		80-120			

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### CERTIFICATION SUMMARY

#### TestAmerica Watertown

Method	Matrix	Nelac	Wisconsin
SW 8260B	Water - NonPotable	X	X

**Appendix D**

Potable Well Logs for the Two Wells Located at the River Center  
Shopping Center

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

Well 6

See Instructions on Reverse Side

02-80-G

1. County Ozaukee Town  Mequon  
 Village   
 City  Check one and give name

2. Location 6111 W. Mequon Rd. **9N-21E** Well is not at address  
 Name of street and number of premises, Section, Town and Range numbers  
 Coordinates

3. Owner  for Agent  Mequon Park Shopping Center  
 Name of individual, partnership or firm

4. Mail Address 6111 W. Mequon Rd.  
 Complete address required

5. From well to nearest: Building 7 ft; sewer 36 ft; drain 32 ft; ~~water tank~~ Metro sewer 40 ft;  
 none none  
 dry well or filter bed \_\_\_\_\_ ft; abandoned well \_\_\_\_\_ ft.

6. Well is intended to supply water for: Shopping center

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
8	0	69	ROTARY		
6	69	350			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Steel .280 new black P.E.	0	69

9. GROUT:

Kind	From (ft.)	To (ft.)
Mud grout (Bentonite)	0	69

11. MISCELLANEOUS DATA:

Yield test: 4 1/2 Hrs. at 40 GPM.  
 Depth from surface to water-level: 18 ft.  
 Water-level when pumping: 50 ft.  
 Water sample was sent to the state laboratory at:  
Madison on 10-28 1965  
 City

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Stoney clay & Gravel	0	15
Stoney clay	15	29
Gravel	29	40
Hardpan	40	69
Limestone	69	350

Construction of the well was completed on:

Oct. 28 1965

The well is terminated 10 inches  
 above, below  the permanent ground surface.

Was the well disinfected upon completion?

Yes  No \_\_\_\_\_

Was the well sealed watertight upon completion?

Yes  No \_\_\_\_\_

Signature

*[Signature]*  
 Registered Well Driller

Please do not write in space below

**LIEBAU-LAUN, INC.**  
 1200 W. Liebau Rd. 124 N.  
 Mequon, Wisconsin 52992

Rec'd \_\_\_\_\_ No. \_\_\_\_\_

Ans'd \_\_\_\_\_

Interpretation \_\_\_\_\_

10 ml 10 ml 10 ml 10 ml 10 ml

Gas—24 hrs. CC: M.E. Ostrom

48 hrs. 11/7/67

Confirm \_\_\_\_\_

B. Coli \_\_\_\_\_

Examiner \_\_\_\_\_

02 3100

**First Water Quality Test For**  
**WISCONSIN UNIQUE WELL NUMBER AR 613**

Property Owner: *Richard Carl & Joan Leubau* Telephone Number: \_\_\_\_\_  
 Mailing Address: *6121 W. Mequon Rd.*  
 City: *Mequon, Wis* State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 County: *Ozaukee* County Well Location: *W* Well Completion Date: *3-88*

State of Wisconsin  
 Department of Natural Resources  
 Private Water Supply - WS/2  
 Box 7921  
 Madison, WI 53707

EC 22 1988

1. Location (Please type or print using a black pen.)  
 Town  City  Village Fire # (if available) \_\_\_\_\_  
 of *Mequon*  
 Grid or Street Address and Number (if available)  
*6121 W. Mequon Rd.*  
 Subdivision Name \_\_\_\_\_ Lot # \_\_\_\_\_ Block # \_\_\_\_\_

Well Constructor (Business Name) Registration #  
*Leubau-Kaun 287*  
 Address  
*1200 W. Leubau Rd.*  
 City: *Mequon, Wis* State: \_\_\_\_\_ Zip Code: *53092*

2. Mark well location in correct 40-acre parcel of section.  
 N  


 E  
 S

Gov't Lot # \_\_\_\_\_ or *NE 1/4 of NE 1/4 of*  
 Section *27*; T *9* N; R *21* E  W

3. Well Type  New  
 Replacement  Reconstruction/Rehabilitation  
 of well constructed in 19 \_\_\_\_\_  
 Reason for new, reconstructed, replaced, or rehabilitated well?  
 Drilled  Driven Point  Jetted  Other \_\_\_\_\_

4. Well serves \_\_\_\_\_ # of homes and/or *Car* ~~House~~  
 (ex: barn, restaurant, church, school, industry, etc.) High Capacity Well?  Yes  No  
 High Capacity Property?  Yes  No

5. Well Located on Highest Point of Property, Consistent with the General Layout and Surroundings?  Yes  No  
 Well Located in Floodplain?  Yes  No  
 Distance In Feet From Well To Nearest:  
 1. Landfill  2. Building Overhang  3. Septic or Holding Tank  4. Sewage Absorption Unit  5. Nonconforming Pit  6. Buried Home Heating Oil Tank  7. Buried Petroleum Tank  8. Shoreline/Swimming Pool   
 9. Downspout/Yard Hydrant \_\_\_\_\_ 10. Privy \_\_\_\_\_ 11. Foundation Drain to Clearwater \_\_\_\_\_ 12. Foundation Drain to Sewer \_\_\_\_\_ 13. Building Drain \_\_\_\_\_ 14. Building Sewer  Cast Iron or Plastic  Other \_\_\_\_\_ 15. Collector Sewer \_\_\_\_\_ 16. Clearwater Sump \_\_\_\_\_  
 17. Wastewater Sump \_\_\_\_\_ 18. Paved Animal Barn Pen \_\_\_\_\_ 19. Animal Yard or Shelter \_\_\_\_\_ 20. Silo - Type \_\_\_\_\_ 21. Barn Gutter \_\_\_\_\_ 22. Manure Pipe  Gravity  Pressure  Cast Iron or Plastic  Other \_\_\_\_\_ 23. Other Manure Storage \_\_\_\_\_ Other NR 112 Waste Source \_\_\_\_\_ 24. \_\_\_\_\_

6. Drillhole Dimensions

Dia. (in.)	From (ft.)	To (ft.)
<i>8 1/2</i>	<i>surface</i>	<i>77</i>
<i>6</i>	<i>77</i>	<i>147</i>

Method of constructing upper enlarged drillhole. (If applicable  more than one.)  
 1. Rotary - Mud Circulation  
 2. Rotary - Air  
 3. Rotary - Foam  
 4. Reverse Rotary  
 5. Cable-tool Bit \_\_\_\_\_ in. dia.  
 6. Temp. Outer Casing \_\_\_\_\_ in. dia. Removed?  Yes  No  
 If no, explain \_\_\_\_\_  
 7. Other \_\_\_\_\_

9. Geology

Type, Caving/Noncaving, Color, Hardness, Etc.	From (ft.)	To (ft.)
<i>gravel</i>	<i>surface</i>	<i>20</i>
<i>clay</i>	<i>20</i>	<i>55</i>
<i>hardpan</i>	<i>55</i>	<i>77</i>
<i>limestone</i>	<i>77</i>	<i>147</i>

7. Casing, Liner, Screen

Dia. (in.)	Material, Weight, Specification Mfg. & Method of Assembly	From (ft.)	To (ft.)
<i>6</i>	<i>New black steel</i>	<i>surface</i>	<i>77</i>
	<i>P.E. A53 head B</i>		
	<i>Sumitomo</i>		

10. Static Water Level \_\_\_\_\_ ft. above ground level  
*25* ft. below ground surface  
 11. Pump Test  
 Pumping Level *55* ft. below surface  
 Pumping at *20* GPM for *4* hours  
 12. Well Is:  
 Above Grade  
 Below Grade  
 Developed?  Yes  No  
 Disinfected?  Yes  No  
 Capped?  Yes  No

8. Grout or Other Sealing Material

Method	Kind of Sealing Material	From (ft.)	To (ft.)	Sacks Cement
	<i>Rotary mud</i>	<i>surface</i>	<i>77</i>	
	<i>271</i>			

13. Were all unused, noncomplying, or unsafe wells properly filled with sealant?  
 Yes  No If no, explain \_\_\_\_\_  
 14. Signature of Well Constructor *Leubau-Kaun ML* Date Signed \_\_\_\_\_  
 Signature of Drill Rig Operator *Kaun Leubau, Inc.* Date Signed \_\_\_\_\_



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters  
2300 N. Dr. Martin Luther King, Jr. Drive  
Milwaukee, Wisconsin 53212-3128  
Telephone 414-263-8500  
FAX 414-263-8483  
TTY 414-263-8713

July 1, 2008

RuthAnne & Steve Proko  
6093 W. Mequon Rd.  
Mequon, WI 53092

Subject: Reported Contamination at RuthAnne's River Center Dry Cleaners, 6093 W. Mequon Rd., Mequon, WI  
WDNR BRRTS Activity # 02-46-551851  
WDNR FID # 246134790

Dear Mr. & Mrs. Proko:

On June 16, 2008, Pete Pavalko, Pep Environmental SVC. LLC, on behalf of RuthAnne's River Center Dry Cleaners notified the Wisconsin Department of Natural Resources ("WDNR") that soil and groundwater contamination had been detected at the site described above.

Based on the information that has been submitted to the WDNR regarding this site, we believe you are responsible for investigating and restoring the environment at the above-described site under Section 292.11, Wisconsin Statutes, known as the hazardous substances spills law.

This letter describes the legal responsibilities of a person who is responsible under section 292.11, explains what you need to do to investigate and clean up the contamination, and provides you with information about cleanups, environmental consultants, possible financial assistance, and working cooperatively with the WDNR, Department of Commerce ("Commerce") or the Department of Agriculture, Trade and Consumer Protection.

### **Legal Responsibilities:**

Your legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

- **RESPONSIBILITY.** A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Code chapters NR 700 through NR 749 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

## **Steps to Take:**

The longer contamination is left in the environment, the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first steps to take:

1. Within the next **30 days**, by July 31, 2008, you should submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. If you do not take action within this time frame, the WDNR may initiate enforcement action against you.
2. Within the next **60 days**, by September 30, 2008, your consultant should submit a work plan and schedule for the investigation. The consultant must comply with the requirements in the NR 700 Wis. Adm. Code rule series and should adhere to current WDNR technical guidance documents.

In addition, within 30 days of completion of the site investigation, your consultant should submit a site investigation report to the department or other agency with administrative authority.

For sites with petroleum contamination, when your investigation has established the degree and extent of contamination, your consultant will be able to determine whether the Department of Commerce or the WDNR has authority over the case. For agrichemicals, your case will be transferred to the Department of Agriculture, Trade and Consumer Protection for oversight.

Sites where discharges to the environment have been reported are entered into the Bureau for Remediation and Redevelopment Tracking System ("BRRTS"), a version of which appears on the WDNR's internet site. You may view the information related to your site at any time (<http://botw.dnr.state.wi.us/botw/Welcome.do>) and use the feedback system to alert us to any errors in the data.

If you want a formal written response from the department on a specific submittal, please be aware that a review fee is required in accordance with ch. NR 749, Wis. Adm. Code. If a fee is not submitted with your reports, you should proceed under the advice of your consultant to complete the site investigation and cleanup to maintain your compliance with the spills law and chapters NR 700 through NR 749. **Do not delay the investigation of your site by waiting for an agency response.** We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative rules and should be able to answer your questions on meeting cleanup requirements.

All correspondence regarding this site should be sent to:

Victoria Stovall  
Remediation and Redevelopment Program  
Wisconsin Department of Natural Resources  
2300 N. Martin Luther King Drive  
Milwaukee, WI 53212  
[Victoria.Stovall@wisconsin.gov](mailto:Victoria.Stovall@wisconsin.gov)

Unless otherwise requested, please send only one copy of plans and reports. In addition to the paper copy, an electronic copy may also be submitted. To speed processing, correspondence should reference the BRRTS and FID numbers (if assigned) shown at the top of this letter.

**Additional Information for Site Owners :**

We encourage you to visit our website at <http://dnr.wi.gov/org/aw/rr>, where you can find information on selecting a consultant, financial assistance and understanding the cleanup process. You will also find information there about liability clarification letters, post-cleanup liability and more.

If you have questions, call the DNR Project Manager, John Feeney at (920) 892-8756 x3023 for more information or visit the RR web site at the address above.

Thank you for your cooperation.

Sincerely,



Victoria Stovall  
Environmental Program Associate  
Remediation & Redevelopment Program

Selecting a Consultant – RR-502

<http://dnr.wi.gov/org/aw/rr/archives/pubs/RR502.pdf>

Environmental Services Contractor List – RR-024

<http://dnr.wi.gov/org/aw/rr/archives/pubs/RR024.pdf>


VPLE Fact Sheet #2

<http://dnr.wi.gov/org/aw/rr/archives/pubs/RR506.pdf>

Environmental Contamination Basics, RR-674

<http://dnr.wi.gov/org/aw/rr/archives/pubs/RR674.pdf>

cc: Pete Pavalko – Pep Enviro. Service LLC  
WI DNR SER Case File





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

**Notification For Hazardous Substance Discharge  
 (Non-Emergency Only)**

Form 4400-225 (06-08) Page 1 of 2

**Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003**

**Notice: Hazardous substance discharges must be reported immediately** according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** NOTIFY appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from (check one):

- Underground Petroleum Storage Tank System
- Aboveground Petroleum Storage Tank System
- Dry Cleaner Facility (DERP eligibility based on:  Facility owner/operator  Property owner of licensed facility)
- Other - Describe: \_\_\_\_\_

ATTN DNR: **R & R Program Associate**

Date DNR Notified: **6-16-2008**

**1. Discharge Reported By**

Name	Firm	(Area Code) Phone Number
<b>PETE PAVALKO</b>	<b>PEP ENVIRO, SVC. LLC</b>	<b>414-801-1730</b>
Mailing Address	E-mail Address	
<b>7147 CEDARSAUK RD, SAUKVILLE WI 53080</b>	<b>PEPENVIRO@CORE.COM</b>	

**2. Site Information**

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property.

**RUTHANNE'S RIVER CENTER DRY CLEANERS**

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60.

**6093 W. MEQUON ROAD**

Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city.

**CITY OF MEQUON**

County:	Legal Description:	WTM:
<b>OZAUKEE</b>	___ 1/4 ___ 1/4 Sec ___ Tn ___ Range ___	<b>X 683754 Y 307267</b>

**3. Responsible Party (RP) and/or RP Representative**

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

**RUTHANNE + STEVE PROKO**

Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see [http://dnr.wi.gov/org/aw/rr/liability/muni\\_1.html](http://dnr.wi.gov/org/aw/rr/liability/muni_1.html).

Contact Person Name (if different)	Phone Number	E-mail Address	
<b>STEVE PROKO</b>	<b>262-242-4774</b>		
Mailing Address	City	State	ZIP Code
<b>6093 W. MEQUON RD</b>	<b>MEQUON</b>	<b>WI</b>	<b>53092</b>

(continued)

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

### Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (06-08) Page 2 of 2

#### 4. Hazardous Substance Impact Information

Identify hazardous substance discharged (check all that apply):

- VOC's
- PAH's
- Metals (specify) \_\_\_\_\_
- Arsenic
- Chromium
- Cyanide
- Lead
- PCB's
- Diesel
- Fuel Oil
- Gasoline
- Hydraulic Oil
- Jet Fuel
- Mineral Oil
- Waste Oil
- Petroleum-Unknown Type
- PERC (Dry Cleaners)
- RCRA Hazardous Waste
- Leachate
- Fertilizer
- Pesticide/Herbicide/Insecticide(s)
- Other (specify): \_\_\_\_\_
- Unknown

#### 5. Impacts to the Environment Information

Enter "K" for known/confirmed or "P" for potential for all that apply.

- Air Contamination
- Co-Contamination
- Concrete/Asphalt
- Contained/Recovered
- Contamination Within 1 Meter of Bedrock
- Contaminated Private Well
- Contaminated Public Well
- Contamination in Fractured Bedrock
- Contamination in Right of Way
- Direct Contact
- Expanding Plume
- Fire Explosion Threat
- Free Product
- Groundwater Contamination
- Off-Site Contamination
- Other (specify): \_\_\_\_\_
- Sanitary Sewer Contamination
- Soil Contamination
- Storm Sewer Contamination
- Surface Water Contamination
- Within 100 ft of Private Well
- Within 1000 ft of Public Well

Contamination was discovered as a result of:

- Tank closure assessment
  - Phase II Site assessment
  - Other - Describe \_\_\_\_\_
- Date | \_\_\_\_\_ Date | 6-5-2008 Date | \_\_\_\_\_

#### 6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))

For all UST's please provide the following information:

Quantity	Source	Quantity	Cause
---	Tank	---	Spill
---	Piping	---	Overfill
---	Dispenser	---	Corrosion
---	Submersible Turbine Pump	---	Physical or Mechanical Damage
---	Delivery Problem	---	Installation Problem
---	Other (specify): _____	---	Other (does not fit any of above)
---		---	Unknown

Lab results:  Lab results will be faxed upon receipt  Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged. **NA-ACTIVE DRY CLEANER - NO KNOWN OR ON-GOING Release**

Contact information to report non-emergency releases in DNR's five regions are as follows:

- Northeast Region (FAX: 920-662-5197); Attention -- R&R Program Associate: DNRRRNER@wisconsin.gov**  
Brown, Calumet, Door, Fond du Lac (except City of Waupun - see South Central Region), Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago counties
- Northern Region (FAX: 715-623-6773); Attention -- R&R Program Associate: DNRRRNOR@wisconsin.gov**  
Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties
- South Central Region (FAX: 608-275-3338); Attention -- R&R Program Associate: DNRRRSCR@wisconsin.gov**  
Columbia, Dane, Dodge, Fond du Lac (City of Waupun only), Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk counties
- \* Southeast Region (FAX: 414-263-8550); Attention -- R&R Program Associate: DNRRRSER@wisconsin.gov**  
Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Walworth, Washington, Waukesha counties
- West Central Region (FAX: 715-839-6076); Attention -- R&R Program Associate: DNRRRWCR@wisconsin.gov**  
Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties

# Figure 2 - Site Features and Boring Locations

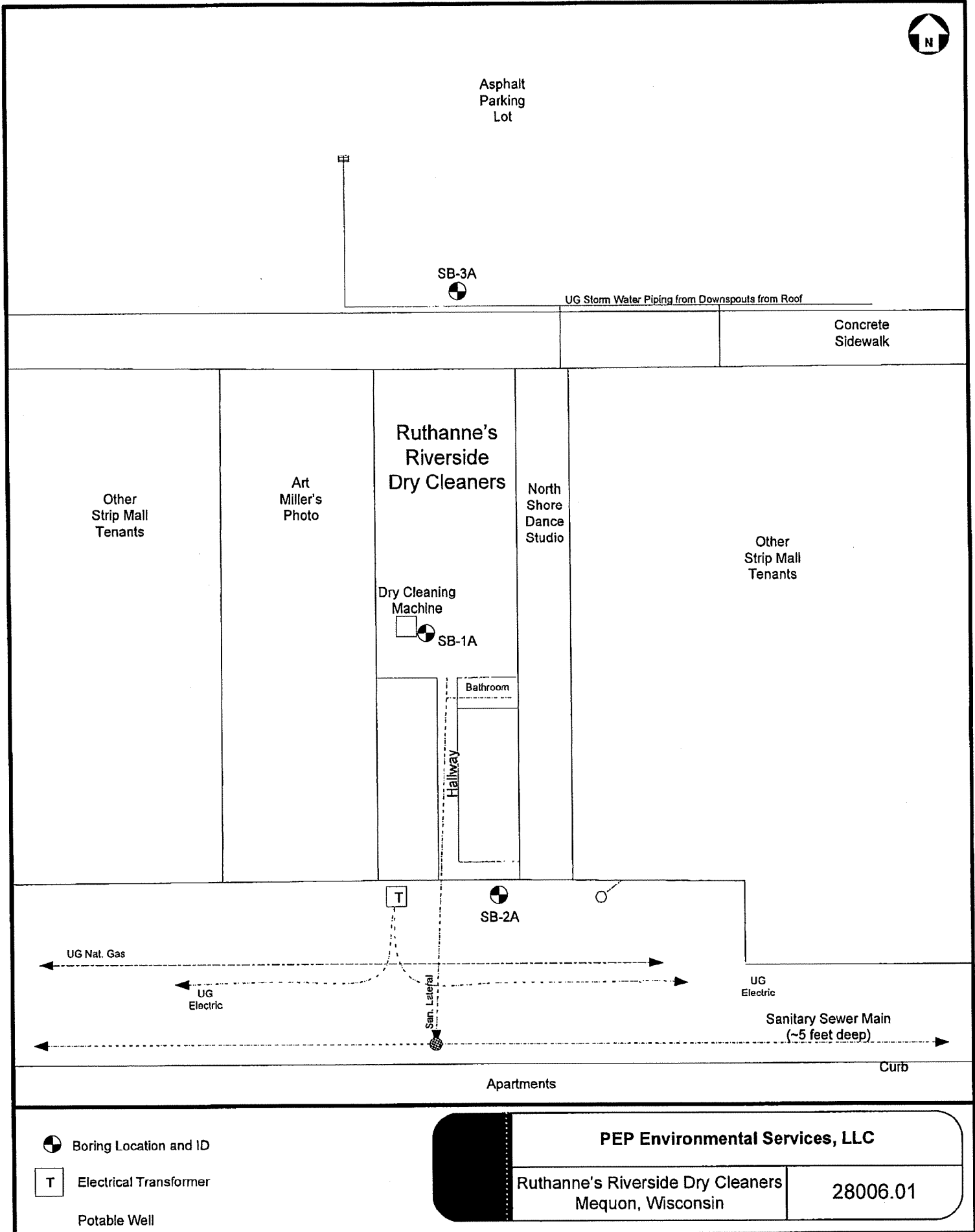


TABLE 1 ANALYTICAL RESULTS-SOIL RUTHANNE'S RIVER CENTER DRY CLEANERS SITE 6093 WEST MEQUON ROAD, MEQUON, OZAUKEE COUNTY, WISCONSIN							
Sample Name	NR 720 GENERIC RCLs	COMM 46 Table 1 Values (Groundwater Protection)	COMM 46 Table 2 Values (Direct Contact - Top 4 Feet)	Samples			
				SB-1A	SB-2A	SB-3A	TRIP BLANK
Boring				B-1	B-2	B-3	
Depth (feet)				0.5-1.0	8-10	8-10	
Date				6/5/2008	6/5/2008	6/5/2008	6/5/2008
PID Reading				0	0	0	NA
VOCS (ppb)							
Benzene	5.5	8,500	1,100	< 26	< 27	< 26	< 25
1,1-Dichloroethene	NS	NS	NS	< 26	< 27	< 26	< 25
cis-1,2-Dichloroethene	NS	NS	NS	< 26	< 27	< 26	< 25
trans-1,2-Dichloroethene	NS	NS	NS	< 26	< 27	< 26	< 25
Ethylbenzene	2,900	4,600	NS	< 26	< 27	< 26	< 25
MTBE	NS	NS	NS	< 26	< 27	< 26	< 25
Naphthalene	400	2,700	NS	< 52	< 54	< 53	< 50
Tetrachloroethene	NS	NS	NS	740	39	< 26	< 25
Toluene	1,500	38,000	NS	< 26	< 27	< 26	< 25
1,1,2-Trichloroethane	NS	NS	NS	< 26	< 27	< 26	< 35
Trichloroethene	NS	NS	NS	< 26	< 27	< 26	< 25
1,2,4-TMB	NS	83,000	NS	< 26	< 27	< 26	< 25
1,3,5-TMB	NS	11,000	NS	< 26	< 27	< 26	< 25
Total Xylenes	4,100	42,000	NS	< 88	< 92	< 90	< 85

NS = no standard has been established for this compound

RCLs = residual contaminant levels

Underlined values exceed the Generic RCL.

Bolding indicates concentrations above the Table 1 and/or Table 2 (direct contact, top 4 feet) values.

NA = Not analyzed

TMB = trimethylbenzene

MTBE = methyl-tert-butyl-ether

For a complete list of VOCs analyzed, see the laboratory report.

**TABLE 2  
ANALYTICAL RESULTS - GROUNDWATER  
RUTHANNE'S RIVER CENTER DRY CLEANER SITE  
6093 WEST MEQUON ROAD, MEQUON, OZAUKEE COUNTY, WISCONSIN**

Sample Name	WB-2	WB-3	West Potable Well Sample	East Potable Well Sample	Water Trip Blank	NR 140 Remedial Action Limits	
Location	Temp. Well in B-2	Temp. Well in B-3	Not yet sampled	Not yet sampled	QA/QC		
Date	6/5/2008	6/5/2008			6/5/2008		
VOCs (ppb)						ES	PAL
Benzene	0.31	<u>0.56</u>					
Chloromethane	0.35	< 0.30			< 0.20	5	0.5
1,1-Dichloroethene	< 0.50	< 0.50			0.49	NS	NS
cis-1,2-Dichloroethene	< 0.50	< 0.50			< 0.50	7	0.7
trans-1,2-Dichloroethene	< 0.50	< 0.50			< 0.50	70	7
Ethylbenzene	< 0.50	< 0.50			< 0.50	100	20
MTBE	< 0.50	< 0.50			< 0.50	700	140
Naphthalene	< 0.25	< 0.25			< 0.50	60	12
Tetrachloroethene (PEC)	<u>2.4</u>	<u>3.1</u>			< 0.25	40	8
Toluene	1.3	1.5			< 0.50	5	0.5
1,1,2-Trichloroethane	< 0.25	< 0.25			< 0.50	1,000	200
Trichloroethene (TCE)	< 0.20	< 0.20			< 0.25	5	0.5
1,2,4-Trimethylbenzene	0.53	0.48			< 0.20	5	0.5
1,3,5-Trimethylbenzene	< 0.20	< 0.20			< 0.20		
Xylene (total)	0.96	0.95			< 0.20	480	96
					< 0.50	10,000	1,000

ND = not detected

NS = no standards

MTBE = methyl-tert-butyl-ether

Bolded values indicate concentrations above ES.

Underlined values indicate concentrations above PAL.

For a complete list of VOCs and detection limits, see Appendix C.

NA = Not Analyzed