Robert E. Lee & Associates, Inc.
Engineering • Surveying • Environmental Services
1250 Centennial Centre Boulevard • Hobart, WI 54155 • 920-662-9641 • www.releeinc.com

April 18, 2019

Mrs. Deena Kinney, Environmental Program Assistant
WI DEPARTMENT OF NATURAL RESOURCES
1300 W Clairemont Avenue
Eau Claire, WI 54701

RE: Technical Assistance Request for Hazardous Waste Determination
East Grand Avenue, City of Wisconsin Rapids, WI

Dear Mrs. Kinney:

On behalf of the City of Wisconsin Rapids, Robert E. Lee & Associates, Inc. (REL) has prepared a technical assistance request for the review and hazardous waste determination of chlorinated solvent contaminated soil (tetrachloroethene [PCE]). To facilitate this request in accordance with Chapter NR 727, Wisconsin Administrative Code, a completed *Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request* (Form 4400-237) is enclosed with the applicable fees in accordance with Chapter NR 727, Wisconsin Administrative Code.

If you have any questions or comments on this report, please feel free to contact our office at your convenience.

Sincerely,

ROBERT E. LEE & ASSOCIATES, INC.

Alan J. Gustafson
Geologist

Nicole L. LaPlant
Project Manager/Geologist

AJG/NLL/NJM

ENC.

CC/ENC.: Mr. Nick Dums, City of Wisconsin Rapids (e-copy)
Mr. Matt Thompson, WDNR (e-copy)

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

Form 4400-237 (R 9/15)

Notice: Use this form to request **a written response (on agency letterhead)** from the Department of Natural Resources (DNR) regarding technical assistance, a post-closure change to a site, a specialized agreement or liability clarification for Property with known or suspected environmental contamination. A fee will be required as is authorized by s. 292.55, Wis. Stats., and NR 749, Wis. Adm. Code., unless noted in the instructions below. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

Definitions

"Property" refers to the subject Property that is perceived to have been or has been impacted by the discharge of hazardous substances.

"Liability Clarification" refers to a written determination by the Department provided in response to a request made on this form. The response clarifies whether a person is or may become liable for the environmental contamination of a Property, as provided in s. 292.55, Wis. Stats.

"Technical Assistance" refers to the Department's assistance or comments on the planning and implementation of an environmental investigation or environmental cleanup on a Property in response to a request made on this form as provided in s. 292.55, Wis. Stats.

"Post-closure modification" refers to changes to Property boundaries and/or continuing obligations for Properties or sites that received closure letters for which continuing obligations have been applied or where contamination remains. Many, but not all, of these sites are included on the GIS Registry layer of RR Sites Map to provide public notice of residual contamination and continuing obligations.

Select the Correct Form

This from should be used to request the following from the DNR:

- Technical Assistance
- Liability Clarification
- Post-Closure Modifications
- Specialized Agreements (tax cancellation, negotiated agreements, etc.)

Do not use this form if one of the following applies:

- Request for an **off-site liability exemption or clarification** for Property that has been or is perceived to be contaminated by one or more hazardous substances that originated on another Property containing the source of the contamination. Use DNR's Off-Site Liability Exemption and Liability Clarification Application Form 4400-201.
- Submittal of an Environmental Assessment for the **Lender Liability Exemption**, s 292.21, Wis. Stats., **if no response or review by DNR is requested**. Use the Lender Liability Exemption Environmental Assessment Tracking Form 4400-196.
- Request for an **exemption to develop on a historic fill site** or licensed landfill. Use DNR's Form 4400-226 or 4400-226A.
- **Request for closure** for Property where the investigation and cleanup actions are completed. Use DNR's Case Closure - GIS Registry Form 4400-202.

All forms, publications and additional information are available on the internet at: dnr.wi.gov/topic/Brownfields/Pubs.html.

Instructions

1. Complete sections 1, 2, 6 and 7 for all requests. Be sure to provide adequate and complete information.
2. Select the type of assistance requested: Section 3 for technical assistance or post-closure modifications, Section 4 for a written determination or clarification of environmental liabilities; or Section 5 for a specialized agreement.
3. Include the fee payment that is listed in Section 3, 4, or 5, unless you are a "Voluntary Party" enrolled in the Voluntary Party Liability Exemption Program **and** the questions in Section 2 direct otherwise. Information on to whom and where to send the fee is found in Section 8 of this form.
4. Send the completed request, supporting materials and the fee to the appropriate DNR regional office where the Property is located See the map on the last page of this form. A paper copy of the signed form and all reports and supporting materials shall be sent with an electronic copy of the form and supporting materials on a compact disk. For electronic document submittal requirements see: http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf"

The time required for DNR's determination varies depending on the complexity of the site, and the clarity and completeness of the request and supporting documentation

Section 1. Contact and Recipient Information

Requester Information

This is the person requesting technical assistance or a post-closure modification review, that his or her liability be clarified or a specialized agreement and is identified as the requester in Section 7. DNR will address its response letter to this person.

Last Name	First	MI	Organization/ Business Name
Dums	Nick		City of Wisconsin Rapids

Mailing Address	City	State	ZIP Code
444 W Grand Avenue	Wisconsin Rapids	WI	54495

Phone # (include area code)	Fax # (include area code)	Email
(715) 421-8209		ndums@wirapids.org

The requester listed above: (select all that apply)

- ☒ Is currently the owner
- ☐ Is considering selling the Property
- ☐ Is renting or leasing the Property
- ☐ Is considering acquiring the Property
- ☐ Is a lender with a mortgagee interest in the Property
- ☐ Other. Explain the status of the Property with respect to the applicant:

Contact Information (to be contacted with questions about this request) ☐ Select if same as requester

Contact Last Name	First	MI	Organization/ Business Name
Gustafson	Alan	J	Robert E. Lee & Associates, Inc.

Mailing Address	City	State	ZIP Code
1250 Centennial Centre Boulevard	Hobart	WI	54155

Phone # (include area code)	Fax # (include area code)	Email
(920) 544-4416	(920) 662-9141	agustafson@releeinc.com

Environmental Consultant (if applicable)

Contact Last Name	First	MI	Organization/ Business Name
Gustafson	Alan	J	Robert E. Lee & Associates, Inc.

Mailing Address	City	State	ZIP Code
1250 Centennial Centre Boulevard	Hobart	WI	54155

Phone # (include area code)	Fax # (include area code)	Email
(920) 544-4416	(920) 662-9641	agustafson@releeinc.com

Section 2. Property Information

Property Name	FID No. (if known)
E Grand Avenue (from 4th Street South to 6th Street South)	

BRRTS No. (if known)	Parcel Identification Number

Street Address	City	State	ZIP Code
E Grand Avenue	Wisconsin Rapids	WI	54494

County	Municipality where the Property is located	Property is composed of:	Property Size Acres
Wood	◉ City ○ Town ○ Village of Wisconsin Rapids	○ Single tax parcel ○ Multiple tax parcels	

1. Is a response needed by a specific date? (e.g., Property closing date) Note: Most requests are completed within 60 days. Please plan accordingly.

◯ No ◉ Yes

Date requested by: 04/30/2019

Reason: The utility reconstruction project began on April 15, 2019. The construction trenching is anticipated to be in the area of residual soil contamination by April 30, 2019. To facilitate disposal of contaminated soil, the landfill is requiring a "contained-out" letter from WDNR.

2. Is the "Requester" enrolled as a Voluntary Party in the Voluntary Party Liability Exemption (VPLE) program?

◉ No. **Include the fee that is required for your request in Section 3, 4 or 5.**

◯ Yes. **Do not include a separate fee.** This request will be billed separately through the VPLE Program.

Fill out the information in Section 3, 4 or 5 which corresponds with the type of request:
Section 3. Technical Assistance or Post-Closure Modifications;
Section 4. Liability Clarification; or Section 5. Specialized Agreement.

Section 3. Request for Technical Assistance or Post-Closure Modification

Select the type of technical assistance requested: **[Numbers in brackets are for WI DNR Use]**

- ☐ No Further Action Letter (NFA) (Immediate Actions) - NR 708.09, [183] - **Include a fee of $350.** Use for a written response to an immediate action after a discharge of a hazardous substance occurs. Generally, these are for a one-time spill event.
- ☐ Review of Site Investigation Work Plan - NR 716.09, [135] - **Include a fee of $700.**
- ☐ Review of Site Investigation Report - NR 716.15, [137] - **Include a fee of $1050.**
- ☐ Approval of a Site-Specific Soil Cleanup Standard - NR 720.10 or 12, [67] - **Include a fee of $1050.**
- ☐ Review of a Remedial Action Options Report - NR 722.13, [143] - **Include a fee of $1050.**
- ☐ Review of a Remedial Action Design Report - NR 724.09, [148] - **Include a fee of $1050.**
- ☐ Review of a Remedial Action Documentation Report - NR 724.15, [152] - **Include a fee of $350**
- ☐ Review of a Long-term Monitoring Plan - NR 724.17, [25] - **Include a fee of $425.**
- ☐ Review of an Operation and Maintenance Plan - NR 724.13, [192] - **Include a fee of $425.**

Other Technical Assistance - s. 292.55, Wis. Stats. [97] (For request to build on an abandoned landfill use Form 4400-226)

- ☐ Schedule a Technical Assistance Meeting - **Include a fee of $700.**
- ☒ Hazardous Waste Determination - **Include a fee of $700.**
- ☐ Other Technical Assistance - **Include a fee of $700.** Explain your request in an attachment.

Post-Closure Modifications - NR 727, [181]

- ☐ Post-Closure Modifications: Modification to Property boundaries and/or continuing obligations of a closed site or Property; sites may be on the GIS Registry. This also includes removal of a site or Property from the GIS Registry. **Include a fee of $1050, and:**
  - ☐ Include a fee of $300 for sites with residual soil contamination; and
  - ☐ Include a fee of $350 for sites with residual groundwater contamination, monitoring wells or for vapor intrusion continuing obligations.

Attach a description of the changes you are proposing, and documentation as to why the changes are needed (if the change to a Property, site or continuing obligation will result in revised maps, maintenance plans or photographs, those documents may be submitted later in the approval process, on a case-by-case basis).

Skip Sections 4 and 5 if the technical assistance you are requesting is listed above and complete Sections 6 and 7 of this form.

Skip Sections 4 and 5 if the technical assistance you are requesting is listed above and complete Sections 6 and 7 of this form.

Section 5. Request for a Specialized Agreement

Select the type of agreement needed. Include the appropriate draft agreements and supporting materials. Complete Sections 6 and 7 of this form. More information and model draft agreements are available at: dnr.wi.gov/topic/Brownfields/lgu.html#tabx4.

☐ Tax cancellation agreement - s. 75.105(2)(d), Wis. Stats. [654]

- ❖ **Include a fee of $700, and the information listed below:**

(1) Phase I and II Environmental Site Assessment Reports,
(2) a copy of the Property deed with the correct legal description; and,
(3) a draft 75.105 agreement based on the DNR's model (dnr.wi.gov/topic/brownfields/documents/mod75-105agrmt.pdf).

☐ Agreement for assignment of tax foreclosure judgement - s.75.106, Wis. Stats. [666]

- ❖ **Include a fee of $700, and the information listed below:**

(1) Phase I and II Environmental Site Assessment Reports,
(2) a copy of the Property deed with the correct legal description; and,
(3) a draft 75.105 agreement based on the DNR's model (dnr.wi.gov/topic/brownfields/documents/mod75-106agrmt.pdf).

☐ Negotiated agreement - Enforceable contract for non-emergency remediation - s. 292.11(7)(d) and (e), Wis. Stats. [630]

- ❖ **Include a fee of $1400, and the information listed below:**

(1) a draft schedule for remediation; and,
(2) the name, mailing address, phone and email for each party to the agreement.

Section 6. Other Information Submitted

Identify all materials that are included with this request.

Include one copy of any document from any state agency files that you want the Department to review as part of this request. The person submitting this request is responsible for contacting other state agencies to obtain appropriate reports or information.

☐ Phase I Environmental Site Assessment Report - Date: _____

☐ Phase II Environmental Site Assessment Report - Date: _____

☐ Legal Description of Property (required for all liability requests and specialized agreements)

☐ Map of the Property (required for all liability requests and specialized agreements)

Analytical results of the following sampled media: Select all that apply and include date of collection.

☐ Groundwater ☐ Soil ☐ Sediment ☐ Other medium - Describe: _____

Date of Collection: _____

☐ A copy of the closure letter and submittal materials

☐ Draft tax cancellation agreement

☐ Draft agreement for assignment of tax foreclosure judgment

☒ Other report(s) or information - Describe: Remediation Site Hazardous Waste Determination Form 4430-019

For Property with newly identified discharges of hazardous substances only: Has a notification of a discharge of a hazardous substance been sent to the DNR as required by s. NR 706.05(1)(b), Wis. Adm. Code?

◯ Yes - Date (if known): _____

◯ No

Note: The Notification for Hazardous Substance Discharge (non-emergency) form is available at: dnr.wi.gov/files/PDF/forms/4400/4400-225.pdf

Section 7. Certification by the Person who completed this form

☐ I am the person submitting this request (requester)

☒ I prepared this request for: City of Wisconsin Rapids
Requester Name

I certify that I am familiar with the information submitted on this request, and that the information on and included with this request is true, accurate and complete to the best of my knowledge. I also certify I have the legal authority and the applicant's permission to make this request.

Alan Gustafson
Signature

4/17/19
Date Signed

Agent - City of Wisconsin Rapids
Title

(920) 328-3192
Telephone Number (include area code)

Section 8. DNR Contacts and Addresses for Request Submittals

Send or deliver one paper copy and one electronic copy on a compact disk of the completed request, supporting materials, and fee to the region where the property is located to the address below. Contact a DNR regional brownfields specialist with any questions about this form or a specific situation involving a contaminated property. For electronic document submittal requirements see: http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf.

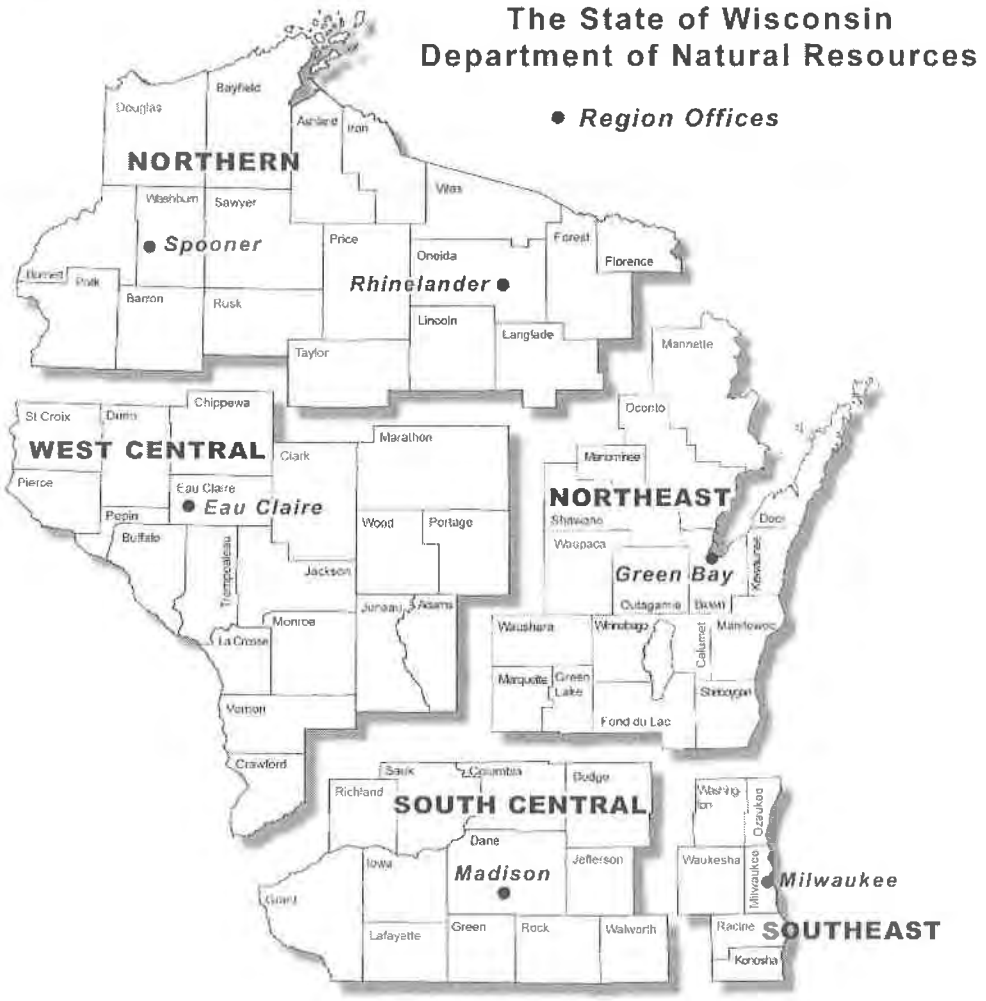
DNR NORTHERN REGION
Attn: RR Program Assistant
Department of Natural Resources
223 E Steinfest Rd Antigo, WI 54409

DNR NORTHEAST REGION
Attn: RR Program Assistant
Department of Natural Resources
2984 Shawano Avenue
Green Bay WI 54313

DNR SOUTH CENTRAL REGION
Attn: RR Program Assistant
Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg WI 53711

DNR SOUTHEAST REGION
Attn: RR Program Assistant
Department of Natural Resources
2300 North Martin Luther King Drive
Milwaukee WI 53212

DNR WEST CENTRAL REGION
Attn: RR Program Assistant
Department of Natural Resources
1300 Clairemont Ave.
Eau Claire WI 54702



Note: These are the Remediation and Redevelopment Program's designated regions. Other DNR program regional boundaries may be different.

DNR Use Only			
Date Received	Date Assigned	BRRTS Activity Code	BRRTS No. (if used)
DNR Reviewer	Comments		
Fee Enclosed? ◯ Yes ◯ No	Fee Amount $	Date Additional Information Requested	Date Requested for DNR Response Letter
Date Approved	Final Determination		

State of Wisconsin
Department of Natural Resources

Remediation Site Hazardous Waste Determination

Form 4430-019 (R 4/03)

Notice: This voluntary form is intended as an aid for use by Generators and Responsible Parties in determining whether *contaminated soil or groundwater and wastes* encountered or generated during the remediation of contaminated sites in Wisconsin are or would be listed or characteristic hazardous wastes subject to regulation under ch. 291, Wis. Stats. and chs. NR 600 to 690, Wis. Adm. Code. There are no penalties for failure to provide information requested. Personally identifiable information collected will be used for program management. Wisconsin's Open Records law requires the Department to provide this information upon request [ss. 19.31 - 19.69, Wis. Stats.].

Listing determinations are often particularly difficult in the remedial context because the listings are generally identified by the sources of the hazardous wastes rather than the concentrations of various hazardous constituents. Therefore, analytical testing alone, without information on a waste's source, will not generally produce information that will conclusively indicate whether a given waste is a listed hazardous waste. Generators and Responsible Parties should use available site information such as material safety data sheets (MSDS's), manifests, vouchers, bills of lading, sales and inventory records, accident reports, spill reports, inspection reports, and other available information. It may also be necessary to conduct interviews of current or former personnel who would have knowledge of the processes and hazardous materials used including waste handling or past spills in an effort to ascertain the sources of wastes or contaminants.

Where a person makes a good faith effort to determine if a material is a listed hazardous waste but cannot make such a determination because documentation regarding a source of contamination, contaminant, or waste is unavailable or inconclusive, EPA has stated that one may assume the source, contaminant or waste is not listed hazardous waste and, therefore, provided the material in question does not exhibit a characteristic of hazardous waste, RCRA requirements do not apply.

Generator Information

Generator's Name	Preparer's Name
City of Wisconsin Rapids	Robert E. Lee & Associates, Inc.
Address	**Address**
444 W Grand Avenue	1250 Centennial Centre Boulevard
City, State and ZIP Code	**City, State and ZIP Code**
Wisconsin Rapids, WI 54495	Hobart, WI 54155
Telephone Number	**Telephone Number**
(715) 421-8200	(920) 662-9641

Site Information

Site Name	Other name(s) site is known by
East Grand Avenue	
Address	**County**
(4th Street South to 6th Street South)	Wood

Located in the City, Town or Village ZIP Code
City of Wisconsin Rapids, 54494

Hazardous Waste Determination Information Reviewed

Listed Hazardous Waste Determination

Manifests reviewed ☐ Yes ☐ No ☐ None Found ☒ None Available	Vouchers reviewed ☐ Yes ☐ No ☐ None Found ☒ None Available
Bills of lading reviewed ☐ Yes ☐ No ☐ None Found ☒ None Available	Sales and inventory records reviewed ☐ Yes ☐ No ☐ None Found ☒ None Available
Material safety data sheets ☐ Yes ☐ No ☐ None Found ☒ None Available	Accident reports reviewed ☐ Yes ☐ No ☐ None Found ☒ None Available
Spill reports reviewed ☐ Yes ☐ No ☐ None Found ☒ None Available	Inspection reports reviewed ☐ Yes ☐ No ☐ None Found ☒ None Available
DNR's case files reviewed ☐ Yes ☒ No ☐ None Found ☐ None Available	Interviewed current and/or former employees who are likely to know about the use and/or disposal of the chemical or waste of concern (not just managers) ☐ Yes ☒ No ☐ None Found ☐ None Available

Hazardous Waste Determination Information Reviewed (continued)

Other information considered (provide description) [X] Yes [ ] No [ ] None Found [ ] None Available

The source of contamination is tetrachloroethene (PCE) from dry cleaning operations at the former Hangers Cleaners facility (BRRTS #02-72-000412). The potential sources of the release are the dry cleaning equipment and a French Drain within the former site building, and a dumpster located outside the former dry cleaners building. Further details on the Hangers Cleaners history is documented in the attached Phase 2 Investigation-Tradition Cleaners report, dated July, 9 2018. The report was prepared by Strand Associates for a right-of-way investigation to assess potential areas of soil and groundwater contamination which the City of Wisconsin Rapids might encounter during a 2019 utility reconstruction project in the right-of-way of E Grand Avenue, located adjacent to the Hangers Cleaners site. Seven soil borings (SB-8-1 through SB-8-7) were completed in areas adjacent to the former Hangers Cleaners site, where PCE-contaminated soil and groundwater stemming from the Hangers Cleaners site (source property) could potentially be encountered during the excavation of the utility trenches.

Characteristic Hazardous Waste Determination

Identified location(s)	Testing results
Seven soil borings (SB-8-1 through SB-8-7) were advanced at the site in May 2018. Up to two soil samples from each boring were submitted for lab analysis of VOCs and a composite sample of the seven borings was submitted for TCLP VOCs. Site maps with boring locations are found in the attached Phase 2 report.	Soil is not considered a hazardous waste by characteristic for toxicity, corrosivity, ignitability, or reactivity. The soil contaminant, PCE, was detected via laboratory analysis in soil samples SB-8-5 (8-10') at 0.324 mg/kg and SB-8-7 (6-8') at 0.0336 mg/kg. The detections are below the 153 mg/kg EPA contained-out value for PCE. TCLP analysis of the SB-8 composite sample did not detect concentrations of VOCs. The tabulated analytical data and Laboratory Analytical Report are included in the attached Phase 2 report.

Certification

I certify that the information documented above in the "Information reviewed to make a hazardous waste determination" section was developed and used as part of a good faith effort to make a hazardous waste determination. Reasonable diligence was used in collecting the information, evaluating the information, and using the compiled information. I certify that this document is true and correct to the best of my knowledge, and that I have authority to make this certification.

Name and Title: Alan Gustafson - Agent, City of Wisconsin Rapids

Signature: Alan Gustafson Date: 4/17/19

Attachment A:

Phase 2 Investigation – Tradition Cleaners

Strand Associates, Inc.®
910 West Wingra Drive
Madison, WI 53715
(P) 608-251-4843
(F) 608-251-8655

July 9, 2018

Mr. Dennis Mack, P.E., NC Region Local Program Management Consultant
Cedar Corporation
604 Wilson Avenue
Menomonie, WI 54751

Re: Phase 2 Investigation–Tradition Cleaners (Site 8), 540 East Grand Avenue
Local Street
East Grand Avenue, 3rd Street to 8th Street
City of Wisconsin Rapids, Wood County, Wisconsin
Wisconsin Department of Transportation (WisDOT) Project ID 6999-07-19

Dear Mr. Mack:

Enclosed is the Phase 2 Investigation report for the East Grand Avenue, 3rd Street to 8th Street project. This project is being completed for the city of Wisconsin Rapids in conjunction with WisDOT.

The project's Phase 1 Hazardous Materials Assessment (HMA) identified the potential for encountering contaminated soil and groundwater within the proposed limits of construction near Tradition Cleaners and recommended Phase 2 Investigation. This Phase 2 Investigation included construction of seven soil borings and collection and analysis of soil and groundwater samples.

The chlorinated solvent tetrachloroethene (PCE) was detected in soil samples from borings SB-8-5 (8 to 10 feet) and SB-8-7 (6 to 8 feet) at levels exceeding the NR 720 Residual Contaminant level for protection of groundwater. PCE was also detected in the groundwater sample from boring SB-8-7 at a concentration exceeding the NR 140 Preventive Action Limit.

No further investigation is recommended. Contract special provisions can be prepared for management of contaminated materials that may be encountered.

Please call with questions.

Sincerely,

STRAND ASSOCIATES, INC.®

Steven S. Small, Environmental Scientist

Luke T. Hellermann, P.G.

Enclosure

c: Joe Eichsteadt, P.E., City of Wisconsin Rapids
Deena Kinney, Wisconsin Department of Natural Resources, West Central Region
Eric Hanson, Strand Associates, Inc.®

SSS:LTH:sjl\R:\MAD\Documents\Reports\Archive\2018\Wisconsin Rapids, WI\Phase 2.East Grand Ave.Tradition Cleaners.3860.004.lth.Jun\Report\(1) Letter.docx

Report for
City of Wisconsin Rapids

East Grand Avenue, 3rd Street to 8th Street
Wood County, Wisconsin
WisDOT Project ID 6999-07-19

Phase 2 Investigation
Tradition Cleaners (Site 8)
540 East Grand Avenue, Wisconsin Rapids

Prepared by:

Steven S. Small, Environmental Scientist
Luke T. Hellermann, P.G.

STRAND ASSOCIATES, INC.®
910 West Wingra Drive
Madison, WI 53715
www.strand.com

July 2018

STRAND ASSOCIATES®

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EXECUTIVE SUMMARY

PURPOSE AND SCOPE

This Phase 2 Investigation was conducted for the East Grand Avenue, 3rd Street to 8th Street project in the city of Wisconsin Rapids, Wisconsin. The project consists of reconstructing East Grand Avenue and replacing underground utilities. At the Tradition Cleaners site, no fee right of way (R/W) will be acquired. Along East Grand Avenue, an approximately 15-foot-wide strip of temporary limited easement (TLE) will be required for grading behind the proposed back of sidewalk to match existing ground. Excavation depths within the proposed TLE acquisition area and within existing R/W for roadway reconstruction will be limited to 2 to 3 feet. Excavations to 10 to 12 feet for replacement of water main will be required adjacent to the site within the 6ths Street R/W, within the westbound lane of East Grand Avenue. Excavation to approximately 7 to 9 feet for replacement of storm sewer main and inlets will be required within the East Grand Avenue R/W adjacent to the site, along the south curb line.

The purpose of this Phase 2 Investigation was to assess if construction excavation at Tradition Cleaners (Site 8) or within the adjacent East Grand Avenue, South 6th Street, and East Jackson Street R/Ws will generate volatile organic compound (VOC)-contaminated soil or groundwater. The scope of this Phase 2 Investigation included seven soil borings, continuous soil sampling and field-screening of samples, and collection and analysis of soil and groundwater samples.

RESULTS AND DISCUSSION

Soil samples were collected continuously from seven borings (SB-8-1 to SB-8-7). Samples were screened in the field with a photoionization detector (PID) and readings ranged from 0 to 0.3 instrument units. One to two soil samples from each boring were submitted for laboratory analysis for VOCs. One composite soil sample (from sub-samples from each of the seven site borings) was submitted for toxicity characteristic leaching procedure (TCLP) analysis. Groundwater was encountered at two of the seven soil boings (SB-8-6 and SB-8-7) and groundwater samples were collected from a temporary well installed at these two locations. The groundwater samples were analyzed for VOCs.

The soil sample from boring SB-8-2 (4 to 6 feet) had a naphthalene concentration above laboratory detection limits but below the NR 720 residual contaminant level (RCL). The soil samples from borings SB-8-5 (8 to 10 feet) and SB-8-7 (6 to 8 feet) had tetrachloroethene (PCE) concentrations which exceeded the NR 720 RCL for protection of groundwater. The groundwater sample collected from boring SB-8-7 also had a PCE concentration of 4.8 micrograms per liter (μg/L), exceeding the NR 140 Preventive Action Limit (PAL). The boring locations and a summary of analytical results are shown on Figure 3.01-1.

CONCLUSIONS AND RECOMMENDATIONS

The chlorinated solvent PCE was detected in soil samples from borings SB-8-5 (8 to 10 feet) and SB-8-7 (6 to 8 feet) at levels exceeding the NR 720 RCL for protection of groundwater. PCE was also detected in the groundwater sample from boring SB-8-7 at a concentration exceeding the NR 140 PAL.

The detection of PCE in the soil at SB-8-5 (8 to 10 feet) is likely from the fluctuating water table. Similarly, the soil contamination at SB-8-7 (6 to 8 feet) appears to be related to water table fluctuations. No contamination was detected in the shallow, unsaturated soil.

No further investigation is recommended. Hazardous materials contract special provisions should be included with the construction documents to notify the contractor of the investigation findings and provide requirements for the proper management and treatment or disposal of soil and/or groundwater that is generated during construction.

Dewatering water generated near Tradition Cleaners and downgradient from the site to the area of boring B-8-7 can likely be discharged to the sanitary sewer with prior approval from the city of Wisconsin Rapids. Soils excavated from the same area, from depths near the water table and deeper, will require landfill disposal. These soils have been impacted by the fluctuating water table and PCE groundwater plume.

SECTION 1
INTRODUCTION

1.01 PURPOSE AND SCOPE

This report presents the findings of a Phase 2 Investigation at Tradition Cleaners, 540 East Grand Avenue, Wisconsin Rapids. The investigation was completed for the East Grand Avenue, 3rd Street to 8th Street project. The project consists of reconstructing East Grand Avenue with new pavement and pavement structure, curb and gutter, sidewalk, lighting, and replacement of storm sewer, sanitary sewer, and water main. Based on the preliminary alignment and construction plans, the scope of this Phase 2 Investigation included the following:

1. Construction of seven soil borings (SB-8-1 to SB-8-7) to depths of 10 to 12 feet and abandonment of the borings after sampling was complete.

2. Construction of two temporary monitoring wells (SB-8-6 and SB-8-7) and collection of two groundwater samples.

3. Continuous soil sampling and field-screening of soil samples with a photoionization detector (PID).

4. Laboratory analysis of one to two soil samples from each boring for volatile organic compounds (VOCs).

5. Laboratory analysis of one composite soil sample (from sub-samples collected from each of the sites seven soil borings) for toxicity characteristic leaching procedure (TCLP).

6. Laboratory analysis of two groundwater sample for VOCs.

This assessment was conducted in accordance with the Wisconsin Department of Transportation (WisDOT) Policy and Procedure for Contaminated Site Assessment and Remediation, Chapter 21, Section 35, Subject 10: Subsurface Investigation, of the Facilities Development Manual (FDM).

The findings of the Phase 2 Investigation and recommendations are provided in the following sections.

1.02 DEFINITIONS

The following abbreviations and terms are used in this report:

BGS	below ground surface
DC	Direct Contact
EOB	end of boring
ES	NR 140 Enforcement Standard
eV	electron volt
FDM	Facilities Development Manual
ft	feet
HMA	Hazardous Materials Assessment
mg/kg	milligram per kilogram
µg/L	micrograms per liter
mg/L	milligram per liter
NA	not applicable

ND	none detected
PAL	NR 140 Preventive Action Limit
PCE	tetrachloroethene
PECFCA	Petroleum Environmental Cleanup Fund Act
PID	photoionization detector
ppm	parts per million
PVC	polyvinyl chloride
RCL	Residual Contaminant Level (NR 720)
R/W	right of way
SB	soil boring
Strand	Strand Associates, Inc.®
TCLP	toxicity characteristic leaching procedure
TLE	temporary limited easement
USDA	United States Department of Agriculture
UST	underground storage tank
VOC	volatile organic compound
WDNR	Wisconsin Department of Natural Resources
WisDOT	Wisconsin Department of Transportation

1.03 GENERAL SITE INFORMATION

Site Owner/Responsible Party:	Tradition Cleaners
Site Address:	540 East Grand Avenue right of way (R/W)
Wisconsin Department of Natural Resources (WDNR) Site ID No.:	02-72-000412
Petroleum Environmental Cleanup Fund Act (PECFA) Eligible:	No
Consultant:	Strand Associates, Inc.® (Strand) 910 West Wingra Drive Madison, WI 53715 Contact: Mr. Luke T. Hellermann, P.G. Phone: (608) 251-4843
WDNR Project Contact:	West Central Region 1300 West Clairemont Avenue Eau Claire, WI 54701 Contact: Ms. Deena Kinney Phone: (715) 839-2784

Drilling Contractor:	Probe Technologies 7781 Pathfinder Lane West Bend, WI 53090 Contact: Mr. Dan Bendorf Phone: (262) 470-4768
Analytical Laboratory:	CT Laboratories 1230 Lange Court Baraboo, WI 53913 Contact: Mr. Eric Korthals Phone: (608) 356-2760

SECTION 2
SITE DESCRIPTION

The following site information was gathered during the Phase 1 and Phase 2 investigations and generation of this report.

2.01 SITE LOCATION

Tradition Cleaners is located at 540 East Grand Avenue, Section 17, T22N, R6E, Wisconsin Rapids, Wood County, Wisconsin. Because of the potential for contamination over a large area, the investigation related to this site included off-site properties R/Ws. The soil borings completed for this Phase 2 Investigation were advanced within existing R/Ws of East Grand Avenue, 6th Street South, and East Jackson/Lincoln Streets. The land use along the project corridor is urban with commercial/retail properties. Figure 2.01-1 shows the location of East Grand Avenue corridor. The features of the Tradition Cleaners site, boring locations, and proposed construction details are shown on Figure 3.01-1.

2.02 SITE HISTORY

In November 2017, Strand completed a Phase 1 Hazardous Materials Assessment (HMA) for the project on behalf of the city of Wisconsin Rapids and WisDOT. The Phase 1 HMA recommended additional investigation at six sites, including Tradition Cleaners (Site 8).

Tradition Cleaners (Site 8) contains a single building; the north side of the site is paved, and the southern portion is a gravel parking lot. The 1926 Sanborn Map showed a single structure at the property and the 1945 Sanborn showed a gas station at the site. A 1984 plan sheet showed the site as Judges Cleaners. The original building at the site was razed in 1992 and replaced with the current building. The site reportedly operated as a gas station from 1935 to 1959 and a dry cleaner operated at the site for a number of years after that. There is currently no dry cleaning being conducted at the site. The site has one registered tank listed as a closed/filled 1,111-gallon underground storage tank (UST) with unknown contents. According to information from the WDNR file, the UST was located at the northeast corner of the property. Subsurface investigations identified chlorinated solvents in the soil and groundwater. The activity was closed on April 28, 2008, with Land Use Limitations or Conditions, including a Pavement Cover and Building Barrier. Investigation data showed that the groundwater contaminant plume covers the entire site and extends off the site to the west/northwest, impacting several properties and the R/Ws of East Grand Avenue, Lincoln Street, and Garfield Street. The depth to groundwater at the site was reported to be approximately 17 to 18 feet and the flow direction is to the west/northwest. The depth to groundwater at the western end of the plume near Garfield Street was reported to be approximately 5 to 7 feet.

Investigation data appears to have defined the horizontal extent of soil contamination and shows that soil contamination was limited to the site. The location where solvents were released appears to have been identified where highly contaminated soil was detected above the water table at depths of 2 feet, 5 feet, 13 feet, and 14 feet in the northeast area of the site within the footprint of the former dry cleaning building. The dry cleaning equipment that was housed inside the building, a French drain, and a dumpster appear to the source areas of solvents released. However, migration of solvents off-site via underground utilities has not been adequately investigated. Solvents may have historically been discharged to floor drains or to the sanitary or storm sewer service lines on the site. Solvents discharged to these utilities would likely

have impacted the utility main lines within the street R/Ws. Appendix C contains additional site background information from the Phase 1 HMA.

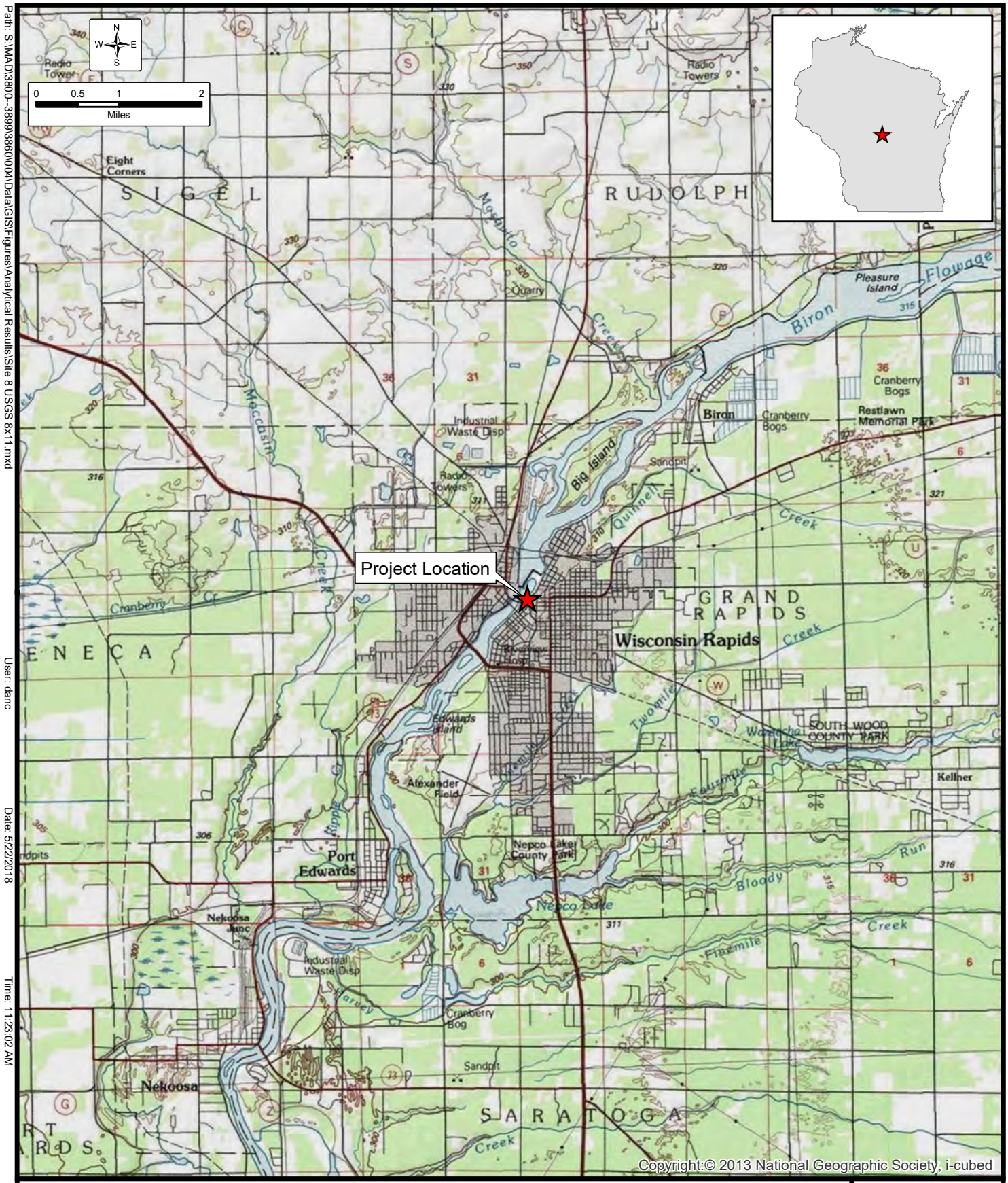
2.03 PRELIMINARY PLANS FOR SITE USE

The East Grand Avenue project consists of reconstructing East Grand Avenue between 3rd Street and 8th Street to provide new pavement and pavement structure, new curb and gutter, sidewalk, and lighting, and replacing storm sewer, sanitary sewer, and water main. At the Tradition Cleaners site, no fee R/W will be acquired. Along East Grand Avenue, an approximately 15-foot-wide strip of temporary limited easement (TLE) will be required for grading behind the proposed back of sidewalk to match existing ground. Excavation depths within the proposed TLE acquisition area and within existing R/W for roadway reconstruction will be limited to 2 to 3 feet. Excavations to 10 to 12 feet for replacement of water main will be required adjacent to the site within the 6th Street R/W, within the westbound lane of East Grand Avenue. Excavation to approximately 7 to 9 feet for replacement of storm sewer main and inlet will be required within the East Grand Avenue R/W adjacent to the site, along the south curb line.

2.04 REGIONAL SOIL CONDITIONS AND GROUNDWATER FLOW

The project area is located in the Fourmile and Fivemile Creek Watershed just east of the Wisconsin River. The Fourmile and Fivemile Creek Watershed is located primarily in the Central Sand Plains Ecological Landscape of central Wisconsin. The landscape is a flat, sandy lake plain that supports agriculture, forestry, recreation, and wildlife management. The landscape formed in and around what was once Glacial Lake Wisconsin, which contained glacial meltwater extending over 1.1 million acres at its highest stage. Soils are primarily sandy lake deposits, some with silt-loam loess caps. Sandstone buttes carved by rapid drainage of the glacial lake or lake wave action are distinctive features of this landscape. The project area is underlain by the sand and gravel aquifer of the Wisconsin River valley. The reported groundwater elevation data from sites located along the project corridor indicate the groundwater depth ranges from about 5 to 40 feet and the flow direction is generally west toward the Wisconsin River.

The United States Department of Agriculture (USDA) Web Soil Survey identified three soil types associated with this site. The most predominant soil type was Plainfield sand, 0 to 2 percent slopes (PfA). The Plainfield soil series consists of very deep, excessively drained soils formed in sandy drift on outwash plains, valley trains, glacial lake basins, stream terraces, moraines and other upland areas. These soils are characterized as having negligible to medium runoff potential and rapid to very rapid permeability. Plainfield soils are often cleared and used for cropland.



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PROJECT LOCATION MAP
TRADITION CLEANERS (SITE 8) - PHASE 2 INVESTIGATION

CITY OF WISCONSIN RAPIDS - EAST GRAND AVENUE
3RD STREET TO 8TH STREET
WOOD COUNTY, WISCONSIN
WISDOT I.D. 6999-07-19

STRAND ASSOCIATES®

FIGURE 2.01-1
3860.004

SECTION 3
SAMPLING RESULTS

3.01 OBSERVATIONS

Seven soil borings (SB-8-1 to SB-8-7) were completed by Probe Technologies on May 15, 2018. Soil samples were collected continuously and borings were advanced to a depth of 10 to 12 feet. The borings are shown on Figure 3.01-1. The borings were completed using direct-push sampling equipment and soil samples were collected with a 4-foot, macro-core sampler. Groundwater was encountered at boring SB-8-6 at approximately 8 feet below ground surface (BGS) and at boring SB-8-7 at approximately 9.5 feet BGS. Groundwater samples were collected from each of these two borings from temporary PVC monitoring wells. For the East Grand Avenue reconstruction project, excavation depths within the proposed TLE acquisition area and within existing R/W for roadway reconstruction will be limited to 2 to 3 feet. Excavations to 10 to 12 feet for replacement of water main will be required adjacent to the site within the 6ths Street R/W, within the westbound lane of East Grand Avenue. Excavation to approximately 7 to 9 feet for replacement of storm sewer main and inlets will be required within the East Grand Avenue R/W adjacent to the site, along the south curb line. Appendix A contains the soil boring logs, boring abandonment forms, well construction and development forms, and site photographs.

Soil boring SB-8-1, which was advance to a depth of 12 feet, was constructed within the existing R/W at the southwest quadrant of the East Grand Avenue and 6th Street South intersection. Soil encountered consisted mainly of moist brown, loose, medium-grain sand. Groundwater was not encountered at this boring.

Soil boring SB-8-2, which was advance to a depth of 12 feet, was constructed within the existing R/W along the south side of East Grand Avenue between 6th Street South and Lincoln Street. Soil encountered consisted mainly of moist brown, loose, medium-grain sand. Groundwater was not encountered at this boring.

Soil boring SB-8-3, which was advance to a depth of 12 feet, was constructed within the existing R/W at the southeast quadrant of the East Grand Avenue and Lincoln Street intersection. Soil encountered consisted mainly of moist brown, loose, medium-grain sand. Groundwater was not encountered at this boring.

Soil boring SB-8-4, which was advance to a depth of 10 feet, was constructed within the existing R/W at the northwest quadrant of the East Grand Avenue and East Jackson Street intersection. Soil encountered consisted mainly moist brown, loose, medium-grain sand. Groundwater was not encountered at this boring.

Soil boring SB-8-5, which was advance to a depth of 10 feet, was constructed within the existing R/W along the north side of East Grand Avenue between East Jackson Street and Garfield Street. Soil encountered consisted mainly of moist brown, loose, medium-grain sand. A thin layer of broken concrete was encountered at a depth of approximately 2 feet and dark brown, loose, dry peat was observed at an approximate depth of 9 feet. Groundwater was not encountered at this boring.

Soil boring SB-8-6, which was advance to a depth of 10 feet, was constructed within the existing R/W along the north side of East Grand Avenue between East Jackson Street and Garfield Street. Soil encountered consisted mainly of moist brown, loose, medium-grain sand. Saturated soil conditions were encountered at a depth of approximately 9.5 feet.

Soil boring SB-8-7, which was advance to a depth of 12 feet, was constructed within the existing R/W along the south side of East Grand Avenue between Garfield Street. Soil encountered consisted mainly of moist

brown, loose, medium-grain sand. Soils with a silver "metallic" appearance were observed at approximately 10 to 12 feet. It appeared that the soil at this depth was native. Saturated soil conditions were encountered at a depth of approximately 8 feet.

3.02 SCREENING AND ANALYTICAL RESULTS

Soil samples were collected continuously and screened in the field with a PID. Screening results are presented in Table 3.02-1 and show no elevated readings. No unusual odors or visual evidence of potential contamination were noted.

One to two soil samples from each boring were submitted for laboratory analysis for VOCs. A composite soil sample (composite from all sub-samples collected from the two borings) was also submitted for TCLP analysis for VOCs. Groundwater samples collected from temporary wells installed at borings SB-8-6 and SB-8-7 were submitted for VOC analysis. The following describes the soil and groundwater laboratory results:

- At boring SB-8-1, samples from 4 to 6 feet and 10 to 12 feet (apparent native soil) were submitted for laboratory analysis of VOCs. No VOCs were reported above laboratory detection limits.

- At boring SB-8-2, samples from 4 to 6 feet and 10 to 12 feet (apparent native soil) were submitted for laboratory analysis of VOCs. In the sample from 4 to 6 feet, naphthalene was detected at 0.0362 milligrams per kilogram (mg/kg). This concentration is below the NR 720 residual contaminant level (RCL).

- At boring SB-8-3, samples from 4 to 6 feet and 10 to 12 feet (apparent native soil) were submitted for laboratory analysis of VOCs. No VOCs were reported above laboratory detection limits.

- At boring SB-8-4, the soil sample from 8 to 10 feet (apparent native soil) was submitted for laboratory analysis of VOCs. No VOCs were reported above laboratory detection limits.

- At boring SB-8-5, the soil sample from 8 to 10 feet (apparent native soil) was submitted for laboratory analysis of VOCs. Tetrachloroethene (PCE) was detected at 0.324 mg/kg. This concentration exceeds the NR 720 RCL for protection of groundwater.

- At boring SB-8-6, the soil sample from 8 to 10 feet (apparent native soil) and a groundwater sample were submitted for laboratory analysis of VOCs. No VOCs were reported above laboratory detection limits.

- At boring SB-8-7, soil samples from 6 to 8 feet and 10 to 12 feet (apparent native soil) and a groundwater sample were submitted for laboratory analysis of VOCs. In the soil sample from 6 to 8 feet, PCE was detected at 0.0336 mg/kg, exceeding the NR 720 RCL for protection of groundwater. The soil sample from 10 to 12 feet had no VOCs above laboratory detection limits. The groundwater sample collected also contained PCE at a concentration of 4.8 micrograms per liter (μg/L), exceeding the NR 140 Preventive Action Limit (PAL).

- The composite soil sample was submitted for TCLP VOCs analysis and no VOCs were reported above laboratory detection limits.

Soil and groundwater analytical results are summarized in Tables 3.02-2 and 3.03-3. The results are also shown on Figure 3.01-1. A copy of the laboratory report is included as Appendix B.

Sample Depth (feet)	Boring						
	SB-8-1	SB-8-2	SB-8-3	SB-8-4	SB-8-5	SB-8-6	SB-8-7
0 to 2	0.1	0.2	0.1	0.1	0.2	0.0	0.3
2 to 4	0.0	0.2	0.1	0.1	0.1	0.0	0.2
4 to 6	0.1*	0.2*	0.1*	0.2	0.1	0.2	0.2
6 to 8	0.1	0.2	0.2	0.1	0.1	0.0	0.2*
8 to 10	0.1	0.1	0.3	0.1*	0.1*	0.1*	0.1
10 to 12	0.0*	0.2*	0.1*	--	--	--	0.1*
	EOB (12 feet)	EOB (12 feet)	EOB (12 feet)	EOB (10 feet)	EOB (10 feet)	EOB (10 feet)	EOB (12 feet)

Samples were collected on May 15, 2018.
Results are instrument units.
* Sample retained for laboratory analysis.
EOB End of Boring.

Table 3.02-1 PID Readings

Table 3.02-2 Soil Analytical Results

Compound	NR 720 RCLs Based on Protection of Groundwater	NR 720 Non-Industrial / Industrial DC RCLs	SB-8-1 4 to 6 feet	SB-8-1 10 to 12 feet	SB-8-2 4 to 6 feet	SB-8-2 10 to 12 feet	SB-8-3 4 to 6 feet	SB-8-3 10 to 12 feet	SB-8-4 8 to 10 feet	SB-8-5 8 to 10 feet	SB-8-6 8 to 10 feet	SB-8-7 6 to 8 feet	SB-8-7 10 to 12 feet	SB-8 Comp
Solids, Percent	--	--	96.3	95.5	95.8	93.8	95.5	95.8	95.6	77.4	94.7	89.1	81.0	NA
VOCs detected (mg/kg)														
Naphthalene	0.6582	5.52/24.1	<0.029	<0.029	0.0362	<0.029	<0.030	<0.029	<0.029	<0.033	<0.029	<0.029	<0.029	NA
Tetrachloroethene	0.0045	33/145	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	0.324	<0.013	0.0336	<0.013	NA
TCLP VOCs detected (mg/L)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND

Samples were collected May 15, 2018.

DC Direct Contact
NA not analyzed
ND none detected
▭ Exceeds NR 720 RCL for Protection of Groundwater
BOLD Exceeds NR 720 Non-Industrial Site DC RCL
-- No RCL for this compound

Compound	NR 140 ES/PAL	SB-8-6	SB-8-7
VOCs detected (µg/L)			
Chloroform	6/0.6	<0.30	0.38
Tetrachloroethene	5/0.5	<0.50	4.8
Trichloroethene	5/0.5	<0.30	0.33

Groundwater samples were collected on May 15, 2018.
ES NR 140 Enforcement Standard
PAL NR 140 Preventive Action Limit
Concentration exceeds the NR 140 PAL

Table 3.02-3 Groundwater Analytical Results

BORING LOCATIONS AND ANALYTICAL RESULTS
TRADITION CLEANERS (SITE 8) - PHASE 2 INVESTIGATION
CITY OF WISCONSIN RAPIDS - EAST GRAND AVENUE
3RD STREET TO 8TH STREET
WOOD COUNTY, WISCONSIN
WISDOT I.D. 6999-07-19

Legend

- Phase 2 Soil Boring
- Proposed Storm Sewer
- Proposed Sanitary Sewer
- Proposed Water
- Slope Intercept
- Temporary Limited Easement
- Approximate Fee Right of Way Acquisition
- Proposed Pavement

E JACKSON ST

E GRAND AV

6TH ST S

LINCOLN ST

SB-8-5
8-10 ft Soil Results
Tetrachloroethene: 0.324 mg/kg

SB-8-4
8-10 ft Soil Results
VOCs: < RCLs

SB-3-2

SB-3-1

SB-9-2

SB-9-1

SB-8-2
4-6 ft Soil Results
VOCs: < RCLs
10-12 ft Soil Results
VOCs: < RCLs

SB-8-3
4-6 ft Soil Results
VOCs: < RCLs
10-12 ft Soil Results
VOCs: < RCLs

SB-8-1
4-6 ft Soil Results
VOCs: < RCLs
10-12 ft Soil Results
VOCs: < RCLs

Tradition Cleaners
(Site 8)

N W E S

0 10 20 40
Feet

Phase 2 samples were collected May 14 and 15, 2018.

PAL -	NR 140 Preventive Action Limit
mg/kg -	milligrams per kilograms
µg/L -	micrograms per liter
RCL -	NR 720 Residual Contaminant Level
VOC -	volatile organic compound

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FIGURE 3.01-1
3860.004

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BORING LOCATIONS AND ANALYTICAL RESULTS
TRADITION CLEANERS (SITE 8) - PHASE 2 INVESTIGATION
CITY OF WISCONSIN RAPIDS - EAST GRAND AVENUE
3RD STREET TO 8TH STREET
WOOD COUNTY, WISCONSIN
WISDOT I.D. 6999-07-19

Legend

- Phase 2 Soil Boring
- Proposed Storm Sewer
- Proposed Sanitary Sewer
- Proposed Water
- Slope Intercept
- Temporary Limited Easement
- Approximate Fee Right of Way Acquisition
- Proposed Pavement

Phase 2 samples were collected May 14 and 15, 2018.
PAL - NR 140 Preventive Action Limit
mg/kg - milligrams per kilograms
µg/L - micrograms per liter
RCL - NR 720 Residual Contaminant Level
VOC - volatile organic compound

SB-8-7

6-8 ft Soil Results
Tetrachloroethene: 0.0336 mg/kg
10-12 ft Soil Results
VOCs: < RCLs
Groundwater Results
Tetrachloroethene: 4.8 ug/L

SB-8-6

8-10 ft Soil Results
VOCs: < RCLs
Groundwater Results
VOCs: < PALs

SB-8-5

8-10 ft Soil Results
Tetrachloroethene: 0.324 mg/kg

SB-8-4

8-10 ft Soil Results
VOCs: < RCLs

SB-3-2

SB-3-1

SB-8-3

4-6 ft Soil Results
VOCs: < RCLs
10-12 ft Soil Results
VOCs: < RCLs

GARFIELD ST

BIRCH ST

E GRAND AV

E JACKSON ST

LINCOLN ST

N W E S

0 10 20 40
Feet

STRAND ASSOCIATES®

FIGURE 3.01-2
3860.004

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SECTION 4
CONCLUSIONS AND RECOMMENDATIONS

4.01 CONCLUSIONS

The chlorinated solvent PCE was detected in soil samples from borings SB-8-5 (8 to 10 feet) and SB-8-7 (6 to 8 feet) at levels exceeding the NR 720 RCL for protection of groundwater. PCE was also detected in the groundwater sample from boring SB-8-7 at a concentration exceeding the NR 140 PAL.

Boring SB-8-5 was advanced to the depth of 10 feet and groundwater was not observed. However, based on the observed depths to groundwater at adjacent borings SB-8-6 and SB-8-7 (9.5 feet and 8 feet, respectively), the depth to groundwater near SB-8-5 is estimated to be near 10 feet.

The detection of PCE in the soil at SB-8-5 (8 to 10 feet) is likely from the fluctuating water table. Similarly, the soil contamination at SB-8-7 (6 to 8 feet) appears to be related to water table fluctuations. No contamination was detected in the shallow, unsaturated soil.

4.02 RECOMMENDATIONS

No further investigation is recommended. Hazardous materials contract special provisions should be included with the construction documents to notify the contractor of the investigation findings and provide requirements for the proper management and treatment or disposal of soil and/or groundwater that is generated during construction.

Dewatering water generated near Tradition Cleaners and downgradient from the site to the area of boring B-8-7 can likely be discharged to the sanitary sewer with prior approval from the city of Wisconsin Rapids. Soils excavated from the same area, from depths near the water table and deeper, will require landfill disposal. These soils have been impacted by the fluctuating water table and PCE groundwater plume.

brown, loose, medium-grain sand. Soils with a silver "metallic" appearance were observed at approximately 10 to 12 feet. It appeared that the soil at this depth was native. Saturated soil conditions were encountered at a depth of approximately 8 feet.

3.02 SCREENING AND ANALYTICAL RESULTS

Soil samples were collected continuously and screened in the field with a PID. Screening results are presented in Table 3.02-1 and show no elevated readings. No unusual odors or visual evidence of potential contamination were noted.

One to two soil samples from each boring were submitted for laboratory analysis for VOCs. A composite soil sample (composite from all sub-samples collected from the two borings) was also submitted for TCLP analysis for VOCs. Groundwater samples collected from temporary wells installed at borings SB-8-6 and SB-8-7 were submitted for VOC analysis. The following describes the soil and groundwater laboratory results:

- At boring SB-8-1, samples from 4 to 6 feet and 10 to 12 feet (apparent native soil) were submitted for laboratory analysis of VOCs. No VOCs were reported above laboratory detection limits.

- At boring SB-8-2, samples from 4 to 6 feet and 10 to 12 feet (apparent native soil) were submitted for laboratory analysis of VOCs. In the sample from 4 to 6 feet, naphthalene was detected at 0.0362 milligrams per kilogram (mg/kg). This concentration is below the NR 720 residual contaminant level (RCL).

- At boring SB-8-3, samples from 4 to 6 feet and 10 to 12 feet (apparent native soil) were submitted for laboratory analysis of VOCs. No VOCs were reported above laboratory detection limits.

- At boring SB-8-4, the soil sample from 8 to 10 feet (apparent native soil) was submitted for laboratory analysis of VOCs. No VOCs were reported above laboratory detection limits.

- At boring SB-8-5, the soil sample from 8 to 10 feet (apparent native soil) was submitted for laboratory analysis of VOCs. Tetrachloroethene (PCE) was detected at 0.324 mg/kg. This concentration exceeds the NR 720 RCL for protection of groundwater.

- At boring SB-8-6, the soil sample from 8 to 10 feet (apparent native soil) and a groundwater sample were submitted for laboratory analysis of VOCs. No VOCs were reported above laboratory detection limits.

- At boring SB-8-7, soil samples from 6 to 8 feet and 10 to 12 feet (apparent native soil) and a groundwater sample were submitted for laboratory analysis of VOCs. In the soil sample from 6 to 8 feet, PCE was detected at 0.0336 mg/kg, exceeding the NR 720 RCL for protection of groundwater. The soil sample from 10 to 12 feet had no VOCs above laboratory detection limits. The groundwater sample collected also contained PCE at a concentration of 4.8 micrograms per liter (μg/L), exceeding the NR 140 Preventive Action Limit (PAL).

- The composite soil sample was submitted for TCLP VOCs analysis and no VOCs were reported above laboratory detection limits.

Soil and groundwater analytical results are summarized in Tables 3.02-2 and 3.03-3. The results are also shown on Figure 3.01-1. A copy of the laboratory report is included as Appendix B.

Sample Depth (feet)	Boring						
	SB-8-1	SB-8-2	SB-8-3	SB-8-4	SB-8-5	SB-8-6	SB-8-7
0 to 2	0.1	0.2	0.1	0.1	0.2	0.0	0.3
2 to 4	0.0	0.2	0.1	0.1	0.1	0.0	0.2
4 to 6	0.1*	0.2*	0.1*	0.2	0.1	0.2	0.2
6 to 8	0.1	0.2	0.2	0.1	0.1	0.0	0.2*
8 to 10	0.1	0.1	0.3	0.1*	0.1*	0.1*	0.1
10 to 12	0.0*	0.2*	0.1*	--	--	--	0.1*
	EOB (12 feet)	EOB (12 feet)	EOB (12 feet)	EOB (10 feet)	EOB (10 feet)	EOB (10 feet)	EOB (12 feet)

Samples were collected on May 15, 2018.
Results are instrument units.
* Sample retained for laboratory analysis.
EOB End of Boring.

Table 3.02-1 PID Readings

Table 3.02-2 Soil Analytical Results

Compound	NR 720 RCLs Based on Protection of Groundwater	NR 720 Non-Industrial / Industrial DC RCLs	SB-8-1 4 to 6 feet	SB-8-1 10 to 12 feet	SB-8-2 4 to 6 feet	SB-8-2 10 to 12 feet	SB-8-3 4 to 6 feet	SB-8-3 10 to 12 feet	SB-8-4 8 to 10 feet	SB-8-5 8 to 10 feet	SB-8-6 8 to 10 feet	SB-8-7 6 to 8 feet	SB-8-7 10 to 12 feet	SB-8 Comp
Solids, Percent	--	--	96.3	95.5	95.8	93.8	95.5	95.8	95.6	77.4	94.7	89.1	81.0	NA
VOCs detected (mg/kg)														
Naphthalene	0.6582	5.52/24.1	<0.029	<0.029	0.0362	<0.029	<0.030	<0.029	<0.029	<0.033	<0.029	<0.029	<0.029	NA
Tetrachloroethene	0.0045	33/145	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	0.324	<0.013	0.0336	<0.013	NA
TCLP VOCs detected (mg/L)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND

Samples were collected May 15, 2018.

DC Direct Contact
NA not analyzed
ND none detected
☐ Exceeds NR 720 RCL for Protection of Groundwater
BOLD Exceeds NR 720 Non-Industrial Site DC RCL
-- No RCL for this compound

Compound	NR 140 ES/PAL	SB-8-6	SB-8-7
VOCs detected (µg/L)			
Chloroform	6/0.6	<0.30	0.38
Tetrachloroethene	5/0.5	<0.50	4.8
Trichloroethene	5/0.5	<0.30	0.33

Groundwater samples were collected on May 15, 2018.
ES NR 140 Enforcement Standard
PAL NR 140 Preventive Action Limit
Concentration exceeds the NR 140 PAL

Table 3.02-3 Groundwater Analytical Results

SECTION 5
LIMITATIONS

5.01 LIMITATIONS

This Phase 2 Investigation was prepared by Strand for the city of Wisconsin Rapids and WisDOT and was conducted in accordance with generally accepted standards of practice. This Phase 2 Investigation was conducted specifically for use by the city of Wisconsin Rapids and WisDOT for assessing potential environmental concerns within the proposed R/W for the East Grand Avenue, 3rd Street to 8th Street project (ID 6999-07-19). Any reliance on this report by a party other than the city of Wisconsin Rapids and WisDOT shall be at such party's sole risk. This investigation was based on limited observation and soil sampling. The information, recommendations, and conclusions provided herein apply only to the subject property as it existed during Strand's site assessment. Should land use or conditions change, information, conclusions, and recommendations herein no longer apply. It is stressed that actual site conditions can only be determined by comprehensive and extensive investigation.

APPENDIX A
SITE PHOTOGRAPHS AND WDNR FORMS

Date: May 15, 2018

Time: Morning

Description:

Location of boring SB-8-1, looking north toward the East Grand Avenue and 6th Street South intersection.

Date: May 15, 2018

Time: Morning

Description:

Location of boring SB-8-2, looking west along East Grand Avenue.

APPENDIX A

TRADITION CLEANERS (SITE 8)

SITE PHOTOGRAPHS
PHASE 2 INVESTIGATION

EAST GRAND AVENUE, 3RD ST TO 8TH ST
WISDOT PROJECT ID NO. 6999-07-19
CITY OF WISCONSIN RAPIDS

STRAND ASSOCIATES®

Date: May 15, 2018

Time: Morning

Description:

Location of boring SB-8-3, looking north across the East Grand Avenue and East Jackson Street intersection.

Date: May 15, 2018

Time: Morning

Description:

Location of boring SB-8-4, looking east across the East Grand Avenue and East Jackson Street intersection.

APPENDIX A

TRADITION CLEANERS (SITE 8)

SITE PHOTOGRAPHS
PHASE 2 INVESTIGATION

EAST GRAND AVENUE, 3RD ST TO 8TH ST
WISDOT PROJECT ID NO. 6999-07-19
CITY OF WISCONSIN RAPIDS

STRAND ASSOCIATES®

Date: May 15, 2018

Time: Afternoon

Description:

Location of boring SB-8-5, looking southwest across East Grand Avenue.

Date: May 15, 2018

Time: Afternoon

Description:

Location of boring SB-8-6, looking northwest along East Grand Avenue.

APPENDIX A

TRADITION CLEANERS (SITE 8)

SITE PHOTOGRAPHS
PHASE 2 INVESTIGATION

EAST GRAND AVENUE, 3RD ST TO 8TH ST
WISDOT PROJECT ID NO. 6999-07-19
CITY OF WISCONSIN RAPIDS

STRAND ASSOCIATES®

Date: May 15, 2018

Time: Afternoon

Description:

Location of boring SB-8-7, looking northeast toward the East Grand Avenue and Garfield Street intersection.

APPENDIX A

TRADITION CLEANERS (SITE 8)

SITE PHOTOGRAPHS
PHASE 2 INVESTIGATION

EAST GRAND AVENUE, 3RD ST TO 8TH ST
WISDOT PROJECT ID NO. 6999-07-19
CITY OF WISCONSIN RAPIDS

STRAND ASSOCIATES®

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Page _____ of _____

Facility/Project Name: CITY OF WIS. RAPIDS - GRAND AVE	License/Permit/Monitoring Number:	Boring Number: SB-8-1
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: DAN Last Name: BENDORF — Firm: PROBE TECHNOLOGIES, INC.	Date Drilling Started: 05/15/2018 (m m d d y y y y)	Date Drilling Completed: 05/15/2018 (m m d d y y y y) — Drilling Method: DIRECT PUSH
WI Unique Well No. / DNR Well ID No. / Well Name	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL — Borehole Diameter: 2.25 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E — ____ 1/4 of ____ 1/4 of Section ____, T ____ N, R ____	Lat ° ' " — Long ° ' "	Local Grid Location: ____ Feet ☐ N ☐ S ____ Feet ☐ E ☐ W
Facility ID	County: WOOD — County Code:	Civil Town/City/or Village: WISCONSIN RAPIDS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				3" DARK BROWN M. SAND + GRAVEL										
1	34		5	BROWN, LOOSE MED. SAND										
2	42													
3	40		10											
4				E.O.B. @ 12'										
			15											

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

Signature: Daniel Bendorf — Firm: Probe Technologies, Inc.

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

State of Wis., Dept. of Natural Resources
dnr.wi.gov

SB-8-1

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☒ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Wood		

Latitude / Longitude (see instructions) _____ N _____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 540 E. Grand Ave.

Well City, Village or Town	Well ZIP Code
Wis Rpaids	

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil Boring	

2. Facility / Owner Information

Facility Name: City of Wisconsin Rapids- Grand Ave.
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner:
Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	2.25

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.25	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☒ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	12	1/3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Probe Technologies, Inc.		05/15/2018

Street or Route	Telephone Number
7781 Pathfinder Lane	(262) 470-4768

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
West Bend	WI	53090	Daniel Bendorf	6/18/18

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Page _____ of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
CITY OF WIS. RAPIDS - GRAND AVE		SB-8-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: DAN Last Name: BENDORF Firm: PROBE TECHNOLOGIES, INC.	05/15/2018 (m m d d y y y y)	05/15/2018 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.25 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____

Lat ° ' "
Long ° ' "

Local Grid Location
☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/or Village
	WOOD		WISCONSIN RAPIDS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				3" CONCRETE OVER										
1	32			BROWN, LOOSE										
				MED. SAND										
			5											
2	32													
3	44		10											
				EOB @ 12'										
4														
			15											

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

Signature	Firm
Daniel Bendorf	Probe Technologies, Inc.

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

State of Wis., Dept. of Natural Resources
dnr.wi.gov

SB-8-2

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☒ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Wood		

Latitude / Longitude (see instructions) ____ N ____ W | Format Code: ☐ DD ☐ DDM | Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 540 E. Grand Ave.

Well City, Village or Town	Well ZIP Code
Wis Rapids	

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil Boring	

2. Facility / Owner Information

Facility Name: City of Wisconsin Rapids- Grand Ave.

Facility ID (FID or PWS):

License/Permit/Monitoring #:

Original Well Owner:

Present Well Owner:

Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify):

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	2.25

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.25	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☒ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	12	1/3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Probe Technologies, Inc.		05/15/2018

Street or Route	Telephone Number
7781 Pathfinder Lane	(262) 470-4768

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
West Bend	WI	53090	Daniel Bendorf	6/18/18

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Page _____ of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
CITY OF WIS. RAPIDS - GRAND AVE.		SB-8-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: DAN Last Name: BENDORF Firm: PROBE TECHNOLOGIES, INC.	05/15/2018 (m m d d y y y y)	05/15/2018 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.25 inches

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

Facility ID	County	County Code	Civil Town/City/or Village
	WOOD		WISCONSIN RAPIDS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				3" CONCRETE										
1	28		5	OVER BROWN, LOOSE M-SAND										
2	32													
3	38		10											
4				E.O.B. @ 12'										
			15											

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

Signature	Firm
Daniel Bendorf	Probe Technologies, Inc.

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

State of Wis., Dept. of Natural Resources
dnr.wi.gov

SB-8-3

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☒ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Wood		

Latitude / Longitude (see instructions) _____ N _____ W | Format Code: ☐ DD ☐ DDM | Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 540 E. Grand Ave.

Well City, Village or Town: Wis Rapids | Well ZIP Code:

Subdivision Name: | Lot #:

Reason for Removal from Service: Soil Boring | WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: City of Wisconsin Rapids- Grand Ave.

Facility ID (FID or PWS):

License/Permit/Monitoring #:

Original Well Owner:

Present Well Owner:

Mailing Address of Present Owner:

City of Present Owner: | State: | ZIP Code:

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	2.25

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.25	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? | Depth to Water (feet):

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☒ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	12	1/3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Probe Technologies, Inc.		05/15/2018

Street or Route	Telephone Number
7781 Pathfinder Lane	(262) 470-4768

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
West Bend	WI	53090	Daniel Bendorf	6/18/18

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Page _____ of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
CITY OF WIS. RAPIDS - GRAND AVE		SB-8-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: DAN Last Name: BENDORF Firm: PROBE TECHNOLOGIES, INC.	05/15/2018 (m m d d y y y y)	05/15/2018 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.25 inches

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

Facility ID	County	County Code	Civil Town/City/or Village
	WOOD	_ _ _	WISCONSIN RAPIDS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	44		5	4" BLACK SANDY LOAM OVER BROWN, LOOSE, M. SAND										
2	38													
3	24		10	EOB @ 10'										
4			15											

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

Signature	Firm
Daniel Bendorf	Probe Technologies, Inc.

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

State of Wis., Dept. of Natural Resources
dnr.wi.gov

SB-8-4

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☒ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Wood		

Latitude / Longitude (see instructions) _____ N _____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 540 E. Grand Ave.

Well City, Village or Town	Well ZIP Code
Wis Rapids	
Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil Boring	

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	2.25
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.25	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

2. Facility / Owner Information

Facility Name: City of Wisconsin Rapids- Grand Ave.
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner:
Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☒ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	1/3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Probe Technologies, Inc.		05/15/2018

Street or Route	Telephone Number
7781 Pathfinder Lane	(262) 470-4768

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
West Bend	WI	53090	Daniel Bendorf	6/18/18

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Page _____ of _____

Facility/Project Name: CITY OF WIS. RAPIDS - GRAND AVE	License/Permit/Monitoring Number	Boring Number: SB-8-5	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: DAN Last Name: BENDORF — Firm: PROBE TECHNOLOGIES, INC.	Date Drilling Started: 05/15/2018 (m m d d y y y y)	Date Drilling Completed: 05/15/2018 (m m d d y y y y)	Drilling Method: DIRECT PUSH
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2.25 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E — _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W	
Facility ID	County: WOOD	County Code	Civil Town/City/or Village: WISCONSIN RAPIDS		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				4" BLACK SANDY LOAM over										
1	48			BROWN, LOOSE M. SAND										
			5											
2	16													
				PEAT, ROOTS, ORGANICS										
3	14		10	E.O.B. @ 10'										
4														
			15											

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

Signature: Daniel Bendorf — Firm: Probe Technologies, Inc.

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

State of Wis., Dept. of Natural Resources
dnr.wi.gov

SB-8-5

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☒ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Wood		

Latitude / Longitude (see instructions) _____ N _____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 540 E. Grand Ave.

Well City, Village or Town	Well ZIP Code
Wis Rapids	
Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil Boring	

2. Facility / Owner Information

Facility Name: City of Wisconsin Rapids- Grand Ave.
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner:
Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	2.25
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.25	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☒ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	1/3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Probe Technologies, Inc.		05/15/2018

Street or Route	Telephone Number
7781 Pathfinder Lane	(262) 470-4768

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
West Bend	WI	53090	Daniel Bendorf	6/18/18

DNR Use Only

Date Received	Noted By
Comments	

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Page _____ of _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
CITY OF WIS. RAPIDS - GRAND AVE		SB-8-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: DAN Last Name: BENDORF Firm: PROBE TECHNOLOGIES, INC.	05/15/2018 (m m d d y y y y)	05/15/2018 (m m d d y y y y)	DIRECT PUSH

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.25 inches

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

Facility ID	County	County Code	Civil Town/City/or Village
	WOOD		WISCONSIN RAPIDS

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				10" BLACK SANDY LOAM, OVOL										
1	40		5	BROWN, LOOSE M. SAND										
2	40													
3	24		10	E.O.B. @ 10'										
4			15											

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

Signature	Firm
Danial Bendorf	Probe Technologies, Inc.

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

State of Wis., Dept. of Natural Resources
dnr.wi.gov

SB-8-6

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☒ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Wood		

Latitude / Longitude (see instructions) ____ N ____ W

Format Code: ☐ DD ☐ DDM

Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 540 E. Grand Ave.

Well City, Village or Town	Well ZIP Code
Wis Rapids	

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Soil Boring	

2. Facility / Owner Information

Facility Name: City of Wisconsin Rapids- Grand Ave.

Facility ID (FID or PWS):

License/Permit/Monitoring #:

Original Well Owner:

Present Well Owner:

Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy):

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify):

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
10	2.25

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.25	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☒ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	10	1/3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Probe Technologies, Inc.		05/15/2018

Street or Route	Telephone Number
7781 Pathfinder Lane	(262) 470-4768

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
West Bend	WI	53090	Daniel Bendorf	6/18/18

DNR Use Only

Date Received	Noted By

Comments:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

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

Page _____ of _____

Facility/Project Name: CITY OF WIS. RAPIDS - GRAND AVE	License/Permit/Monitoring Number	Boring Number: SB-8-7
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: DAN Last Name: BENDORF — Firm: PROBE TECHNOLOGIES, INC.	Date Drilling Started: 05/15/2018 (m m d d y y y y)	Date Drilling Completed: 05/15/2018 (m m d d y y y y) — Drilling Method: DIRECT PUSH
WI Unique Well No. _ _ _ _ _ _ — DNR Well ID No. _ _ _ _ — Well Name	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL — Borehole Diameter: 2.25 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E — _____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
Facility ID	County: WOOD — County Code	Civil Town/City/or Village: WISCONSIN RAPIDS

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	30		0	BROWN, LOOSE M. SAND										
			5	3" SEAM BLACK SILT										
2	24			BROWN, M. SAND WET @ 8'										
3	36		10	SILVER, METALLIC MATERIAL										
4				E. 0.3 @ 12'										
			15											

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

Signature: Daniel Bendorf — Firm: Probe Technologies, Inc.

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

State of Wis., Dept. of Natural Resources
dnr.wi.gov

SB-8-7

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☒ **Verification Only of Fill and Seal**

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
Wood		

Latitude / Longitude (see instructions) _____ N _____ W
Format Code: ☐ DD ☐ DDM
Method Code: ☐ GPS008 ☐ SCR002 ☐ OTH001

¼ / ¼ or Gov't Lot #	¼	Section	Township	Range
			N	☐ E ☐ W

Well Street Address: 540 E. Grand Ave.

Well City, Village or Town	Well ZIP Code
Wis Rapids	

Subdivision Name: _____ Lot #: _____

Reason for Removal from Service: Soil Boring
WI Unique Well # of Replacement Well: _____

2. Facility / Owner Information

Facility Name: City of Wisconsin Rapids- Grand Ave.
Facility ID (FID or PWS): _____
License/Permit/Monitoring #: _____
Original Well Owner: _____
Present Well Owner: _____
Mailing Address of Present Owner: _____
City of Present Owner: _____ State: _____ ZIP Code: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): _____
If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	2.25

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.25	

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☐ No	☒ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☒ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☒ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite Chips	Surface	12	1/3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
Probe Technologies, Inc.		05/15/2018

Street or Route	Telephone Number
7781 Pathfinder Lane	(262) 470-4768

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
West Bend	WI	53090	Daniel Bendorf	6/18/18

DNR Use Only

Date Received	Noted By

Comments:

APPENDIX B
LABORATORY REPORTS

CT LABORATORIES
delivering more than data from your environmental analyses

CT Laboratories LLC • 1230 Lange Ct • Baraboo, WI 53913
608-356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

STRAND ASSOCIATES
STEVE SMALL
910 W WINGRA DR
MADISON, WI 53715

Project Name: WIS RAPIDS - E GRAND AVE
Project Phase:
Contract #: 2418
Project #: 3860.004
Folder #: 136158
Purchase Order #:

Arrival Temperature: See COC
Report Date: 06/05/2018
Date Received: 05/16/2018
Reprint Date: 06/05/2018

CT LAB Sample#: 120735 Sample Description: SB-3-1 10'-12' Sampled: 05/14/2018 1431

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**95.5**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Metals Results										
Lead	**0.50**	mg/kg	0.081	0.27	1		05/17/2018 12:33	05/21/2018 21:38	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.028	mg/kg	0.028	0.091	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.024	mg/kg	0.024	0.080	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.022	0.071	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.016	0.051	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,1-Dichloroethane	<0.025	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,1-Dichloroethene	<0.026	mg/kg	0.026	0.085	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.011	0.037	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.022	0.071	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.022	mg/kg	0.022	0.072	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.030	mg/kg	0.030	0.11	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120735 Sample Description: SB-3-1 10'-12' Sampled: 05/14/2018 1431

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,4-Trimethylbenzene	<0.026	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.040	mg/kg	0.040	0.13	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,2-Dibromoethane	<0.023	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.029	mg/kg	0.029	0.094	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,2-Dichloroethane	<0.023	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.012	0.040	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.027	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,3-Dichloropropane	<0.030	mg/kg	0.030	0.099	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.027	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
2,2-Dichloropropane	<0.018	mg/kg	0.018	0.060	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
2-Butanone	<0.090	mg/kg	0.089	0.30	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
2-Chlorotoluene	<0.026	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
2-Hexanone	<0.11	mg/kg	0.11	0.37	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
4-Chlorotoluene	<0.026	mg/kg	0.026	0.085	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.070	mg/kg	0.069	0.22	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Acetone	<0.28	mg/kg	0.28	0.94	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Benzene	<0.0050	mg/kg	0.0049	0.017	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Bromobenzene	<0.030	mg/kg	0.030	0.11	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.0099	0.034	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Bromodichloromethane	<0.016	mg/kg	0.016	0.052	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Bromoform	<0.018	mg/kg	0.018	0.059	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Bromomethane	<0.040	mg/kg	0.040	0.14	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Carbon disulfide	<0.080	mg/kg	0.079	0.26	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Carbon tetrachloride	<0.022	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120735 Sample Description: SB-3-1 10'-12' Sampled: 05/14/2018 1431

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Chlorobenzene	<0.023	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Chloroethane	<0.060	mg/kg	0.059	0.21	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Chloroform	<0.021	mg/kg	0.021	0.068	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Chloromethane	<0.050	mg/kg	0.049	0.17	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.027	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.019	mg/kg	0.019	0.061	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Dibromochloromethane	<0.018	mg/kg	0.018	0.060	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.012	0.039	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Dichlorodifluoromethane	<0.040	mg/kg	0.040	0.14	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Diisopropyl ether	<0.030	mg/kg	0.030	0.099	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Ethylbenzene	<0.021	mg/kg	0.021	0.069	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Hexachlorobutadiene	<0.028	mg/kg	0.028	0.093	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Isopropylbenzene	<0.025	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
m & p-Xylene	<0.027	mg/kg	0.027	0.088	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Methyl tert-butyl ether	<0.024	mg/kg	0.024	0.080	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Methylene chloride	<0.030	mg/kg	0.030	0.099	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
n-Butylbenzene	<0.026	mg/kg	0.026	0.085	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
n-Propylbenzene	<0.026	mg/kg	0.026	0.084	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Naphthalene	<0.029	mg/kg	0.029	0.096	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
o-Xylene	<0.024	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
p-Isopropyltoluene	<0.022	mg/kg	0.022	0.072	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
sec-Butylbenzene	<0.028	mg/kg	0.028	0.091	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Styrene	<0.029	mg/kg	0.029	0.095	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
tert-Butylbenzene	<0.025	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.013	0.043	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120735 Sample Description: SB-3-1 10'-12' Sampled: 05/14/2018 1431

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Tetrahydrofuran	<0.14	mg/kg	0.14	0.46	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.013	0.044	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.0099	0.033	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.023	mg/kg	0.023	0.074	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Trichloroethene	<0.015	mg/kg	0.015	0.048	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Trichlorofluoromethane	<0.040	mg/kg	0.040	0.13	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.0099	0.032	1		05/17/2018 09:38	05/20/2018 13:39	RLD	EPA 8260C

CT LAB Sample#: 120736 Sample Description: SB-3-2 10'-12' Sampled: 05/14/2018 1456

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**95.3**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Metals Results										
Lead	**1.2**	mg/kg	0.078	0.26	1		05/17/2018 12:33	05/21/2018 22:07	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.028	mg/kg	0.028	0.091	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.024	mg/kg	0.024	0.080	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.022	0.071	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.016	0.052	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,1-Dichloroethane	<0.025	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,1-Dichloroethene	<0.026	mg/kg	0.026	0.085	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.011	0.037	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.022	0.071	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120736 Sample Description: SB-3-2 10'-12' Sampled: 05/14/2018 1456

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,3-Trichloropropane	<0.022	mg/kg	0.022	0.072	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.030	mg/kg	0.030	0.11	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.026	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.040	mg/kg	0.040	0.13	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,2-Dibromoethane	<0.023	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.029	mg/kg	0.029	0.094	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,2-Dichloroethane	<0.023	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.012	0.040	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.027	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,3-Dichloropropane	<0.030	mg/kg	0.030	0.099	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.027	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
2,2-Dichloropropane	<0.018	mg/kg	0.018	0.060	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
2-Butanone	<0.090	mg/kg	0.089	0.30	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
2-Chlorotoluene	<0.026	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
2-Hexanone	<0.11	mg/kg	0.11	0.37	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
4-Chlorotoluene	<0.026	mg/kg	0.026	0.085	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.070	mg/kg	0.069	0.22	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Acetone	<0.28	mg/kg	0.28	0.94	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Benzene	<0.0050	mg/kg	0.0050	0.017	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Bromobenzene	<0.030	mg/kg	0.030	0.11	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.0099	0.034	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Bromodichloromethane	<0.016	mg/kg	0.016	0.053	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Bromoform	<0.018	mg/kg	0.018	0.060	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Bromomethane	<0.040	mg/kg	0.040	0.14	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120736 Sample Description: SB-3-2 10'-12' Sampled: 05/14/2018 1456

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Carbon disulfide	<0.080	mg/kg	0.079	0.26	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Carbon tetrachloride	<0.022	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Chlorobenzene	<0.023	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Chloroethane	<0.060	mg/kg	0.060	0.21	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Chloroform	<0.021	mg/kg	0.021	0.068	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Chloromethane	<0.050	mg/kg	0.050	0.17	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.027	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.019	mg/kg	0.019	0.061	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Dibromochloromethane	<0.018	mg/kg	0.018	0.060	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.012	0.039	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Dichlorodifluoromethane	<0.040	mg/kg	0.040	0.14	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Diisopropyl ether	<0.030	mg/kg	0.030	0.099	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Ethylbenzene	<0.021	mg/kg	0.021	0.069	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Hexachlorobutadiene	<0.028	mg/kg	0.028	0.093	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Isopropylbenzene	<0.025	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
m & p-Xylene	<0.027	mg/kg	0.027	0.088	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Methyl tert-butyl ether	<0.024	mg/kg	0.024	0.080	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Methylene chloride	<0.030	mg/kg	0.030	0.099	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
n-Butylbenzene	<0.026	mg/kg	0.026	0.085	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
n-Propylbenzene	<0.026	mg/kg	0.026	0.084	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Naphthalene	<0.029	mg/kg	0.029	0.096	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
o-Xylene	<0.024	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
p-Isopropyltoluene	<0.022	mg/kg	0.022	0.072	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
sec-Butylbenzene	<0.028	mg/kg	0.028	0.091	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Styrene	<0.029	mg/kg	0.029	0.095	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120736 Sample Description: SB-3-2 10'-12' Sampled: 05/14/2018 1456

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
tert-Butylbenzene	<0.025	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.013	0.043	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Tetrahydrofuran	<0.14	mg/kg	0.14	0.46	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.013	0.044	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.0099	0.033	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.023	mg/kg	0.023	0.074	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Trichloroethene	<0.015	mg/kg	0.015	0.049	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Trichlorofluoromethane	<0.040	mg/kg	0.040	0.13	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.0099	0.032	1		05/17/2018 09:38	05/20/2018 14:08	RLD	EPA 8260C

CT LAB Sample#: 120737 Sample Description: SB-9-1 10'-12' Sampled: 05/14/2018 1325

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**96.0**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Metals Results										
Lead	**0.60**	mg/kg	0.081	0.27	1		05/17/2018 12:33	05/21/2018 22:14	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.030	mg/kg	0.030	0.099	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.024	mg/kg	0.024	0.077	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.017	mg/kg	0.017	0.056	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,1-Dichloroethane	<0.027	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,1-Dichloroethene	<0.028	mg/kg	0.028	0.092	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120737 Sample Description: SB-9-1 10'-12' Sampled: 05/14/2018 1325

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,1-Dichloropropene	<0.012	mg/kg	0.012	0.040	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.024	mg/kg	0.024	0.077	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.024	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.032	mg/kg	0.032	0.12	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.028	mg/kg	0.028	0.093	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.043	mg/kg	0.043	0.14	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,2-Dibromoethane	<0.025	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.031	mg/kg	0.031	0.10	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,2-Dichloroethane	<0.025	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	mg/kg	0.013	0.043	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.024	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.029	mg/kg	0.029	0.098	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,3-Dichloropropane	<0.032	mg/kg	0.032	0.11	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.029	mg/kg	0.029	0.098	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
2,2-Dichloropropane	<0.019	mg/kg	0.019	0.065	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
2-Butanone	<0.096	mg/kg	0.096	0.32	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
2-Chlorotoluene	<0.028	mg/kg	0.028	0.093	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
2-Hexanone	<0.12	mg/kg	0.12	0.40	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
4-Chlorotoluene	<0.028	mg/kg	0.028	0.092	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.075	mg/kg	0.075	0.24	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Acetone	<0.30	mg/kg	0.30	1.0	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Benzene	<0.0054	mg/kg	0.0054	0.018	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Bromobenzene	<0.032	mg/kg	0.032	0.12	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Bromochloromethane	<0.011	mg/kg	0.011	0.036	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Bromodichloromethane	<0.017	mg/kg	0.017	0.057	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120737 Sample Description: SB-9-1 10'-12' Sampled: 05/14/2018 1325

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Bromoform	<0.019	mg/kg	0.019	0.064	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Bromomethane	<0.043	mg/kg	0.043	0.15	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Carbon disulfide	<0.086	mg/kg	0.086	0.28	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Carbon tetrachloride	<0.024	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Chlorobenzene	<0.025	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Chloroethane	<0.064	mg/kg	0.064	0.23	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Chloroform	<0.023	mg/kg	0.023	0.074	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Chloromethane	<0.054	mg/kg	0.054	0.18	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.029	mg/kg	0.029	0.096	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.020	mg/kg	0.020	0.066	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Dibromochloromethane	<0.019	mg/kg	0.019	0.065	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Dibromomethane	<0.013	mg/kg	0.013	0.042	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Dichlorodifluoromethane	<0.043	mg/kg	0.043	0.15	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Diisopropyl ether	<0.032	mg/kg	0.032	0.11	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Ethylbenzene	<0.023	mg/kg	0.023	0.075	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Hexachlorobutadiene	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Isopropylbenzene	<0.027	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
m & p-Xylene	<0.029	mg/kg	0.029	0.095	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Methyl tert-butyl ether	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Methylene chloride	<0.032	mg/kg	0.032	0.11	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
n-Butylbenzene	<0.028	mg/kg	0.028	0.092	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
n-Propylbenzene	<0.028	mg/kg	0.028	0.091	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Naphthalene	<0.031	mg/kg	0.031	0.10	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
o-Xylene	<0.026	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
p-Isopropyltoluene	<0.024	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120737 Sample Description: SB-9-1 10'-12' Sampled: 05/14/2018 1325

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
sec-Butylbenzene	<0.030	mg/kg	0.030	0.099	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Styrene	<0.031	mg/kg	0.031	0.10	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
tert-Butylbenzene	<0.027	mg/kg	0.027	0.088	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Tetrachloroethene	<0.014	mg/kg	0.014	0.046	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Tetrahydrofuran	<0.15	mg/kg	0.15	0.49	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Toluene	<0.014	mg/kg	0.014	0.047	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.011	mg/kg	0.011	0.035	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.025	mg/kg	0.025	0.080	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Trichloroethene	<0.016	mg/kg	0.016	0.053	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Trichlorofluoromethane	<0.043	mg/kg	0.043	0.14	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C
Vinyl chloride	<0.011	mg/kg	0.011	0.034	1		05/17/2018 09:38	05/20/2018 14:36	RLD	EPA 8260C

CT LAB Sample#: 120738 Sample Description: SB-3 COMP Sampled: 05/14/2018 1500

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
TCLP 1,1-Dichloroethene	<0.040	mg/L	0.040	0.15	100		05/19/2018 10:00	05/24/2018 16:17	AGK	EPA 8260C
TCLP 1,2-Dichloroethane	<0.026	mg/L	0.026	0.087	100		05/19/2018 10:00	05/24/2018 16:17	AGK	EPA 8260C
TCLP 2-Butanone	<0.40	mg/L	0.40	1.4	100		05/19/2018 10:00	05/24/2018 16:17	AGK	EPA 8260C
TCLP Benzene	<0.024	mg/L	0.024	0.081	100		05/19/2018 10:00	05/24/2018 16:17	AGK	EPA 8260C
TCLP Carbon tetrachloride	<0.050	mg/L	0.050	0.16	100		05/19/2018 10:00	05/24/2018 16:17	AGK	EPA 8260C
TCLP Chlorobenzene	<0.050	mg/L	0.050	0.15	100		05/19/2018 10:00	05/24/2018 16:17	AGK	EPA 8260C
TCLP Chloroform	<0.030	mg/L	0.030	0.090	100		05/19/2018 10:00	05/24/2018 16:17	AGK	EPA 8260C
TCLP Tetrachloroethene	<0.050	mg/L	0.050	0.18	100		05/19/2018 10:00	05/24/2018 16:17	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120738 Sample Description: SB-3 COMP Sampled: 05/14/2018 1500

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
TCLP Trichloroethene	<0.030	mg/L	0.030	0.10	100		05/19/2018 10:00	05/24/2018 16:17	AGK	EPA 8260C
TCLP Vinyl chloride	<0.019	mg/L	0.019	0.064	100		05/19/2018 10:00	05/24/2018 16:17	AGK	EPA 8260C

CT LAB Sample#: 120739 Sample Description: SB-9-2 10'-12' Sampled: 05/14/2018 1346

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**95.5**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Metals Results										
Lead	**0.56**	mg/kg	0.081	0.27	1		05/17/2018 12:33	05/21/2018 22:21	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.030	mg/kg	0.030	0.098	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.025	mg/kg	0.025	0.086	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.017	mg/kg	0.017	0.055	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,1-Dichloroethane	<0.026	mg/kg	0.026	0.089	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,1-Dichloroethene	<0.028	mg/kg	0.028	0.091	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,1-Dichloropropene	<0.012	mg/kg	0.012	0.039	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.023	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.023	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.032	mg/kg	0.032	0.12	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.028	mg/kg	0.028	0.092	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.042	mg/kg	0.042	0.14	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,2-Dibromoethane	<0.024	mg/kg	0.024	0.082	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120739 Sample Description: SB-9-2 10'-12' Sampled: 05/14/2018 1346

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dichlorobenzene	<0.031	mg/kg	0.031	0.10	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,2-Dichloroethane	<0.024	mg/kg	0.024	0.083	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	mg/kg	0.013	0.042	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.023	mg/kg	0.023	0.078	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.029	mg/kg	0.029	0.096	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,3-Dichloropropane	<0.032	mg/kg	0.032	0.11	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.029	mg/kg	0.029	0.096	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
2,2-Dichloropropane	<0.019	mg/kg	0.019	0.065	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
2-Butanone	<0.095	mg/kg	0.095	0.32	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
2-Chlorotoluene	<0.028	mg/kg	0.028	0.092	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
2-Hexanone	<0.12	mg/kg	0.12	0.39	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
4-Chlorotoluene	<0.028	mg/kg	0.028	0.091	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.074	mg/kg	0.074	0.23	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Acetone	<0.30	mg/kg	0.30	1.0	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Benzene	<0.0053	mg/kg	0.0053	0.018	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Bromobenzene	<0.032	mg/kg	0.032	0.12	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Bromochloromethane	<0.011	mg/kg	0.011	0.036	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Bromodichloromethane	<0.017	mg/kg	0.017	0.056	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Bromoform	<0.019	mg/kg	0.019	0.064	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Bromomethane	<0.042	mg/kg	0.042	0.15	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Carbon disulfide	<0.085	mg/kg	0.085	0.28	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Carbon tetrachloride	<0.023	mg/kg	0.023	0.078	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Chlorobenzene	<0.024	mg/kg	0.024	0.083	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Chloroethane	<0.064	mg/kg	0.064	0.22	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Chloroform	<0.022	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120739 Sample Description: SB-9-2 10'-12' Sampled: 05/14/2018 1346

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Chloromethane	<0.053	mg/kg	0.053	0.18	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.029	mg/kg	0.029	0.095	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.020	mg/kg	0.020	0.066	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Dibromochloromethane	<0.019	mg/kg	0.019	0.065	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Dibromomethane	<0.013	mg/kg	0.013	0.041	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Dichlorodifluoromethane	<0.042	mg/kg	0.042	0.15	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Diisopropyl ether	<0.032	mg/kg	0.032	0.11	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Ethylbenzene	<0.022	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Hexachlorobutadiene	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Isopropylbenzene	<0.026	mg/kg	0.026	0.088	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
m & p-Xylene	<0.029	mg/kg	0.029	0.094	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Methyl tert-butyl ether	<0.025	mg/kg	0.025	0.086	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Methylene chloride	<0.032	mg/kg	0.032	0.11	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
n-Butylbenzene	<0.028	mg/kg	0.028	0.091	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
n-Propylbenzene	<0.028	mg/kg	0.028	0.090	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Naphthalene	<0.031	mg/kg	0.031	0.10	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
o-Xylene	<0.025	mg/kg	0.025	0.085	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
p-Isopropyltoluene	<0.023	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
sec-Butylbenzene	<0.030	mg/kg	0.030	0.098	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Styrene	<0.031	mg/kg	0.031	0.10	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
tert-Butylbenzene	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Tetrachloroethene	<0.014	mg/kg	0.014	0.046	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Tetrahydrofuran	<0.15	mg/kg	0.15	0.49	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Toluene	<0.014	mg/kg	0.014	0.047	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.011	mg/kg	0.011	0.035	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120739 Sample Description: SB-9-2 10'-12' Sampled: 05/14/2018 1346

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
trans-1,3-Dichloropropene	<0.024	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Trichloroethene	<0.016	mg/kg	0.016	0.052	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Trichlorofluoromethane	<0.042	mg/kg	0.042	0.14	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C
Vinyl chloride	<0.011	mg/kg	0.011	0.034	1		05/17/2018 09:38	05/20/2018 15:05	RLD	EPA 8260C

CT LAB Sample#: 120740 Sample Description: SB-9 COMP Sampled: 05/14/2018 1350

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
TCLP 1,1-Dichloroethene	<0.040	mg/L	0.040	0.15	100		05/19/2018 10:00	05/24/2018 16:47	AGK	EPA 8260C
TCLP 1,2-Dichloroethane	<0.026	mg/L	0.026	0.087	100		05/19/2018 10:00	05/24/2018 16:47	AGK	EPA 8260C
TCLP 2-Butanone	<0.40	mg/L	0.40	1.4	100		05/19/2018 10:00	05/24/2018 16:47	AGK	EPA 8260C
TCLP Benzene	<0.024	mg/L	0.024	0.081	100		05/19/2018 10:00	05/24/2018 16:47	AGK	EPA 8260C
TCLP Carbon tetrachloride	<0.050	mg/L	0.050	0.16	100		05/19/2018 10:00	05/24/2018 16:47	AGK	EPA 8260C
TCLP Chlorobenzene	<0.050	mg/L	0.050	0.15	100		05/19/2018 10:00	05/24/2018 16:47	AGK	EPA 8260C
TCLP Chloroform	<0.030	mg/L	0.030	0.090	100		05/19/2018 10:00	05/24/2018 16:47	AGK	EPA 8260C
TCLP Tetrachloroethene	<0.050	mg/L	0.050	0.18	100		05/19/2018 10:00	05/24/2018 16:47	AGK	EPA 8260C
TCLP Trichloroethene	<0.030	mg/L	0.030	0.10	100		05/19/2018 10:00	05/24/2018 16:47	AGK	EPA 8260C
TCLP Vinyl chloride	<0.019	mg/L	0.019	0.064	100		05/19/2018 10:00	05/24/2018 16:47	AGK	EPA 8260C

CT LAB Sample#: 120741 Sample Description: SB-19-1 6'-8' Sampled: 05/14/2018 1621

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120741 Sample Description: SB-19-1 6'-8' Sampled: 05/14/2018 1621

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Solids, Percent	**91.3**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Metals Results										
Lead	**4.2**	mg/kg	0.083	0.28	1		05/17/2018 12:33	05/21/2018 22:29	NAH	EPA 6010C
Organic Results										
1,2,4-Trimethylbenzene	**14.8**	mg/kg	0.16	0.34	10	M	05/29/2018 10:00	05/30/2018 22:29	DGS	EPA 8021B
1,3,5-Trimethylbenzene	**4.73**	mg/kg	0.080	0.18	5		05/29/2018 10:00	05/30/2018 21:54	DGS	EPA 8021B
Benzene	**1.53**	mg/kg	0.060	0.19	5		05/29/2018 10:00	05/30/2018 21:54	DGS	EPA 8021B
Ethylbenzene	**3.55**	mg/kg	0.075	0.19	5		05/29/2018 10:00	05/30/2018 21:54	DGS	EPA 8021B
m & p-Xylene	**16.3**	mg/kg	0.12	0.35	5		05/29/2018 10:00	05/30/2018 21:54	DGS	EPA 8021B
Methyl tert-butyl ether	<0.10	mg/kg	0.10	0.18	5		05/29/2018 10:00	05/30/2018 21:54	DGS	EPA 8021B
o-Xylene	**4.24**	mg/kg	0.085	0.18	5		05/29/2018 10:00	05/30/2018 21:54	DGS	EPA 8021B
Toluene	**1.37**	mg/kg	0.085	0.18	5		05/29/2018 10:00	05/30/2018 21:54	DGS	EPA 8021B

CT LAB Sample#: 120742 Sample Description: SB-19-2 6'-8' Sampled: 05/14/2018 1536

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**91.1**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Metals Results										
Lead	**1.8**	mg/kg	0.086	0.29	1		05/17/2018 12:33	05/21/2018 22:36	NAH	EPA 6010C
Organic Results										
1,2,4-Trimethylbenzene	**12.8**	mg/kg	0.32	0.68	20		05/29/2018 10:00	06/01/2018 11:45	DGS	EPA 8021B
1,3,5-Trimethylbenzene	**1.14**	mg/kg	0.016	0.035	1		05/29/2018 10:00	05/31/2018 00:12	DGS	EPA 8021B

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120742 Sample Description: SB-19-2 6'-8' Sampled: 05/14/2018 1536

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Benzene	**0.864**	mg/kg	0.012	0.037	1		05/29/2018 10:00	05/31/2018 00:12	DGS	EPA 8021B
Ethylbenzene	**1.80**	mg/kg	0.015	0.038	1		05/29/2018 10:00	05/31/2018 00:12	DGS	EPA 8021B
m & p-Xylene	**5.25**	mg/kg	0.024	0.069	1		05/29/2018 10:00	05/31/2018 00:12	DGS	EPA 8021B
Methyl tert-butyl ether	<0.020	mg/kg	0.020	0.035	1		05/29/2018 10:00	05/31/2018 00:12	DGS	EPA 8021B
o-Xylene	**1.93**	mg/kg	0.017	0.036	1		05/29/2018 10:00	05/31/2018 00:12	DGS	EPA 8021B
Toluene	**0.797**	mg/kg	0.017	0.036	1		05/29/2018 10:00	05/31/2018 00:12	DGS	EPA 8021B

CT LAB Sample#: 120743 Sample Description: SB-19-2 6'-8' Sampled: 05/14/2018 1536

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
TCLP 1,1-Dichloroethene	<0.040	mg/L	0.040	0.15	100		05/19/2018 10:00	05/24/2018 17:16	AGK	EPA 8260C
TCLP 1,2-Dichloroethane	<0.026	mg/L	0.026	0.087	100		05/19/2018 10:00	05/24/2018 17:16	AGK	EPA 8260C
TCLP 2-Butanone	<0.40	mg/L	0.40	1.4	100		05/19/2018 10:00	05/24/2018 17:16	AGK	EPA 8260C
TCLP Benzene	<0.024	mg/L	0.024	0.081	100		05/19/2018 10:00	05/24/2018 17:16	AGK	EPA 8260C
TCLP Carbon tetrachloride	<0.050	mg/L	0.050	0.16	100		05/19/2018 10:00	05/24/2018 17:16	AGK	EPA 8260C
TCLP Chlorobenzene	<0.050	mg/L	0.050	0.15	100		05/19/2018 10:00	05/24/2018 17:16	AGK	EPA 8260C
TCLP Chloroform	<0.030	mg/L	0.030	0.090	100		05/19/2018 10:00	05/24/2018 17:16	AGK	EPA 8260C
TCLP Tetrachloroethene	<0.050	mg/L	0.050	0.18	100		05/19/2018 10:00	05/24/2018 17:16	AGK	EPA 8260C
TCLP Trichloroethene	<0.030	mg/L	0.030	0.10	100		05/19/2018 10:00	05/24/2018 17:16	AGK	EPA 8260C
TCLP Vinyl chloride	<0.019	mg/L	0.019	0.064	100		05/19/2018 10:00	05/24/2018 17:16	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120744 Sample Description: SB-19 Sampled: 05/14/2018 1600

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,2,4-Trimethylbenzene	**8700**	ug/L	100	330	250			05/28/2018 15:15	DGS	EPA 8021B
1,3,5-Trimethylbenzene	**410**	ug/L	100	350	250			05/28/2018 15:15	DGS	EPA 8021B
Benzene	**800**	ug/L	100	330	250			05/28/2018 15:15	DGS	EPA 8021B
Ethylbenzene	**1600**	ug/L	100	350	250			05/28/2018 15:15	DGS	EPA 8021B
m & p-Xylene	**5500**	ug/L	200	700	250			05/28/2018 15:15	DGS	EPA 8021B
Methyl tert-butyl ether	<100	ug/L	100	330	250			05/28/2018 15:15	DGS	EPA 8021B
o-Xylene	**2200**	ug/L	100	350	250			05/28/2018 15:15	DGS	EPA 8021B
Toluene	**8100**	ug/L	100	350	250			05/28/2018 15:15	DGS	EPA 8021B

CT LAB Sample#: 120745 Sample Description: SB-23-1 8'-10' Sampled: 05/14/2018 1020

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**95.0**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Metals Results										
Lead	**0.87**	mg/kg	0.079	0.26	1		05/17/2018 12:33	05/21/2018 22:43	NAH	EPA 6010C
Organic Results										
1,2,4-Trimethylbenzene	<0.016	mg/kg	0.016	0.034	1		05/29/2018 10:00	05/29/2018 18:51	DGS	EPA 8021B
1,3,5-Trimethylbenzene	<0.016	mg/kg	0.016	0.035	1		05/29/2018 10:00	05/29/2018 18:51	DGS	EPA 8021B
Benzene	<0.012	mg/kg	0.012	0.037	1		05/29/2018 10:00	05/29/2018 18:51	DGS	EPA 8021B
Ethylbenzene	<0.015	mg/kg	0.015	0.038	1		05/29/2018 10:00	05/29/2018 18:51	DGS	EPA 8021B
m & p-Xylene	<0.024	mg/kg	0.024	0.069	1		05/29/2018 10:00	05/29/2018 18:51	DGS	EPA 8021B

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120745 Sample Description: SB-23-1 8'-10' Sampled: 05/14/2018 1020

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Methyl tert-butyl ether	<0.020	mg/kg	0.020	0.035	1		05/29/2018 10:00	05/29/2018 18:51	DGS	EPA 8021B
o-Xylene	<0.017	mg/kg	0.017	0.036	1		05/29/2018 10:00	05/29/2018 18:51	DGS	EPA 8021B
Toluene	<0.017	mg/kg	0.017	0.036	1		05/29/2018 10:00	05/29/2018 18:51	DGS	EPA 8021B

CT LAB Sample#: 120746 Sample Description: SB-23-2 8'-10' Sampled: 05/14/2018 1050

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**95.6**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Metals Results										
Lead	**0.69**	mg/kg	0.079	0.27	1		05/17/2018 12:33	05/21/2018 23:12	NAH	EPA 6010C
Organic Results										
1,2,4-Trimethylbenzene	<0.016	mg/kg	0.016	0.034	1		05/29/2018 10:00	05/29/2018 19:26	DGS	EPA 8021B
1,3,5-Trimethylbenzene	<0.016	mg/kg	0.016	0.035	1		05/29/2018 10:00	05/29/2018 19:26	DGS	EPA 8021B
Benzene	<0.012	mg/kg	0.012	0.037	1		05/29/2018 10:00	05/29/2018 19:26	DGS	EPA 8021B
Ethylbenzene	<0.015	mg/kg	0.015	0.038	1		05/29/2018 10:00	05/29/2018 19:26	DGS	EPA 8021B
m & p-Xylene	<0.024	mg/kg	0.024	0.069	1		05/29/2018 10:00	05/29/2018 19:26	DGS	EPA 8021B
Methyl tert-butyl ether	<0.020	mg/kg	0.020	0.035	1		05/29/2018 10:00	05/29/2018 19:26	DGS	EPA 8021B
o-Xylene	<0.017	mg/kg	0.017	0.036	1		05/29/2018 10:00	05/29/2018 19:26	DGS	EPA 8021B
Toluene	<0.017	mg/kg	0.017	0.036	1		05/29/2018 10:00	05/29/2018 19:26	DGS	EPA 8021B

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120747 Sample Description: SB-23-3 8'-10' Sampled: 05/14/2018 1135

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**96.9**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Metals Results										
Lead	**0.88**	mg/kg	0.075	0.25	1		05/17/2018 12:33	05/21/2018 23:20	NAH	EPA 6010C
Organic Results										
1,2,4-Trimethylbenzene	<0.016	mg/kg	0.016	0.034	1		05/29/2018 10:00	05/29/2018 20:01	DGS	EPA 8021B
1,3,5-Trimethylbenzene	<0.016	mg/kg	0.016	0.035	1		05/29/2018 10:00	05/29/2018 20:01	DGS	EPA 8021B
Benzene	<0.012	mg/kg	0.012	0.037	1		05/29/2018 10:00	05/29/2018 20:01	DGS	EPA 8021B
Ethylbenzene	<0.015	mg/kg	0.015	0.038	1		05/29/2018 10:00	05/29/2018 20:01	DGS	EPA 8021B
m & p-Xylene	<0.024	mg/kg	0.024	0.069	1		05/29/2018 10:00	05/29/2018 20:01	DGS	EPA 8021B
Methyl tert-butyl ether	<0.020	mg/kg	0.020	0.035	1		05/29/2018 10:00	05/29/2018 20:01	DGS	EPA 8021B
o-Xylene	<0.017	mg/kg	0.017	0.036	1		05/29/2018 10:00	05/29/2018 20:01	DGS	EPA 8021B
Toluene	<0.017	mg/kg	0.017	0.036	1		05/29/2018 10:00	05/29/2018 20:01	DGS	EPA 8021B

CT LAB Sample#: 120748 Sample Description: SB-23-3 14'-15' Sampled: 05/14/2018 1150

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**94.9**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Metals Results										
Lead	**0.45**	mg/kg	0.077	0.26	1		05/17/2018 12:33	05/21/2018 23:27	NAH	EPA 6010C
Organic Results										

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120748 Sample Description: SB-23-3 14'-15' Sampled: 05/14/2018 1150

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,4-Trimethylbenzene	<0.016	mg/kg	0.016	0.034	1		05/29/2018 10:00	05/29/2018 20:35	DGS	EPA 8021B
1,3,5-Trimethylbenzene	<0.016	mg/kg	0.016	0.035	1		05/29/2018 10:00	05/29/2018 20:35	DGS	EPA 8021B
Benzene	<0.012	mg/kg	0.012	0.037	1		05/29/2018 10:00	05/29/2018 20:35	DGS	EPA 8021B
Ethylbenzene	<0.015	mg/kg	0.015	0.038	1		05/29/2018 10:00	05/29/2018 20:35	DGS	EPA 8021B
m & p-Xylene	<0.024	mg/kg	0.024	0.069	1		05/29/2018 10:00	05/29/2018 20:35	DGS	EPA 8021B
Methyl tert-butyl ether	<0.020	mg/kg	0.020	0.035	1		05/29/2018 10:00	05/29/2018 20:35	DGS	EPA 8021B
o-Xylene	<0.017	mg/kg	0.017	0.036	1		05/29/2018 10:00	05/29/2018 20:35	DGS	EPA 8021B
Toluene	<0.017	mg/kg	0.017	0.036	1		05/29/2018 10:00	05/29/2018 20:35	DGS	EPA 8021B

CT LAB Sample#: 120749 Sample Description: SB-23 COMP Sampled: 05/14/2018 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
TCLP 1,1-Dichloroethene	<0.040	mg/L	0.040	0.15	100		05/19/2018 10:00	05/24/2018 17:46	AGK	EPA 8260C
TCLP 1,2-Dichloroethane	<0.026	mg/L	0.026	0.087	100		05/19/2018 10:00	05/24/2018 17:46	AGK	EPA 8260C
TCLP 2-Butanone	<0.40	mg/L	0.40	1.4	100		05/19/2018 10:00	05/24/2018 17:46	AGK	EPA 8260C
TCLP Benzene	<0.024	mg/L	0.024	0.081	100		05/19/2018 10:00	05/24/2018 17:46	AGK	EPA 8260C
TCLP Carbon tetrachloride	<0.050	mg/L	0.050	0.16	100		05/19/2018 10:00	05/24/2018 17:46	AGK	EPA 8260C
TCLP Chlorobenzene	<0.050	mg/L	0.050	0.15	100		05/19/2018 10:00	05/24/2018 17:46	AGK	EPA 8260C
TCLP Chloroform	<0.030	mg/L	0.030	0.090	100		05/19/2018 10:00	05/24/2018 17:46	AGK	EPA 8260C
TCLP Tetrachloroethene	<0.050	mg/L	0.050	0.18	100		05/19/2018 10:00	05/24/2018 17:46	AGK	EPA 8260C
TCLP Trichloroethene	<0.030	mg/L	0.030	0.10	100		05/19/2018 10:00	05/24/2018 17:46	AGK	EPA 8260C
TCLP Vinyl chloride	<0.019	mg/L	0.019	0.064	100		05/19/2018 10:00	05/24/2018 17:46	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120750 Sample Description: SB-8-1 4'-6' Sampled: 05/15/2018 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**96.3**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.028	mg/kg	0.028	0.093	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.024	mg/kg	0.024	0.082	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.016	0.053	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,1-Dichloroethane	<0.025	mg/kg	0.025	0.085	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,1-Dichloroethene	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.011	0.038	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.022	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.030	mg/kg	0.030	0.11	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.026	mg/kg	0.026	0.088	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.041	mg/kg	0.041	0.13	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,2-Dibromoethane	<0.023	mg/kg	0.023	0.078	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.029	mg/kg	0.029	0.096	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,2-Dichloroethane	<0.023	mg/kg	0.023	0.079	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.012	0.041	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.022	0.075	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.027	mg/kg	0.027	0.092	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,3-Dichloropropane	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.027	mg/kg	0.027	0.092	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
2,2-Dichloropropane	<0.018	mg/kg	0.018	0.062	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120750 Sample Description: SB-8-1 4'-6' Sampled: 05/15/2018 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Butanone	<0.091	mg/kg	0.091	0.30	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
2-Chlorotoluene	<0.026	mg/kg	0.026	0.088	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
2-Hexanone	<0.11	mg/kg	0.11	0.38	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
4-Chlorotoluene	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.071	mg/kg	0.071	0.22	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Acetone	<0.28	mg/kg	0.28	0.96	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Benzene	<0.0051	mg/kg	0.0051	0.017	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Bromobenzene	<0.030	mg/kg	0.030	0.11	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.010	0.034	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Bromodichloromethane	<0.016	mg/kg	0.016	0.054	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Bromoform	<0.018	mg/kg	0.018	0.061	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Bromomethane	<0.041	mg/kg	0.041	0.14	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Carbon disulfide	<0.081	mg/kg	0.081	0.26	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Carbon tetrachloride	<0.022	mg/kg	0.022	0.075	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Chlorobenzene	<0.023	mg/kg	0.023	0.079	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Chloroethane	<0.061	mg/kg	0.061	0.21	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Chloroform	<0.021	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Chloromethane	<0.051	mg/kg	0.051	0.17	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.027	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.019	mg/kg	0.019	0.063	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Dibromochloromethane	<0.018	mg/kg	0.018	0.062	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.012	0.040	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Dichlorodifluoromethane	<0.041	mg/kg	0.041	0.14	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Diisopropyl ether	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Ethylbenzene	<0.021	mg/kg	0.021	0.071	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120750 Sample Description: SB-8-1 4'-6' Sampled: 05/15/2018 1055

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Hexachlorobutadiene	<0.028	mg/kg	0.028	0.095	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Isopropylbenzene	<0.025	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
m & p-Xylene	<0.027	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Methyl tert-butyl ether	<0.024	mg/kg	0.024	0.082	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Methylene chloride	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
n-Butylbenzene	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
n-Propylbenzene	<0.026	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Naphthalene	<0.029	mg/kg	0.029	0.098	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
o-Xylene	<0.024	mg/kg	0.024	0.081	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
p-Isopropyltoluene	<0.022	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
sec-Butylbenzene	<0.028	mg/kg	0.028	0.093	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Styrene	<0.029	mg/kg	0.029	0.097	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
tert-Butylbenzene	<0.025	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.013	0.044	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Tetrahydrofuran	<0.14	mg/kg	0.14	0.47	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.013	0.045	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.010	0.033	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.023	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Trichloroethene	<0.015	mg/kg	0.015	0.050	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Trichlorofluoromethane	<0.041	mg/kg	0.041	0.13	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.010	0.032	1		05/17/2018 09:38	05/20/2018 15:33	RLD	EPA 8260C

CT LAB Sample#: 120751 Sample Description: SB-8-1 10'-12' Sampled: 05/15/2018 1101

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120751 Sample Description: SB-8-1 10'-12' Sampled: 05/15/2018 1101

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**95.5**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.028	mg/kg	0.027	0.087	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.024	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.021	0.068	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.015	0.049	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,1-Dichloroethane	<0.025	mg/kg	0.024	0.080	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,1-Dichloroethene	<0.026	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.010	0.035	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.021	0.068	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.022	mg/kg	0.021	0.069	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.030	mg/kg	0.028	0.10	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.026	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.040	mg/kg	0.038	0.12	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,2-Dibromoethane	<0.023	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.029	mg/kg	0.028	0.090	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,2-Dichloroethane	<0.023	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.011	0.038	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.027	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,3-Dichloropropane	<0.030	mg/kg	0.028	0.095	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.027	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
2,2-Dichloropropane	<0.018	mg/kg	0.017	0.058	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
2-Butanone	<0.090	mg/kg	0.085	0.28	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120751 Sample Description: SB-8-1 10'-12' Sampled: 05/15/2018 1101

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Chlorotoluene	<0.026	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
2-Hexanone	<0.11	mg/kg	0.10	0.35	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
4-Chlorotoluene	<0.026	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.070	mg/kg	0.066	0.21	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Acetone	<0.28	mg/kg	0.27	0.90	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Benzene	<0.0050	mg/kg	0.0047	0.016	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Bromobenzene	<0.030	mg/kg	0.028	0.10	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.0095	0.032	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Bromodichloromethane	<0.016	mg/kg	0.015	0.050	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Bromoform	<0.018	mg/kg	0.017	0.057	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Bromomethane	<0.040	mg/kg	0.038	0.13	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Carbon disulfide	<0.080	mg/kg	0.076	0.25	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Carbon tetrachloride	<0.022	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Chlorobenzene	<0.023	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Chloroethane	<0.060	mg/kg	0.057	0.20	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Chloroform	<0.021	mg/kg	0.020	0.065	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Chloromethane	<0.050	mg/kg	0.047	0.16	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.027	mg/kg	0.026	0.085	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.019	mg/kg	0.018	0.059	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Dibromochloromethane	<0.018	mg/kg	0.017	0.058	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.011	0.037	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Dichlorodifluoromethane	<0.040	mg/kg	0.038	0.13	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Diisopropyl ether	<0.030	mg/kg	0.028	0.095	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Ethylbenzene	<0.021	mg/kg	0.020	0.066	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Hexachlorobutadiene	<0.028	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120751 Sample Description: SB-8-1 10'-12' Sampled: 05/15/2018 1101

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.025	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
m & p-Xylene	<0.027	mg/kg	0.026	0.084	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Methyl tert-butyl ether	<0.024	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Methylene chloride	<0.030	mg/kg	0.028	0.095	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
n-Butylbenzene	<0.026	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
n-Propylbenzene	<0.026	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Naphthalene	<0.029	mg/kg	0.028	0.092	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
o-Xylene	<0.024	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
p-Isopropyltoluene	<0.022	mg/kg	0.021	0.069	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
sec-Butylbenzene	<0.028	mg/kg	0.027	0.087	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Styrene	<0.029	mg/kg	0.028	0.091	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
tert-Butylbenzene	<0.025	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.012	0.041	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Tetrahydrofuran	<0.14	mg/kg	0.13	0.44	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.012	0.042	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.0095	0.031	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.023	mg/kg	0.022	0.071	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Trichloroethene	<0.015	mg/kg	0.014	0.046	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Trichlorofluoromethane	<0.040	mg/kg	0.038	0.12	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.0095	0.030	1		05/17/2018 09:38	05/20/2018 16:02	RLD	EPA 8260C

CT LAB Sample#: 120752 Sample Description: SB-8-2 4'-6' Sampled: 05/15/2018 1020

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Inorganic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120752 Sample Description: SB-8-2 4'-6' Sampled: 05/15/2018 1020

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Solids, Percent	**95.8**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.028	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.024	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.021	0.068	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.015	0.049	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,1-Dichloroethane	<0.025	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,1-Dichloroethene	<0.026	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.010	0.035	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.021	0.068	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.022	mg/kg	0.021	0.069	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.030	mg/kg	0.028	0.10	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.026	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.040	mg/kg	0.038	0.12	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,2-Dibromoethane	<0.023	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.029	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,2-Dichloroethane	<0.023	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.011	0.038	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.027	mg/kg	0.025	0.086	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,3-Dichloropropane	<0.030	mg/kg	0.028	0.094	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.027	mg/kg	0.025	0.086	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
2,2-Dichloropropane	<0.018	mg/kg	0.017	0.058	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
2-Butanone	<0.090	mg/kg	0.085	0.28	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
2-Chlorotoluene	<0.026	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120752 Sample Description: SB-8-2 4'-6' Sampled: 05/15/2018 1020

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Hexanone	<0.11	mg/kg	0.10	0.35	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
4-Chlorotoluene	<0.026	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.070	mg/kg	0.066	0.21	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Acetone	<0.28	mg/kg	0.26	0.90	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Benzene	<0.0050	mg/kg	0.0047	0.016	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Bromobenzene	<0.030	mg/kg	0.028	0.10	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.0094	0.032	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Bromodichloromethane	<0.016	mg/kg	0.015	0.050	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Bromoform	<0.018	mg/kg	0.017	0.057	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Bromomethane	<0.040	mg/kg	0.038	0.13	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Carbon disulfide	<0.080	mg/kg	0.076	0.25	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Carbon tetrachloride	<0.022	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Chlorobenzene	<0.023	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Chloroethane	<0.060	mg/kg	0.057	0.20	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Chloroform	<0.021	mg/kg	0.020	0.065	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Chloromethane	<0.050	mg/kg	0.047	0.16	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.027	mg/kg	0.025	0.085	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.019	mg/kg	0.018	0.059	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Dibromochloromethane	<0.018	mg/kg	0.017	0.058	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.011	0.037	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Dichlorodifluoromethane	<0.040	mg/kg	0.038	0.13	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Diisopropyl ether	<0.030	mg/kg	0.028	0.094	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Ethylbenzene	<0.021	mg/kg	0.020	0.066	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Hexachlorobutadiene	<0.028	mg/kg	0.026	0.089	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Isopropylbenzene	<0.025	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120752 Sample Description: SB-8-2 4'-6' Sampled: 05/15/2018 1020

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
m & p-Xylene	<0.027	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Methyl tert-butyl ether	<0.024	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Methylene chloride	<0.030	mg/kg	0.028	0.094	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
n-Butylbenzene	<0.026	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
n-Propylbenzene	<0.026	mg/kg	0.025	0.080	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Naphthalene	**0.0362**	mg/kg	0.027 *	0.092	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
o-Xylene	<0.024	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
p-Isopropyltoluene	<0.022	mg/kg	0.021	0.069	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
sec-Butylbenzene	<0.028	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Styrene	<0.029	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
tert-Butylbenzene	<0.025	mg/kg	0.024	0.077	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.012	0.041	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Tetrahydrofuran	<0.14	mg/kg	0.13	0.43	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.012	0.042	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.0094	0.031	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.023	mg/kg	0.022	0.071	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Trichloroethene	<0.015	mg/kg	0.014	0.046	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Trichlorofluoromethane	<0.040	mg/kg	0.038	0.12	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.0094	0.030	1		05/17/2018 09:38	05/21/2018 11:47	RLD	EPA 8260C

CT LAB Sample#: 120753 Sample Description: SB-8-2 10'-12' Sampled: 05/15/2018 1026

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Inorganic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120753 Sample Description: SB-8-2 10'-12' Sampled: 05/15/2018 1026

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Solids, Percent	**93.8**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.028	mg/kg	0.028	0.093	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.024	mg/kg	0.024	0.082	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.016	0.052	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,1-Dichloroethane	<0.025	mg/kg	0.025	0.085	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,1-Dichloroethene	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.011	0.037	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.022	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.030	mg/kg	0.030	0.11	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.026	mg/kg	0.026	0.088	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.040	mg/kg	0.040	0.13	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,2-Dibromoethane	<0.023	mg/kg	0.023	0.078	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.029	mg/kg	0.029	0.096	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,2-Dichloroethane	<0.023	mg/kg	0.023	0.079	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.012	0.040	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.022	0.075	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.027	mg/kg	0.027	0.092	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,3-Dichloropropane	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.027	mg/kg	0.027	0.092	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
2,2-Dichloropropane	<0.018	mg/kg	0.018	0.061	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
2-Butanone	<0.091	mg/kg	0.091	0.30	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
2-Chlorotoluene	<0.026	mg/kg	0.026	0.088	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120753 Sample Description: SB-8-2 10'-12' Sampled: 05/15/2018 1026

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Hexanone	<0.11	mg/kg	0.11	0.37	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
4-Chlorotoluene	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.071	mg/kg	0.071	0.22	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Acetone	<0.28	mg/kg	0.28	0.96	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Benzene	<0.0050	mg/kg	0.0050	0.017	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Bromobenzene	<0.030	mg/kg	0.030	0.11	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.010	0.034	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Bromodichloromethane	<0.016	mg/kg	0.016	0.053	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Bromoform	<0.018	mg/kg	0.018	0.060	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Bromomethane	<0.040	mg/kg	0.040	0.14	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Carbon disulfide	<0.081	mg/kg	0.081	0.26	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Carbon tetrachloride	<0.022	mg/kg	0.022	0.075	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Chlorobenzene	<0.023	mg/kg	0.023	0.079	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Chloroethane	<0.060	mg/kg	0.060	0.21	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Chloroform	<0.021	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Chloromethane	<0.050	mg/kg	0.050	0.17	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.027	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.019	mg/kg	0.019	0.062	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Dibromochloromethane	<0.018	mg/kg	0.018	0.061	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.012	0.039	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Dichlorodifluoromethane	<0.040	mg/kg	0.040	0.14	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Diisopropyl ether	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Ethylbenzene	<0.021	mg/kg	0.021	0.071	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Hexachlorobutadiene	<0.028	mg/kg	0.028	0.095	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Isopropylbenzene	<0.025	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120753 Sample Description: SB-8-2 10'-12' Sampled: 05/15/2018 1026

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
m & p-Xylene	<0.027	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Methyl tert-butyl ether	<0.024	mg/kg	0.024	0.082	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Methylene chloride	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
n-Butylbenzene	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
n-Propylbenzene	<0.026	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Naphthalene	<0.029	mg/kg	0.029	0.098	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
o-Xylene	<0.024	mg/kg	0.024	0.081	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
p-Isopropyltoluene	<0.022	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
sec-Butylbenzene	<0.028	mg/kg	0.028	0.093	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Styrene	<0.029	mg/kg	0.029	0.097	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
tert-Butylbenzene	<0.025	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.013	0.043	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Tetrahydrofuran	<0.14	mg/kg	0.14	0.46	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.013	0.044	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.010	0.033	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.023	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Trichloroethene	<0.015	mg/kg	0.015	0.049	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Trichlorofluoromethane	<0.040	mg/kg	0.040	0.13	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.010	0.032	1		05/17/2018 09:38	05/20/2018 16:59	RLD	EPA 8260C

CT LAB Sample#: 120754 Sample Description: SB-8-3 4'-6' Sampled: 05/15/2018 0940

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Inorganic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120754 Sample Description: SB-8-3 4'-6' Sampled: 05/15/2018 0940

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Solids, Percent	**95.5**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.029	mg/kg	0.029	0.095	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.025	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.023	mg/kg	0.023	0.075	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.017	mg/kg	0.017	0.054	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,1-Dichloroethane	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,1-Dichloroethene	<0.027	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.011	0.038	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.023	mg/kg	0.023	0.075	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.023	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.031	mg/kg	0.031	0.11	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.027	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.041	mg/kg	0.041	0.13	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,2-Dibromoethane	<0.024	mg/kg	0.024	0.080	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.030	mg/kg	0.030	0.098	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,2-Dichloroethane	<0.024	mg/kg	0.024	0.081	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.012	0.041	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.023	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.028	mg/kg	0.028	0.094	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,3-Dichloropropane	<0.031	mg/kg	0.031	0.10	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.028	mg/kg	0.028	0.094	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
2,2-Dichloropropane	<0.019	mg/kg	0.019	0.063	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
2-Butanone	<0.093	mg/kg	0.093	0.31	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
2-Chlorotoluene	<0.027	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120754 Sample Description: SB-8-3 4'-6' Sampled: 05/15/2018 0940

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Hexanone	<0.11	mg/kg	0.11	0.38	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
4-Chlorotoluene	<0.027	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.073	mg/kg	0.073	0.23	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Acetone	<0.29	mg/kg	0.29	0.98	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Benzene	<0.0052	mg/kg	0.0052	0.018	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Bromobenzene	<0.031	mg/kg	0.031	0.11	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.010	0.035	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Bromodichloromethane	<0.017	mg/kg	0.017	0.055	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Bromoform	<0.019	mg/kg	0.019	0.062	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Bromomethane	<0.041	mg/kg	0.041	0.15	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Carbon disulfide	<0.083	mg/kg	0.083	0.27	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Carbon tetrachloride	<0.023	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Chlorobenzene	<0.024	mg/kg	0.024	0.081	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Chloroethane	<0.062	mg/kg	0.062	0.22	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Chloroform	<0.022	mg/kg	0.022	0.072	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Chloromethane	<0.052	mg/kg	0.052	0.18	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.028	mg/kg	0.028	0.093	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.020	mg/kg	0.020	0.064	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Dibromochloromethane	<0.019	mg/kg	0.019	0.063	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.012	0.040	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Dichlorodifluoromethane	<0.041	mg/kg	0.041	0.15	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Diisopropyl ether	<0.031	mg/kg	0.031	0.10	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Ethylbenzene	<0.022	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Hexachlorobutadiene	<0.029	mg/kg	0.029	0.097	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Isopropylbenzene	<0.026	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120754 Sample Description: SB-8-3 4'-6' Sampled: 05/15/2018 0940

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
m & p-Xylene	<0.028	mg/kg	0.028	0.092	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Methyl tert-butyl ether	<0.025	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Methylene chloride	<0.031	mg/kg	0.031	0.10	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
n-Butylbenzene	<0.027	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
n-Propylbenzene	<0.027	mg/kg	0.027	0.088	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Naphthalene	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
o-Xylene	<0.025	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
p-Isopropyltoluene	<0.023	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
sec-Butylbenzene	<0.029	mg/kg	0.029	0.095	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Styrene	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
tert-Butylbenzene	<0.026	mg/kg	0.026	0.085	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.013	0.045	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Tetrahydrofuran	<0.15	mg/kg	0.15	0.48	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.013	0.046	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.010	0.034	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.024	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Trichloroethene	<0.016	mg/kg	0.016	0.051	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Trichlorofluoromethane	<0.041	mg/kg	0.041	0.13	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.010	0.033	1		05/17/2018 09:38	05/20/2018 17:27	RLD	EPA 8260C

CT LAB Sample#: 120755 Sample Description: SB-8-3 10'-12' Sampled: 05/15/2018 0946

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Inorganic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120755 Sample Description: SB-8-3 10'-12' Sampled: 05/15/2018 0946

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Solids, Percent	**95.8**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.028	mg/kg	0.026	0.084	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.024	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.020	0.066	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.015	0.047	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,1-Dichloroethane	<0.025	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,1-Dichloroethene	<0.026	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.010	0.034	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.020	0.066	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.022	mg/kg	0.020	0.067	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.030	mg/kg	0.027	0.10	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.026	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.040	mg/kg	0.036	0.12	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,2-Dibromoethane	<0.023	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.029	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,2-Dichloroethane	<0.023	mg/kg	0.021	0.071	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.011	0.036	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.020	0.068	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.027	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,3-Dichloropropane	<0.030	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.027	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
2,2-Dichloropropane	<0.018	mg/kg	0.016	0.056	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
2-Butanone	<0.090	mg/kg	0.082	0.27	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
2-Chlorotoluene	<0.026	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120755 Sample Description: SB-8-3 10'-12' Sampled: 05/15/2018 0946

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Hexanone	<0.11	mg/kg	0.10	0.34	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
4-Chlorotoluene	<0.026	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.070	mg/kg	0.064	0.20	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Acetone	<0.28	mg/kg	0.26	0.87	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Benzene	<0.0050	mg/kg	0.0046	0.016	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Bromobenzene	<0.030	mg/kg	0.027	0.10	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.0091	0.031	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Bromodichloromethane	<0.016	mg/kg	0.015	0.048	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Bromoform	<0.018	mg/kg	0.016	0.055	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Bromomethane	<0.040	mg/kg	0.036	0.13	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Carbon disulfide	<0.080	mg/kg	0.073	0.24	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Carbon tetrachloride	<0.022	mg/kg	0.020	0.068	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Chlorobenzene	<0.023	mg/kg	0.021	0.071	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Chloroethane	<0.060	mg/kg	0.055	0.19	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Chloroform	<0.021	mg/kg	0.019	0.063	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Chloromethane	<0.050	mg/kg	0.046	0.16	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.027	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.019	mg/kg	0.017	0.057	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Dibromochloromethane	<0.018	mg/kg	0.016	0.056	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.011	0.036	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Dichlorodifluoromethane	<0.040	mg/kg	0.036	0.13	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Diisopropyl ether	<0.030	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Ethylbenzene	<0.021	mg/kg	0.019	0.064	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Hexachlorobutadiene	<0.028	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Isopropylbenzene	<0.025	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120755 Sample Description: SB-8-3 10'-12' Sampled: 05/15/2018 0946

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
m & p-Xylene	<0.027	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Methyl tert-butyl ether	<0.024	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Methylene chloride	<0.030	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
n-Butylbenzene	<0.026	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
n-Propylbenzene	<0.026	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Naphthalene	<0.029	mg/kg	0.026	0.089	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
o-Xylene	<0.024	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
p-Isopropyltoluene	<0.022	mg/kg	0.020	0.067	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
sec-Butylbenzene	<0.028	mg/kg	0.026	0.084	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Styrene	<0.029	mg/kg	0.026	0.088	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
tert-Butylbenzene	<0.025	mg/kg	0.023	0.075	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.012	0.039	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Tetrahydrofuran	<0.14	mg/kg	0.13	0.42	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.012	0.040	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.0091	0.030	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.023	mg/kg	0.021	0.068	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Trichloroethene	<0.015	mg/kg	0.014	0.045	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Trichlorofluoromethane	<0.040	mg/kg	0.036	0.12	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.0091	0.029	1		05/17/2018 09:38	05/20/2018 17:56	RLD	EPA 8260C

CT LAB Sample#: 120756 Sample Description: SB-8-4 8'-10' Sampled: 05/15/2018 1150

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Inorganic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120756 Sample Description: SB-8-4 8'-10' Sampled: 05/15/2018 1150

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Solids, Percent	**95.6**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.028	mg/kg	0.027	0.087	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.024	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.021	0.068	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.015	0.049	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,1-Dichloroethane	<0.025	mg/kg	0.024	0.080	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,1-Dichloroethene	<0.026	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.010	0.035	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.021	0.068	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.022	mg/kg	0.021	0.069	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.030	mg/kg	0.028	0.10	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.026	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.040	mg/kg	0.038	0.12	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,2-Dibromoethane	<0.023	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.029	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,2-Dichloroethane	<0.023	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.011	0.038	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.027	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,3-Dichloropropane	<0.030	mg/kg	0.028	0.095	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.027	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
2,2-Dichloropropane	<0.018	mg/kg	0.017	0.058	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
2-Butanone	<0.090	mg/kg	0.085	0.28	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
2-Chlorotoluene	<0.026	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120756 Sample Description: SB-8-4 8'-10' Sampled: 05/15/2018 1150

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Hexanone	<0.11	mg/kg	0.10	0.35	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
4-Chlorotoluene	<0.026	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.070	mg/kg	0.066	0.21	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Acetone	<0.28	mg/kg	0.27	0.90	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Benzene	<0.0050	mg/kg	0.0047	0.016	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Bromobenzene	<0.030	mg/kg	0.028	0.10	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.0095	0.032	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Bromodichloromethane	<0.016	mg/kg	0.015	0.050	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Bromoform	<0.018	mg/kg	0.017	0.057	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Bromomethane	<0.040	mg/kg	0.038	0.13	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Carbon disulfide	<0.080	mg/kg	0.076	0.25	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Carbon tetrachloride	<0.022	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Chlorobenzene	<0.023	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Chloroethane	<0.060	mg/kg	0.057	0.20	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Chloroform	<0.021	mg/kg	0.020	0.065	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Chloromethane	<0.050	mg/kg	0.047	0.16	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.027	mg/kg	0.026	0.085	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.019	mg/kg	0.018	0.059	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Dibromochloromethane	<0.018	mg/kg	0.017	0.058	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.011	0.037	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Dichlorodifluoromethane	<0.040	mg/kg	0.038	0.13	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Diisopropyl ether	<0.030	mg/kg	0.028	0.095	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Ethylbenzene	<0.021	mg/kg	0.020	0.066	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Hexachlorobutadiene	<0.028	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Isopropylbenzene	<0.025	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120756 Sample Description: SB-8-4 8'-10' Sampled: 05/15/2018 1150

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
m & p-Xylene	<0.027	mg/kg	0.026	0.084	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Methyl tert-butyl ether	<0.024	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Methylene chloride	<0.030	mg/kg	0.028	0.095	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
n-Butylbenzene	<0.026	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
n-Propylbenzene	<0.026	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Naphthalene	<0.029	mg/kg	0.027	0.092	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
o-Xylene	<0.024	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
p-Isopropyltoluene	<0.022	mg/kg	0.021	0.069	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
sec-Butylbenzene	<0.028	mg/kg	0.027	0.087	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Styrene	<0.029	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
tert-Butylbenzene	<0.025	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.012	0.041	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Tetrahydrofuran	<0.14	mg/kg	0.13	0.44	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.012	0.042	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.0095	0.031	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.023	mg/kg	0.022	0.071	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Trichloroethene	<0.015	mg/kg	0.014	0.046	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Trichlorofluoromethane	<0.040	mg/kg	0.038	0.12	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.0095	0.030	1		05/17/2018 09:38	05/20/2018 18:24	RLD	EPA 8260C

CT LAB Sample#: 120757 Sample Description: SB-8-5 8'-10' Sampled: 05/15/2018 1245

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Inorganic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120757 Sample Description: SB-8-5 8'-10' Sampled: 05/15/2018 1245

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Solids, Percent	**77.4**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.031	mg/kg	0.031	0.10	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.027	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.025	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.018	mg/kg	0.018	0.058	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,1-Dichloroethane	<0.028	mg/kg	0.028	0.094	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,1-Dichloroethene	<0.029	mg/kg	0.029	0.097	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,1-Dichloropropene	<0.012	mg/kg	0.012	0.042	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.025	mg/kg	0.025	0.081	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.025	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.034	mg/kg	0.034	0.12	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.029	mg/kg	0.029	0.098	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.045	mg/kg	0.045	0.15	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,2-Dibromoethane	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.033	mg/kg	0.033	0.11	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,2-Dichloroethane	<0.026	mg/kg	0.026	0.088	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	mg/kg	0.013	0.045	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.025	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,3-Dichloropropane	<0.034	mg/kg	0.034	0.11	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
2,2-Dichloropropane	<0.020	mg/kg	0.020	0.069	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
2-Butanone	<0.10	mg/kg	0.10	0.34	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
2-Chlorotoluene	<0.029	mg/kg	0.029	0.098	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120757 Sample Description: SB-8-5 8'-10' Sampled: 05/15/2018 1245

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Hexanone	<0.12	mg/kg	0.12	0.42	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
4-Chlorotoluene	<0.029	mg/kg	0.029	0.097	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.079	mg/kg	0.079	0.25	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Acetone	<0.31	mg/kg	0.31	1.1	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Benzene	<0.0056	mg/kg	0.0056	0.019	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Bromobenzene	<0.034	mg/kg	0.034	0.12	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Bromochloromethane	<0.011	mg/kg	0.011	0.038	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Bromodichloromethane	<0.018	mg/kg	0.018	0.060	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Bromoform	<0.020	mg/kg	0.020	0.067	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Bromomethane	<0.045	mg/kg	0.045	0.16	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Carbon disulfide	<0.090	mg/kg	0.090	0.29	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Carbon tetrachloride	<0.025	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Chlorobenzene	<0.026	mg/kg	0.026	0.088	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Chloroethane	<0.067	mg/kg	0.067	0.24	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Chloroform	<0.024	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Chloromethane	<0.056	mg/kg	0.056	0.19	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.021	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Dibromochloromethane	<0.020	mg/kg	0.020	0.069	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Dibromomethane	<0.013	mg/kg	0.013	0.044	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Dichlorodifluoromethane	<0.045	mg/kg	0.045	0.16	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Diisopropyl ether	<0.034	mg/kg	0.034	0.11	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Ethylbenzene	<0.024	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Hexachlorobutadiene	<0.031	mg/kg	0.031	0.11	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Isopropylbenzene	<0.028	mg/kg	0.028	0.093	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120757 Sample Description: SB-8-5 8'-10' Sampled: 05/15/2018 1245

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
m & p-Xylene	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Methyl tert-butyl ether	<0.027	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Methylene chloride	<0.034	mg/kg	0.034	0.11	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
n-Butylbenzene	<0.029	mg/kg	0.029	0.097	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
n-Propylbenzene	<0.029	mg/kg	0.029	0.095	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Naphthalene	<0.033	mg/kg	0.033	0.11	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
o-Xylene	<0.027	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
p-Isopropyltoluene	<0.025	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
sec-Butylbenzene	<0.031	mg/kg	0.031	0.10	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Styrene	<0.033	mg/kg	0.033	0.11	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
tert-Butylbenzene	<0.028	mg/kg	0.028	0.092	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Tetrachloroethene	**0.324**	mg/kg	0.015	0.048	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Tetrahydrofuran	<0.16	mg/kg	0.16	0.52	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Toluene	<0.015	mg/kg	0.015	0.049	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.011	mg/kg	0.011	0.037	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.026	mg/kg	0.026	0.084	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Trichloroethene	<0.017	mg/kg	0.017	0.055	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Trichlorofluoromethane	<0.045	mg/kg	0.045	0.15	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C
Vinyl chloride	<0.011	mg/kg	0.011	0.036	1		05/17/2018 09:38	05/20/2018 18:52	RLD	EPA 8260C

CT LAB Sample#: 120758 Sample Description: SB-8-6 8'-10' Sampled: 05/15/2018 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Inorganic Results

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120758 Sample Description: SB-8-6 8'-10' Sampled: 05/15/2018 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Solids, Percent	**94.7**	%	0.1	0.1	1			05/25/2018 12:00	BMM	EPA 8000C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.028	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.024	mg/kg	0.023	0.078	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.015	0.050	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,1-Dichloroethane	<0.025	mg/kg	0.024	0.081	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,1-Dichloroethene	<0.026	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.011	0.036	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.022	mg/kg	0.021	0.071	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.030	mg/kg	0.029	0.11	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.026	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.040	mg/kg	0.039	0.13	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,2-Dibromoethane	<0.023	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.029	mg/kg	0.028	0.092	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,2-Dichloroethane	<0.023	mg/kg	0.022	0.075	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.012	0.039	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.021	0.072	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.027	mg/kg	0.026	0.088	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,3-Dichloropropane	<0.030	mg/kg	0.029	0.097	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.027	mg/kg	0.026	0.088	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
2,2-Dichloropropane	<0.018	mg/kg	0.017	0.059	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
2-Butanone	<0.090	mg/kg	0.087	0.29	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
2-Chlorotoluene	<0.026	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120758 Sample Description: SB-8-6 8'-10' Sampled: 05/15/2018 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2-Hexanone	<0.11	mg/kg	0.11	0.36	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
4-Chlorotoluene	<0.026	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.070	mg/kg	0.068	0.21	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Acetone	<0.28	mg/kg	0.27	0.92	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Benzene	<0.0050	mg/kg	0.0048	0.016	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Bromobenzene	<0.030	mg/kg	0.029	0.11	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.0097	0.033	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Bromodichloromethane	<0.016	mg/kg	0.015	0.051	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Bromoform	<0.018	mg/kg	0.017	0.058	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Bromomethane	<0.040	mg/kg	0.039	0.14	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Carbon disulfide	<0.080	mg/kg	0.077	0.25	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Carbon tetrachloride	<0.022	mg/kg	0.021	0.072	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Chlorobenzene	<0.023	mg/kg	0.022	0.075	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Chloroethane	<0.060	mg/kg	0.058	0.20	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Chloroform	<0.021	mg/kg	0.020	0.067	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Chloromethane	<0.050	mg/kg	0.048	0.16	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.027	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.019	mg/kg	0.018	0.060	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Dibromochloromethane	<0.018	mg/kg	0.017	0.059	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.012	0.038	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Dichlorodifluoromethane	<0.040	mg/kg	0.039	0.14	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Diisopropyl ether	<0.030	mg/kg	0.029	0.097	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Ethylbenzene	<0.021	mg/kg	0.020	0.068	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Hexachlorobutadiene	<0.028	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Isopropylbenzene	<0.025	mg/kg	0.024	0.080	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120758 Sample Description: SB-8-6 8'-10' Sampled: 05/15/2018 1320

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
m & p-Xylene	<0.027	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Methyl tert-butyl ether	<0.024	mg/kg	0.023	0.078	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Methylene chloride	<0.030	mg/kg	0.029	0.097	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
n-Butylbenzene	<0.026	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
n-Propylbenzene	<0.026	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Naphthalene	<0.029	mg/kg	0.028	0.094	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
o-Xylene	<0.024	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
p-Isopropyltoluene	<0.022	mg/kg	0.021	0.071	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
sec-Butylbenzene	<0.028	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Styrene	<0.029	mg/kg	0.028	0.093	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
tert-Butylbenzene	<0.025	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.013	0.042	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Tetrahydrofuran	<0.14	mg/kg	0.14	0.44	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.013	0.043	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.0097	0.032	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.023	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Trichloroethene	<0.015	mg/kg	0.015	0.047	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Trichlorofluoromethane	<0.040	mg/kg	0.039	0.13	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.0097	0.031	1		05/17/2018 09:38	05/20/2018 19:21	RLD	EPA 8260C

CT LAB Sample#: 120759 Sample Description: SB-8 COMP Sampled: 05/15/2018 1330

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method

Organic Results

Volatile Organic Compounds 8260 TCLP Comments: Suspected chloroform laboratory contamination.

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120759 Sample Description: SB-8 COMP Sampled: 05/15/2018 1330

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
TCLP 1,1-Dichloroethene	<0.040	mg/L	0.040	0.15	100		05/25/2018 10	05/30/2018 11:24	AGK	EPA 8260C
TCLP 1,2-Dichloroethane	<0.026	mg/L	0.026	0.087	100		05/25/2018 10	05/30/2018 11:24	AGK	EPA 8260C
TCLP 2-Butanone	<0.40	mg/L	0.40	1.4	100		05/25/2018 10	05/30/2018 11:24	AGK	EPA 8260C
TCLP Benzene	<0.024	mg/L	0.024	0.081	100		05/25/2018 10	05/30/2018 11:24	AGK	EPA 8260C
TCLP Carbon tetrachloride	<0.050	mg/L	0.050	0.16	100		05/25/2018 10	05/30/2018 11:24	AGK	EPA 8260C
TCLP Chlorobenzene	<0.050	mg/L	0.050	0.15	100		05/25/2018 10	05/30/2018 11:24	AGK	EPA 8260C
TCLP Chloroform	<0.030	mg/L	0.030	0.090	100	B	05/25/2018 10	05/30/2018 11:24	AGK	EPA 8260C
TCLP Tetrachloroethene	<0.050	mg/L	0.050	0.18	100		05/25/2018 10	05/30/2018 11:24	AGK	EPA 8260C
TCLP Trichloroethene	<0.030	mg/L	0.030	0.10	100		05/25/2018 10	05/30/2018 11:24	AGK	EPA 8260C
TCLP Vinyl chloride	<0.019	mg/L	0.019	0.064	100		05/25/2018 10	05/30/2018 11:24	AGK	EPA 8260C

CT LAB Sample#: 120760 Sample Description: SB-8-6 GW Sampled: 05/15/2018 1345

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	1.9	1			05/22/2018 18:33	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1.8	1			05/22/2018 18:33	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.70	ug/L	0.70	2.4	1			05/22/2018 18:33	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.40	ug/L	0.40	1.5	1			05/22/2018 18:33	AGK	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	1.1	1			05/22/2018 18:33	AGK	EPA 8260C
1,1-Dichloroethene	<0.40	ug/L	0.40	1.5	1			05/22/2018 18:33	AGK	EPA 8260C
1,1-Dichloropropene	<0.70	ug/L	0.70	2.2	1			05/22/2018 18:33	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.80	ug/L	0.80	2.6	1			05/22/2018 18:33	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120760 Sample Description: SB-8-6 GW Sampled: 05/15/2018 1345

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,3-Trichloropropane	<0.60	ug/L	0.60	1.9	1			05/22/2018 18:33	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			05/22/2018 18:33	AGK	EPA 8260C
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.2	1			05/22/2018 18:33	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			05/22/2018 18:33	AGK	EPA 8260C
1,2-Dibromoethane	<0.60	ug/L	0.60	1.8	1			05/22/2018 18:33	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.9	1			05/22/2018 18:33	AGK	EPA 8260C
1,2-Dichloroethane	<0.26	ug/L	0.26	0.87	1			05/22/2018 18:33	AGK	EPA 8260C
1,2-Dichloropropane	<0.40	ug/L	0.40	1.4	1			05/22/2018 18:33	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1			05/22/2018 18:33	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/22/2018 18:33	AGK	EPA 8260C
1,3-Dichloropropane	<0.50	ug/L	0.50	1.6	1			05/22/2018 18:33	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.60	ug/L	0.60	2.0	1			05/22/2018 18:33	AGK	EPA 8260C
2,2-Dichloropropane	<0.50	ug/L	0.50	1.6	1			05/22/2018 18:33	AGK	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	14	1			05/22/2018 18:33	AGK	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.4	1			05/22/2018 18:33	AGK	EPA 8260C
2-Hexanone	<7.0	ug/L	7.0	24	1			05/22/2018 18:33	AGK	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.5	1			05/22/2018 18:33	AGK	EPA 8260C
4-Methyl-2-pentanone	<6.0	ug/L	6.0	19	1			05/22/2018 18:33	AGK	EPA 8260C
Acetone	<9.0	ug/L	9.0	30	1			05/22/2018 18:33	AGK	EPA 8260C
Benzene	<0.24	ug/L	0.24	0.81	1			05/22/2018 18:33	AGK	EPA 8260C
Bromobenzene	<0.60	ug/L	0.60	1.9	1			05/22/2018 18:33	AGK	EPA 8260C
Bromochloromethane	<0.80	ug/L	0.80	2.5	1			05/22/2018 18:33	AGK	EPA 8260C
Bromodichloromethane	<0.40	ug/L	0.40	1.4	1			05/22/2018 18:33	AGK	EPA 8260C
Bromoform	<0.70	ug/L	0.70	2.3	1			05/22/2018 18:33	AGK	EPA 8260C
Bromomethane	<0.70	ug/L	0.70	2.4	1			05/22/2018 18:33	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120760 Sample Description: SB-8-6 GW Sampled: 05/15/2018 1345

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Carbon disulfide	<0.50	ug/L	0.50	1.6	1			05/22/2018 18:33	AGK	EPA 8260C
Carbon tetrachloride	<0.50	ug/L	0.50	1.6	1			05/22/2018 18:33	AGK	EPA 8260C
Chlorobenzene	<0.50	ug/L	0.50	1.5	1			05/22/2018 18:33	AGK	EPA 8260C
Chloroethane	<0.50	ug/L	0.50	1.6	1			05/22/2018 18:33	AGK	EPA 8260C
Chloroform	<0.30	ug/L	0.30	0.90	1			05/22/2018 18:33	AGK	EPA 8260C
Chloromethane	<0.70	ug/L	0.70	2.5	1			05/22/2018 18:33	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30	1.0	1			05/22/2018 18:33	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40	1.2	1			05/22/2018 18:33	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40	1.4	1			05/22/2018 18:33	AGK	EPA 8260C
Dibromomethane	<0.80	ug/L	0.80	2.5	1			05/22/2018 18:33	AGK	EPA 8260C
Dichlorodifluoromethane	<0.40	ug/L	0.40	1.5	1			05/22/2018 18:33	AGK	EPA 8260C
Diisopropyl ether	<0.29	ug/L	0.29	0.97	1			05/22/2018 18:33	AGK	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30	1.1	1			05/22/2018 18:33	AGK	EPA 8260C
Hexachlorobutadiene	<0.90	ug/L	0.90	2.9	1			05/22/2018 18:33	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40	1.4	1			05/22/2018 18:33	AGK	EPA 8260C
m & p-Xylene	<0.50	ug/L	0.50	1.8	1			05/22/2018 18:33	AGK	EPA 8260C
Methyl tert-butyl ether	<0.30	ug/L	0.30	1.1	1			05/22/2018 18:33	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50	1.7	1			05/22/2018 18:33	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40	1.2	1			05/22/2018 18:33	AGK	EPA 8260C
n-Propylbenzene	<0.50	ug/L	0.50	1.8	1			05/22/2018 18:33	AGK	EPA 8260C
Naphthalene	<0.70	ug/L	0.70	2.2	1			05/22/2018 18:33	AGK	EPA 8260C
o-Xylene	<0.40	ug/L	0.40	1.4	1			05/22/2018 18:33	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50	1.5	1			05/22/2018 18:33	AGK	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40	1.3	1			05/22/2018 18:33	AGK	EPA 8260C
Styrene	<0.50	ug/L	0.50	1.7	1			05/22/2018 18:33	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120760 Sample Description: SB-8-6 GW Sampled: 05/15/2018 1345

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
tert-Butylbenzene	<0.40	ug/L	0.40	1.4	1			05/22/2018 18:33	AGK	EPA 8260C
Tetrachloroethene	<0.50	ug/L	0.50	1.8	1			05/22/2018 18:33	AGK	EPA 8260C
Tetrahydrofuran	<3.0	ug/L	3.0	10	1			05/22/2018 18:33	AGK	EPA 8260C
Toluene	<0.30	ug/L	0.30	1.1	1			05/22/2018 18:33	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.60	ug/L	0.60	1.9	1			05/22/2018 18:33	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			05/22/2018 18:33	AGK	EPA 8260C
Trichloroethene	<0.30	ug/L	0.30	1.0	1			05/22/2018 18:33	AGK	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.1	1			05/22/2018 18:33	AGK	EPA 8260C
Vinyl chloride	<0.19	ug/L	0.19	0.64	1			05/22/2018 18:33	AGK	EPA 8260C

CT LAB Sample#: 120761 Sample Description: SB-8-7 6'-8' Sampled: 05/15/2018 0836

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**89.1**	%	0.1	0.1	1			05/25/2018 12:21	BMM	EPA 8000C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.028	mg/kg	0.024	0.080	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.024	mg/kg	0.021	0.071	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.019	0.063	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.014	0.045	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,1-Dichloroethane	<0.025	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,1-Dichloroethene	<0.026	mg/kg	0.023	0.075	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.0096	0.032	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.019	0.063	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120761 Sample Description: SB-8-7 6'-8' Sampled: 05/15/2018 0836

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,3-Trichloropropane	<0.022	mg/kg	0.019	0.064	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.030	mg/kg	0.026	0.096	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.026	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.040	mg/kg	0.035	0.11	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,2-Dibromoethane	<0.023	mg/kg	0.020	0.067	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.029	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,2-Dichloroethane	<0.023	mg/kg	0.020	0.068	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.010	0.035	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.019	0.064	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.027	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,3-Dichloropropane	<0.030	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.027	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
2,2-Dichloropropane	<0.018	mg/kg	0.016	0.053	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
2-Butanone	<0.090	mg/kg	0.078	0.26	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
2-Chlorotoluene	<0.026	mg/kg	0.023	0.076	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
2-Hexanone	<0.11	mg/kg	0.096	0.32	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
4-Chlorotoluene	<0.026	mg/kg	0.023	0.075	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.070	mg/kg	0.061	0.19	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Acetone	<0.28	mg/kg	0.24	0.83	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Benzene	<0.0050	mg/kg	0.0044	0.015	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Bromobenzene	<0.030	mg/kg	0.026	0.096	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.0087	0.030	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Bromodichloromethane	<0.016	mg/kg	0.014	0.046	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Bromoform	<0.018	mg/kg	0.016	0.052	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Bromomethane	<0.040	mg/kg	0.035	0.12	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120761 Sample Description: SB-8-7 6'-8' Sampled: 05/15/2018 0836

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Carbon disulfide	<0.080	mg/kg	0.070	0.23	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Carbon tetrachloride	<0.022	mg/kg	0.019	0.064	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Chlorobenzene	<0.023	mg/kg	0.020	0.068	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Chloroethane	<0.060	mg/kg	0.052	0.18	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Chloroform	<0.021	mg/kg	0.018	0.060	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Chloromethane	<0.050	mg/kg	0.044	0.15	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.027	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.019	mg/kg	0.017	0.054	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Dibromochloromethane	<0.018	mg/kg	0.016	0.053	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.010	0.034	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Dichlorodifluoromethane	<0.040	mg/kg	0.035	0.12	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Diisopropyl ether	<0.030	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Ethylbenzene	<0.021	mg/kg	0.018	0.061	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Hexachlorobutadiene	<0.028	mg/kg	0.024	0.082	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Isopropylbenzene	<0.025	mg/kg	0.022	0.072	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
m & p-Xylene	<0.027	mg/kg	0.024	0.078	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Methyl tert-butyl ether	<0.024	mg/kg	0.021	0.071	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Methylene chloride	<0.030	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
n-Butylbenzene	<0.026	mg/kg	0.023	0.075	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
n-Propylbenzene	<0.026	mg/kg	0.023	0.074	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Naphthalene	<0.029	mg/kg	0.025	0.085	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
o-Xylene	<0.024	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
p-Isopropyltoluene	<0.022	mg/kg	0.019	0.064	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
sec-Butylbenzene	<0.028	mg/kg	0.024	0.080	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Styrene	<0.029	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120761 Sample Description: SB-8-7 6'-8' Sampled: 05/15/2018 0836

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
tert-Butylbenzene	<0.025	mg/kg	0.022	0.071	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Tetrachloroethene	**0.0336**	mg/kg	0.011 *	0.037	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Tetrahydrofuran	<0.14	mg/kg	0.12	0.40	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.011	0.038	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.0087	0.029	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.023	mg/kg	0.020	0.065	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Trichloroethene	<0.015	mg/kg	0.013	0.043	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Trichlorofluoromethane	<0.040	mg/kg	0.035	0.11	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.0087	0.028	1		05/17/2018 09:38	05/20/2018 19:50	RLD	EPA 8260C

CT LAB Sample#: 120762 Sample Description: SB-8-7 10'-12' Sampled: 05/15/2018 0841

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**81.0**	%	0.1	0.1	1			05/25/2018 12:21	BMM	EPA 8000C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.028	mg/kg	0.028	0.092	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.024	mg/kg	0.024	0.081	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.022	0.072	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.016	0.052	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,1-Dichloroethane	<0.025	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,1-Dichloroethene	<0.026	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.011	0.037	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.022	0.072	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120762 Sample Description: SB-8-7 10'-12' Sampled: 05/15/2018 0841

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,3-Trichloropropane	<0.022	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.030	mg/kg	0.030	0.11	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.040	mg/kg	0.040	0.13	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,2-Dibromoethane	<0.023	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.029	mg/kg	0.029	0.096	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,2-Dichloroethane	<0.023	mg/kg	0.023	0.078	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.012	0.040	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.027	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,3-Dichloropropane	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.027	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
2,2-Dichloropropane	<0.018	mg/kg	0.018	0.061	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
2-Butanone	<0.090	mg/kg	0.090	0.30	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
2-Chlorotoluene	<0.026	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
2-Hexanone	<0.11	mg/kg	0.11	0.37	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
4-Chlorotoluene	<0.026	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.070	mg/kg	0.070	0.22	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Acetone	<0.28	mg/kg	0.28	0.96	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Benzene	<0.0050	mg/kg	0.0050	0.017	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Bromobenzene	<0.030	mg/kg	0.030	0.11	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.010	0.034	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Bromodichloromethane	<0.016	mg/kg	0.016	0.053	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Bromoform	<0.018	mg/kg	0.018	0.060	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Bromomethane	<0.040	mg/kg	0.040	0.14	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120762 Sample Description: SB-8-7 10'-12' Sampled: 05/15/2018 0841

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Carbon disulfide	<0.080	mg/kg	0.080	0.26	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Carbon tetrachloride	<0.022	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Chlorobenzene	<0.023	mg/kg	0.023	0.078	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Chloroethane	<0.060	mg/kg	0.060	0.21	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Chloroform	<0.021	mg/kg	0.021	0.069	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Chloromethane	<0.050	mg/kg	0.050	0.17	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.027	mg/kg	0.027	0.090	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.019	mg/kg	0.019	0.062	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Dibromochloromethane	<0.018	mg/kg	0.018	0.061	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.012	0.039	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Dichlorodifluoromethane	<0.040	mg/kg	0.040	0.14	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Diisopropyl ether	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Ethylbenzene	<0.021	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Hexachlorobutadiene	<0.028	mg/kg	0.028	0.095	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Isopropylbenzene	<0.025	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
m & p-Xylene	<0.027	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Methyl tert-butyl ether	<0.024	mg/kg	0.024	0.081	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Methylene chloride	<0.030	mg/kg	0.030	0.10	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
n-Butylbenzene	<0.026	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
n-Propylbenzene	<0.026	mg/kg	0.026	0.085	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Naphthalene	<0.029	mg/kg	0.029	0.098	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
o-Xylene	<0.024	mg/kg	0.024	0.080	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
p-Isopropyltoluene	<0.022	mg/kg	0.022	0.073	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
sec-Butylbenzene	<0.028	mg/kg	0.028	0.092	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Styrene	<0.029	mg/kg	0.029	0.097	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120762 Sample Description: SB-8-7 10'-12' Sampled: 05/15/2018 0841

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
tert-Butylbenzene	<0.025	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.013	0.043	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Tetrahydrofuran	<0.14	mg/kg	0.14	0.46	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.013	0.044	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.010	0.033	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.023	mg/kg	0.023	0.075	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Trichloroethene	<0.015	mg/kg	0.015	0.049	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Trichlorofluoromethane	<0.040	mg/kg	0.040	0.13	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.010	0.032	1		05/17/2018 09:38	05/20/2018 20:18	RLD	EPA 8260C

CT LAB Sample#: 120763 Sample Description: SB-8-7 GW Sampled: 05/15/2018 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.60	ug/L	0.60	1.9	1			05/22/2018 19:02	AGK	EPA 8260C
1,1,1-Trichloroethane	<0.50	ug/L	0.50	1.8	1			05/22/2018 19:02	AGK	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.70	ug/L	0.70	2.4	1			05/22/2018 19:02	AGK	EPA 8260C
1,1,2-Trichloroethane	<0.40	ug/L	0.40	1.5	1			05/22/2018 19:02	AGK	EPA 8260C
1,1-Dichloroethane	<0.30	ug/L	0.30	1.1	1			05/22/2018 19:02	AGK	EPA 8260C
1,1-Dichloroethene	<0.40	ug/L	0.40	1.5	1			05/22/2018 19:02	AGK	EPA 8260C
1,1-Dichloropropene	<0.70	ug/L	0.70	2.2	1			05/22/2018 19:02	AGK	EPA 8260C
1,2,3-Trichlorobenzene	<0.80	ug/L	0.80	2.6	1			05/22/2018 19:02	AGK	EPA 8260C
1,2,3-Trichloropropane	<0.60	ug/L	0.60	1.9	1			05/22/2018 19:02	AGK	EPA 8260C
1,2,4-Trichlorobenzene	<0.50	ug/L	0.50	1.7	1			05/22/2018 19:02	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120763 Sample Description: SB-8-7 GW Sampled: 05/15/2018 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,4-Trimethylbenzene	<0.40	ug/L	0.40	1.2	1			05/22/2018 19:02	AGK	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.70	ug/L	0.70	2.4	1			05/22/2018 19:02	AGK	EPA 8260C
1,2-Dibromoethane	<0.60	ug/L	0.60	1.8	1			05/22/2018 19:02	AGK	EPA 8260C
1,2-Dichlorobenzene	<0.60	ug/L	0.60	1.9	1			05/22/2018 19:02	AGK	EPA 8260C
1,2-Dichloroethane	<0.26	ug/L	0.26	0.87	1			05/22/2018 19:02	AGK	EPA 8260C
1,2-Dichloropropane	<0.40	ug/L	0.40	1.4	1			05/22/2018 19:02	AGK	EPA 8260C
1,3,5-Trimethylbenzene	<0.40	ug/L	0.40	1.3	1			05/22/2018 19:02	AGK	EPA 8260C
1,3-Dichlorobenzene	<0.50	ug/L	0.50	1.8	1			05/22/2018 19:02	AGK	EPA 8260C
1,3-Dichloropropane	<0.50	ug/L	0.50	1.6	1			05/22/2018 19:02	AGK	EPA 8260C
1,4-Dichlorobenzene	<0.60	ug/L	0.60	2.0	1			05/22/2018 19:02	AGK	EPA 8260C
2,2-Dichloropropane	<0.50	ug/L	0.50	1.6	1			05/22/2018 19:02	AGK	EPA 8260C
2-Butanone	<4.0	ug/L	4.0	14	1			05/22/2018 19:02	AGK	EPA 8260C
2-Chlorotoluene	<0.40	ug/L	0.40	1.4	1			05/22/2018 19:02	AGK	EPA 8260C
2-Hexanone	<7.0	ug/L	7.0	24	1			05/22/2018 19:02	AGK	EPA 8260C
4-Chlorotoluene	<0.40	ug/L	0.40	1.5	1			05/22/2018 19:02	AGK	EPA 8260C
4-Methyl-2-pentanone	<6.0	ug/L	6.0	19	1			05/22/2018 19:02	AGK	EPA 8260C
Acetone	<9.0	ug/L	9.0	30	1			05/22/2018 19:02	AGK	EPA 8260C
Benzene	<0.24	ug/L	0.24	0.81	1			05/22/2018 19:02	AGK	EPA 8260C
Bromobenzene	<0.60	ug/L	0.60	1.9	1			05/22/2018 19:02	AGK	EPA 8260C
Bromochloromethane	<0.80	ug/L	0.80	2.5	1			05/22/2018 19:02	AGK	EPA 8260C
Bromodichloromethane	<0.40	ug/L	0.40	1.4	1			05/22/2018 19:02	AGK	EPA 8260C
Bromoform	<0.70	ug/L	0.70	2.3	1			05/22/2018 19:02	AGK	EPA 8260C
Bromomethane	<0.70	ug/L	0.70	2.4	1			05/22/2018 19:02	AGK	EPA 8260C
Carbon disulfide	<0.50	ug/L	0.50	1.6	1			05/22/2018 19:02	AGK	EPA 8260C
Carbon tetrachloride	<0.50	ug/L	0.50	1.6	1			05/22/2018 19:02	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120763 Sample Description: SB-8-7 GW Sampled: 05/15/2018 0900

Analyte	Result	Units	LOD		LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Chlorobenzene	<0.50	ug/L	0.50		1.5	1			05/22/2018 19:02	AGK	EPA 8260C
Chloroethane	<0.50	ug/L	0.50		1.6	1			05/22/2018 19:02	AGK	EPA 8260C
Chloroform	**0.38**	ug/L	0.30	*	0.90	1	B		05/22/2018 19:02	AGK	EPA 8260C
Chloromethane	<0.70	ug/L	0.70		2.5	1			05/22/2018 19:02	AGK	EPA 8260C
cis-1,2-Dichloroethene	<0.30	ug/L	0.30		1.0	1			05/22/2018 19:02	AGK	EPA 8260C
cis-1,3-Dichloropropene	<0.40	ug/L	0.40		1.2	1			05/22/2018 19:02	AGK	EPA 8260C
Dibromochloromethane	<0.40	ug/L	0.40		1.4	1			05/22/2018 19:02	AGK	EPA 8260C
Dibromomethane	<0.80	ug/L	0.80		2.5	1			05/22/2018 19:02	AGK	EPA 8260C
Dichlorodifluoromethane	<0.40	ug/L	0.40		1.5	1			05/22/2018 19:02	AGK	EPA 8260C
Diisopropyl ether	<0.29	ug/L	0.29		0.97	1			05/22/2018 19:02	AGK	EPA 8260C
Ethylbenzene	<0.30	ug/L	0.30		1.1	1			05/22/2018 19:02	AGK	EPA 8260C
Hexachlorobutadiene	<0.90	ug/L	0.90		2.9	1			05/22/2018 19:02	AGK	EPA 8260C
Isopropylbenzene	<0.40	ug/L	0.40		1.4	1			05/22/2018 19:02	AGK	EPA 8260C
m & p-Xylene	<0.50	ug/L	0.50		1.8	1			05/22/2018 19:02	AGK	EPA 8260C
Methyl tert-butyl ether	<0.30	ug/L	0.30		1.1	1			05/22/2018 19:02	AGK	EPA 8260C
Methylene chloride	<0.50	ug/L	0.50		1.7	1			05/22/2018 19:02	AGK	EPA 8260C
n-Butylbenzene	<0.40	ug/L	0.40		1.2	1			05/22/2018 19:02	AGK	EPA 8260C
n-Propylbenzene	<0.50	ug/L	0.50		1.8	1			05/22/2018 19:02	AGK	EPA 8260C
Naphthalene	<0.70	ug/L	0.70		2.2	1			05/22/2018 19:02	AGK	EPA 8260C
o-Xylene	<0.40	ug/L	0.40		1.4	1			05/22/2018 19:02	AGK	EPA 8260C
p-Isopropyltoluene	<0.50	ug/L	0.50		1.5	1			05/22/2018 19:02	AGK	EPA 8260C
sec-Butylbenzene	<0.40	ug/L	0.40		1.3	1			05/22/2018 19:02	AGK	EPA 8260C
Styrene	<0.50	ug/L	0.50		1.7	1			05/22/2018 19:02	AGK	EPA 8260C
tert-Butylbenzene	<0.40	ug/L	0.40		1.4	1			05/22/2018 19:02	AGK	EPA 8260C
Tetrachloroethene	**4.8**	ug/L	0.50		1.8	1			05/22/2018 19:02	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120763 Sample Description: SB-8-7 GW Sampled: 05/15/2018 0900

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Tetrahydrofuran	<3.0	ug/L	3.0	10	1			05/22/2018 19:02	AGK	EPA 8260C
Toluene	<0.30	ug/L	0.30	1.1	1			05/22/2018 19:02	AGK	EPA 8260C
trans-1,2-Dichloroethene	<0.60	ug/L	0.60	1.9	1			05/22/2018 19:02	AGK	EPA 8260C
trans-1,3-Dichloropropene	<0.40	ug/L	0.40	1.4	1			05/22/2018 19:02	AGK	EPA 8260C
Trichloroethene	**0.33**	ug/L	0.30 *	1.0	1			05/22/2018 19:02	AGK	EPA 8260C
Trichlorofluoromethane	<0.30	ug/L	0.30	1.1	1			05/22/2018 19:02	AGK	EPA 8260C
Vinyl chloride	<0.19	ug/L	0.19	0.64	1			05/22/2018 19:02	AGK	EPA 8260C

CT LAB Sample#: 120764 Sample Description: SB-41-1 8'-10' Sampled: 05/15/2018 0755

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**91.5**	%	0.1	0.1	1			05/25/2018 12:21	BMM	EPA 8000C
Metals Results										
Lead	**4.8**	mg/kg	0.085	0.29	1		05/17/2018 12:33	05/21/2018 23:35	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.028	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.024	mg/kg	0.023	0.078	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.022	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.016	mg/kg	0.015	0.050	1	M	05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,1-Dichloroethane	<0.025	mg/kg	0.024	0.081	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,1-Dichloroethene	<0.026	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,1-Dichloropropene	<0.011	mg/kg	0.011	0.036	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.022	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120764 Sample Description: SB-41-1 8'-10' Sampled: 05/15/2018 0755

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2,3-Trichloropropane	<0.022	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.030	mg/kg	0.029	0.11	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.026	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.040	mg/kg	0.039	0.13	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,2-Dibromoethane	<0.023	mg/kg	0.022	0.074	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.029	mg/kg	0.028	0.092	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,2-Dichloroethane	<0.023	mg/kg	0.022	0.075	1	M	05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,2-Dichloropropane	<0.012	mg/kg	0.012	0.039	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.022	mg/kg	0.021	0.071	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.027	mg/kg	0.026	0.088	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,3-Dichloropropane	<0.030	mg/kg	0.029	0.097	1	M	05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.027	mg/kg	0.026	0.088	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
2,2-Dichloropropane	<0.018	mg/kg	0.017	0.059	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
2-Butanone	<0.090	mg/kg	0.087	0.29	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
2-Chlorotoluene	<0.026	mg/kg	0.025	0.084	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
2-Hexanone	<0.11	mg/kg	0.11	0.36	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
4-Chlorotoluene	<0.026	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.070	mg/kg	0.068	0.21	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Acetone	<0.28	mg/kg	0.27	0.92	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Benzene	<0.0050	mg/kg	0.0048	0.016	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Bromobenzene	<0.030	mg/kg	0.029	0.11	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Bromochloromethane	<0.010	mg/kg	0.0097	0.033	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Bromodichloromethane	<0.016	mg/kg	0.015	0.051	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Bromoform	<0.018	mg/kg	0.017	0.058	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Bromomethane	<0.040	mg/kg	0.039	0.14	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120764 Sample Description: SB-41-1 8'-10' Sampled: 05/15/2018 0755

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Carbon disulfide	<0.080	mg/kg	0.077	0.25	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Carbon tetrachloride	<0.022	mg/kg	0.021	0.071	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Chlorobenzene	<0.023	mg/kg	0.022	0.075	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Chloroethane	<0.060	mg/kg	0.058	0.20	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Chloroform	<0.021	mg/kg	0.020	0.067	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Chloromethane	<0.050	mg/kg	0.048	0.16	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.027	mg/kg	0.026	0.087	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.019	mg/kg	0.018	0.060	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Dibromochloromethane	<0.018	mg/kg	0.017	0.059	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Dibromomethane	<0.012	mg/kg	0.012	0.038	1	M	05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Dichlorodifluoromethane	<0.040	mg/kg	0.039	0.14	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Diisopropyl ether	<0.030	mg/kg	0.029	0.097	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Ethylbenzene	<0.021	mg/kg	0.020	0.068	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Hexachlorobutadiene	<0.028	mg/kg	0.027	0.091	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Isopropylbenzene	<0.025	mg/kg	0.024	0.080	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
m & p-Xylene	<0.027	mg/kg	0.026	0.086	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Methyl tert-butyl ether	<0.024	mg/kg	0.023	0.078	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Methylene chloride	<0.030	mg/kg	0.029	0.097	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
n-Butylbenzene	<0.026	mg/kg	0.025	0.083	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
n-Propylbenzene	<0.026	mg/kg	0.025	0.082	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Naphthalene	<0.029	mg/kg	0.028	0.094	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
o-Xylene	<0.024	mg/kg	0.023	0.077	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
p-Isopropyltoluene	<0.022	mg/kg	0.021	0.070	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
sec-Butylbenzene	<0.028	mg/kg	0.027	0.089	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Styrene	<0.029	mg/kg	0.028	0.093	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120764 Sample Description: SB-41-1 8'-10' Sampled: 05/15/2018 0755

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
tert-Butylbenzene	<0.025	mg/kg	0.024	0.079	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Tetrachloroethene	<0.013	mg/kg	0.013	0.042	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Tetrahydrofuran	<0.14	mg/kg	0.14	0.44	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Toluene	<0.013	mg/kg	0.013	0.042	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.010	mg/kg	0.0097	0.032	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.023	mg/kg	0.022	0.072	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Trichloroethene	<0.015	mg/kg	0.014	0.047	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Trichlorofluoromethane	<0.040	mg/kg	0.039	0.13	1		05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
Vinyl chloride	<0.010	mg/kg	0.0097	0.031	1	M	05/17/2018 09:38	05/20/2018 20:46	RLD	EPA 8260C
1-Methylnaphthalene	<0.020	mg/kg	0.019	0.080	1		05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
2-Methylnaphthalene	<0.017	mg/kg	0.016	0.080	1		05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Acenaphthene	<0.022	mg/kg	0.021	0.080	1		05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Acenaphthylene	<0.024	mg/kg	0.022	0.080	1		05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Anthracene	<0.010	mg/kg	0.0096	0.033	1		05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Benzo(a)anthracene	**0.0487**	mg/kg	0.0011	0.0035	1	M,Y	05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Benzo(a)pyrene	**0.0421**	mg/kg	0.0013	0.0044	1	M,Y	05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Benzo(b)fluoranthene	**0.0299**	mg/kg	0.0011	0.0035	1	M,Y	05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Benzo(g,h,i)perylene	**0.0291**	mg/kg	0.0026	0.0083	1	M,Y	05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Benzo(k)fluoranthene	**0.0108**	mg/kg	0.0014	0.0047	1	M,Y	05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Chrysene	**0.0356**	mg/kg	0.0043	0.015	1		05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Dibenzo(a,h)anthracene	**0.00555**	mg/kg	0.0043 *	0.015	1	P,M	05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Fluoranthene	**0.0635**	mg/kg	0.0021	0.0070	1	M,Y	05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Fluorene	<0.0078	mg/kg	0.0075	0.040	1		05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Indeno(1,2,3-cd)pyrene	**0.0280**	mg/kg	0.0023	0.0078	1	M,Y	05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Naphthalene	<0.020	mg/kg	0.019	0.080	1		05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 120764 Sample Description: SB-41-1 8'-10' Sampled: 05/15/2018 0755

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Phenanthrene	**0.00939**	mg/kg	0.0043 *	0.014	1		05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310
Pyrene	**0.0724**	mg/kg	0.0043	0.014	1	M	05/21/2018 14:30	05/29/2018 15:00	RED	EPA 8310

CT LAB Sample#: 120765 Sample Description: SB-41-1 8'-10' Sampled: 05/15/2018 0755

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
TCLP 1,1-Dichloroethene	<0.040	mg/L	0.040	0.15	100		05/25/2018 10:00	05/30/2018 11:54	AGK	EPA 8260C
TCLP 1,2-Dichloroethane	<0.026	mg/L	0.026	0.087	100		05/25/2018 10:00	05/30/2018 11:54	AGK	EPA 8260C
TCLP 2-Butanone	<0.40	mg/L	0.40	1.4	100		05/25/2018 10:00	05/30/2018 11:54	AGK	EPA 8260C
TCLP Benzene	<0.024	mg/L	0.024	0.081	100		05/25/2018 10:00	05/30/2018 11:54	AGK	EPA 8260C
TCLP Carbon tetrachloride	<0.050	mg/L	0.050	0.16	100		05/25/2018 10:00	05/30/2018 11:54	AGK	EPA 8260C
TCLP Chlorobenzene	<0.050	mg/L	0.050	0.15	100		05/25/2018 10:00	05/30/2018 11:54	AGK	EPA 8260C
TCLP Chloroform	<0.030	mg/L	0.030	0.090	100		05/25/2018 10:00	05/30/2018 11:54	AGK	EPA 8260C
TCLP Tetrachloroethene	<0.050	mg/L	0.050	0.18	100		05/25/2018 10:00	05/30/2018 11:54	AGK	EPA 8260C
TCLP Trichloroethene	<0.030	mg/L	0.030	0.10	100		05/25/2018 10:00	05/30/2018 11:54	AGK	EPA 8260C
TCLP Vinyl chloride	<0.019	mg/L	0.019	0.064	100		05/25/2018 10:00	05/30/2018 11:54	AGK	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	BOD incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
Louisiana NELAP (primary) ID# ACC20160002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# WI00061
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20160002

Rev. 02/2017

CHAIN OF CUSTODY

Page 1 of 3

Company: Strand Associates, Inc.
Project Contact: Luke Hellermann
Telephone (608) 251-4843
Project Name: E. Grand Avenue
Project #: 3860.004
Location: Wis. Rapids, WI
Sampled By: SBS

CT
Order # 136158
Company: STRAND ASSOCIATES
Project: E GRND AVE
Logged By: BNA PM: ET

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Program:
SM RCRA SDWA NPDES
Solid Waste Other _____
PO #

Report To: Steve Small
EMAIL: steve.small@strand.com
Company: Strand Associates, Inc
Address: 910 W. Wingra Dr.
Madison, WI 53715
Invoice To:*
EMAIL: SAME
Company:
Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
GW – groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Collection Date	Collection Time	Matrix	Grab/ Comp	Sample #	Sample ID Description	Filtered? Y/N	Lead	VOCs	TCLP Benzene	PVOCs	Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
5-14-18	14:31	S	Grab		SB-3-1 10'-12'	N	X	X			120735		PID = 0.1 ppm
5-14-18	14:56	S	Grab		SB-3-2 10'-12'	N	X	X			120736		PID = 0.0 ppm
5-14-18	13:25	S	Grab		SB-9-1 10'-12'	N	X	X			120737		PID = 0.2 ppm
5-14-18	16:00	S	Comp		SB-3 Comp	N			X		120738		—
5-14-18	13:46	S	Grab		SB-9-2 10'-12'	N	X	X			120739		PID = 0.4 ppm
5-14-18	13:50	S	Comp		SB-9 Comp	N			X		120740		—
5-14-18	16:21	S	Grab		SB-19-1 6'-8'	N	X			X	120741		PID = 804.3 ppm
5-14-18	15:36	S	Grab		SB-19-2 6'-8'	N	X		X	X	120742/120743		PID = 739 ppm
5-14-18	16:00	GW	Grab		SB-19	N				X	120744		—
5-14-18	10:20	S	Grab		SB-23-1 8'-10'	N	X			X	120745		PID = 0.1 ppm
5-14-18	10:50	S	Grab		SB-23-2 8'-10'	N	X			X	120746		PID = 0.1 ppm
5-14-18	11:35	S	Grab		SB-23-3 8'-10'	N	X			X	120747		PID = 0.5 ppm

Turnaround Time
Normal RUSH*
Date Needed: _____
Rush analysis requires prior CT Laboratories' approval
Surcharges:
24 hr 200%
2-3 days 100%
4-9 days 50%

Fill in Spaces with Bottles per Test

Relinquished By:	Date/Time	Received By:	Date/Time
	5/15/18		5/15/18 1630
Received by:	Date/Time	Received for Laboratory by:	Date/Time
			5-16-18 0912

Lab Use Only
Ice Present (Yes) No
Temp 3.6 IR Gun 24
Cooler # 5788853

Rev. 02/2017

CHAIN OF CUSTODY

Page 2 of 3

Company: Strand Associates, Inc
Project Contact: Luke Hellermann
Telephone: (608) 251-4843
Project Name: E. Grand Ave.
Project #: 3860.004
Location: Wis Rapids, WI
Sampled By: SSS

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Lab Use Only
Place Header Sticker Here:

136158

Program:
QSM RCRA SDWA NPDES
Solid Waste Other _____

PO #

Report To: Steve Small
EMAIL: Steve.Small@Strandcom
Company: Strand Associates, Inc.
Address: 910 W. Wingra Dr.
Madison, WI 53715

Invoice To:*
EMAIL:
Company: SAME
Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
GW – groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Collection Date	Collection Time	Matrix	Grab/ Comp	Sample #	Sample ID Description	Filtered? Y/N	Lead	PIDC	TCLP Benzene	VOCs TCL	Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
							Fill in Spaces with Bottles per Test						
5-14-18	11:50	S	Grab		SB-23-3 14'-15'	N	X	X			120748		PID = 0.2 ppm
5-14-18	12:00	S	Comp		SB-23 Comp	N			X		120749		—
5-15-18	10:55	S	Grab		SB-8-1 4'-6'	N				X	120750		PID = 0.1 ppm
5-15-18	11:01	S	Grab		SB-8-1 10'-12'	N				X	120751		PID = 0.0 ppm
5-15-18	10:20	S	Grab		SB-8-2 4'-6'	N				X	120752		PID = 0.2 ppm
5-15-18	10:26	S	Grab		SB-8-2 10'-12'	N				X	120753		PID = 0.2 ppm
5-15-18	9:40	S	Grab		SB-8-3 4'-6'	N				X	120754		PID = 0.1 ppm
5-15-18	9:46	S	Grab		SB-8-3 10'-12'	N				X	120755		PID = 0.1 ppm
5-15-18	11:50	S	Grab		SB-8-4 8'-10'	N				X	120756		PID = 0.1 ppm
5-15-18	12:45	S	Grab		SB-8-5 8'-10'	N				X	120757		PID = 0.1 ppm
5-15-18	13:20	S	Grab		SB-8-6 8'-10'	N				X	120758		PID = 0.1 ppm
5-15-18	13:30	S	Comp		SB-8 Comp	N					120759		—

Turnaround Time
Normal RUSH*
Date Needed: _____
Rush analysis requires prior CT Laboratories' approval
Surcharges:
24 hr 200%
2-3 days 100%
4-9 days 50%

Relinquished By:	Date/Time	Received By:	Date/Time
	5/15/18		5/15/18 1630
Received by:	**Date/Time**	**Received for Laboratory by:**	**Date/Time**
			5-16-18 0912

Lab Use Only
Ice Present (Yes) No
Temp 3.6 IR Gun 24
Cooler # 5938 5853

Rev. 02/2017

CHAIN OF CUSTODY

Page 3 of 3

Company: Strand Associates, Inc.
Project Contact: Luke Hellermann
Telephone: (608) 251-4843
Project Name: E. Grand Avenue
Project #: 3860.004
Location: Wis. Rapids, WI
Sampled By: SSS

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Lab Use Only
Place Header Sticker Here:

136158

Program:
QSM RCRA SDWA NPDES
Solid Waste Other _____

PO #

Report To: Steve Small
EMAIL: steve.small@strand.com
Company: Strand Associates, INC
Address: 910 W. Wingra Dr. Madison, WI 53715

Invoice To:*
EMAIL: SAME
Company:
Address:

*Party listed is responsible for payment of Invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
GW – groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Turnaround Time
Normal RUSH*
Date Needed: _____
Rush analysis requires prior CT Laboratories' approval
Surcharges:
24 hr 200%
2-3 days 100%
4-9 days 50%

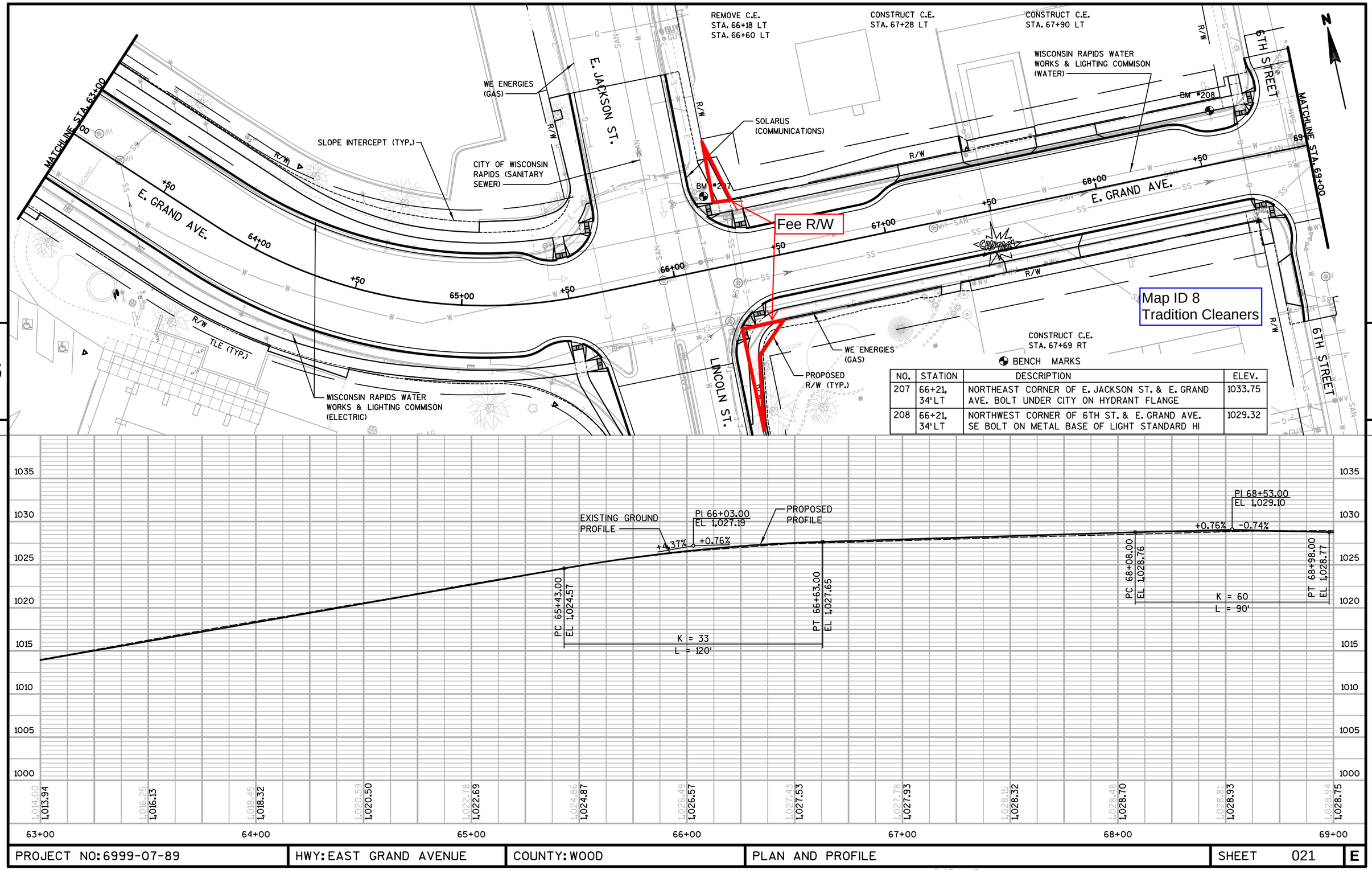
Collection Date	Collection Time	Matrix	Grab/ Comp	Sample #	Sample ID Description	Filtered? Y/N	ANALYSES REQUESTED: VOC	Lead	MRO	PCB Benzene	Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
							Fill in Spaces with Bottles per Test						
5-15-18	13:45	GW	Grab		SB-8-6 GW	N	X				120760		—
5-15-18	8:36	S	Grab		SB-8-7 6-8'	N	X				120761		PID=0.2 ppm
5-15-18	8:41	S	Grab		SB-8-7 10-12'	N	X				120762		PID=0.1 ppm
5-15-18	9:00	GW	Grab		SB-8-7 GW	N	X				120763		—
5-15-18	7:55	S	Grab		SB-41-1 8-10'	N	X	X	X	X	120764/120765		PID=0.1 ppm

Relinquished By:
Date/Time 5/15/18
Received by:
Date/Time

Received By:
Date/Time 5/16/18 1630
Received for Laboratory by:
Date/Time 5-16-18 0912

Lab Use Only
Ice Present (Yes) No
Temp 3.6 IR Gun 24
Cooler # 528 553

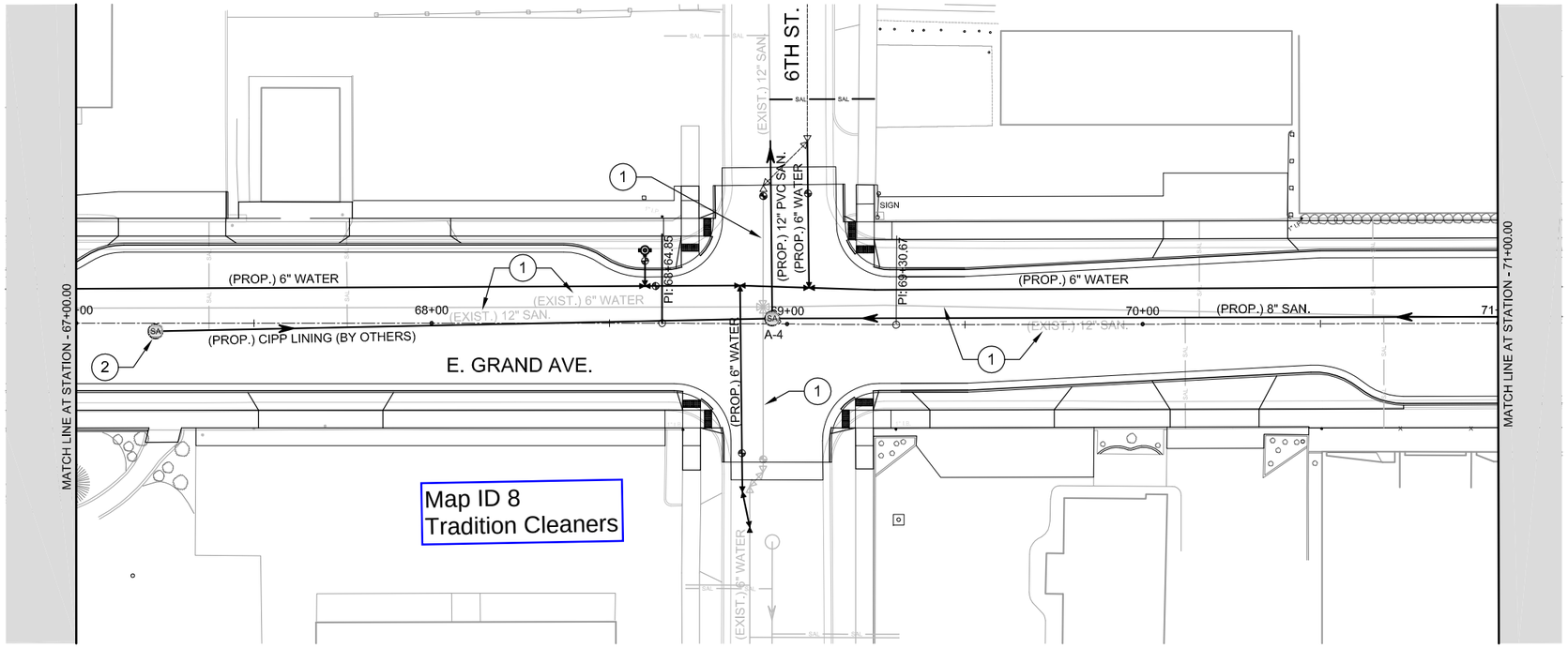
APPENDIX C
SITE BACKGROUND INFORMATION



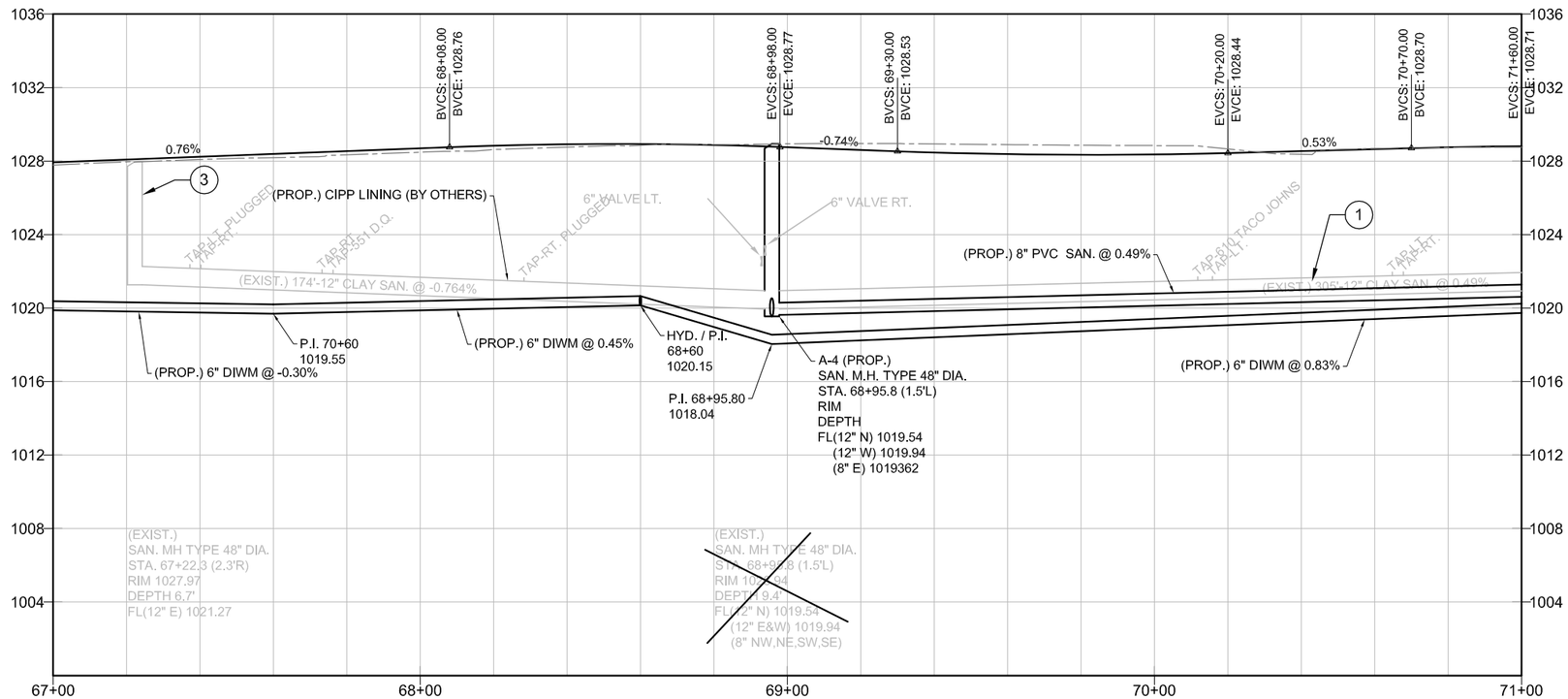
NO.	STATION	DESCRIPTION	ELEV.
207	66+21, 34'LT	NORTHEAST CORNER OF E. JACKSON ST. & E. GRAND AVE. BOLT UNDER CITY ON HYDRANT FLANGE	1033.75
208	66+21, 34'LT	NORTHWEST CORNER OF 6TH ST. & E. GRAND AVE. SE BOLT ON METAL BASE OF LIGHT STANDARD HI	1029.32

PROJECT NO: 6999-07-89	HWY: EAST GRAND AVENUE	COUNTY: WOOD	PLAN AND PROFILE	SHEET 021	E

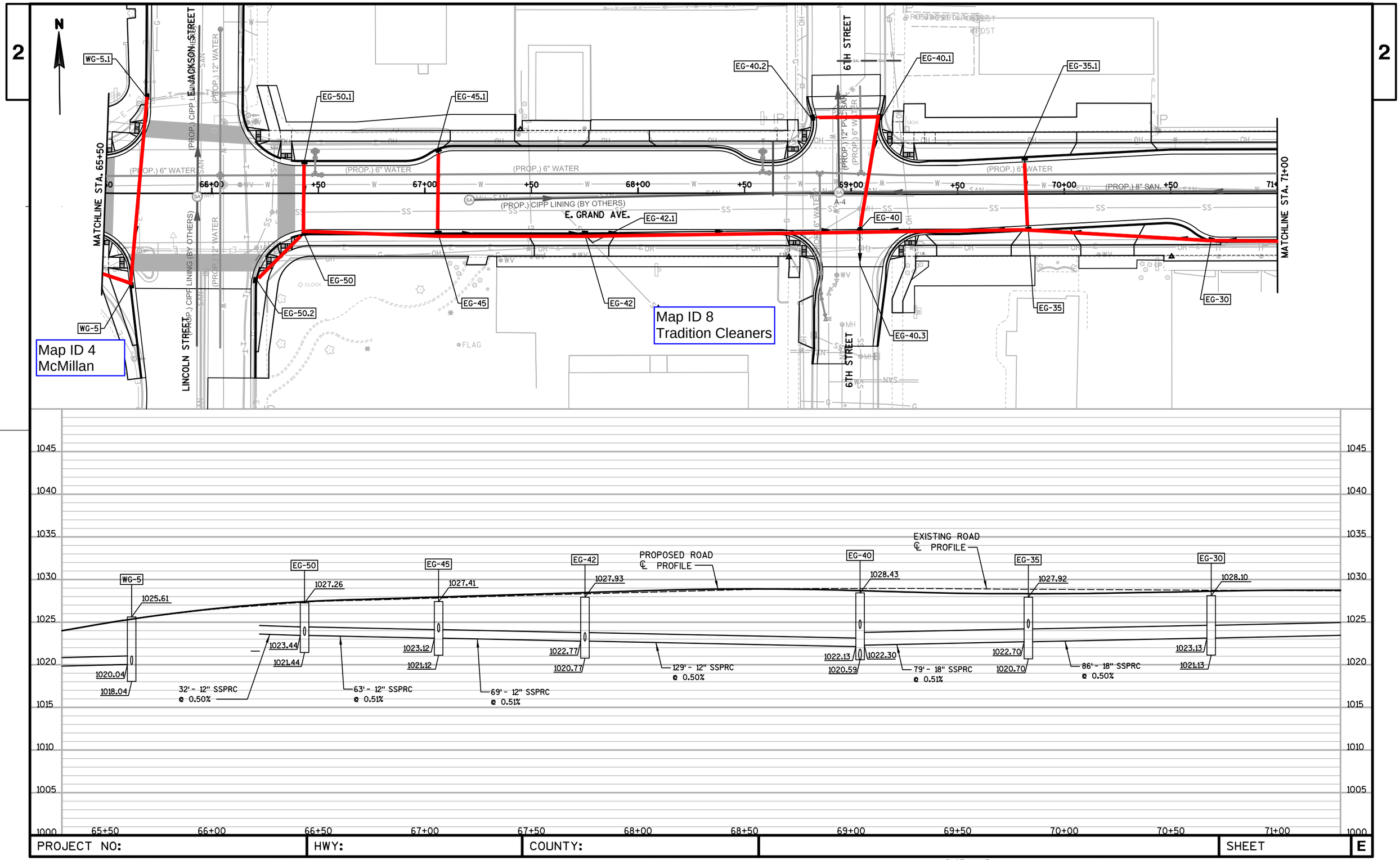
2



1. REMOVE EXISTING SANITARY AND/OR WATERMAIN.
2. REPLACE RINGS AND ADJUST CASTING.
3. MANHOLE REHAB (BY OTHERS).



PROJECT NO: 6999-07-89	HWY: EAST GRAND AVENUE	COUNTY: WOOD	EAST GRAND AVENUE SEWER AND WATER MAIN	SHEET 015	E



PROJECT NO:	HWY:	COUNTY:		SHEET	E

Appendix F
Tradition Cleaners Site
1945 Sanborn Map

102

WIS. 517.

16

WISCONSIN RAPIDS, WIS.
SEPT. 1926

SCALE 100 FT TO AN INCH

WYTHE

BAKER

WISCONSIN

AVON

SARATOGA

PROSPECT

OAK

E. GRAND (ARBOR) AV.

PEACH

AVON ST.

N. 5TH ST.

N. 6TH ST.

N. 7TH ST.

N. 8TH ST.

N. 9TH ST.

N. 10TH ST.

N. 11TH ST.

S. 5TH ST.

S. 6TH ST.

S. 7TH ST.

S. 8TH ST.

S. 9TH ST.

S. 10TH ST.

S. 11TH ST.

HOWE PUBLIC SCHOOL

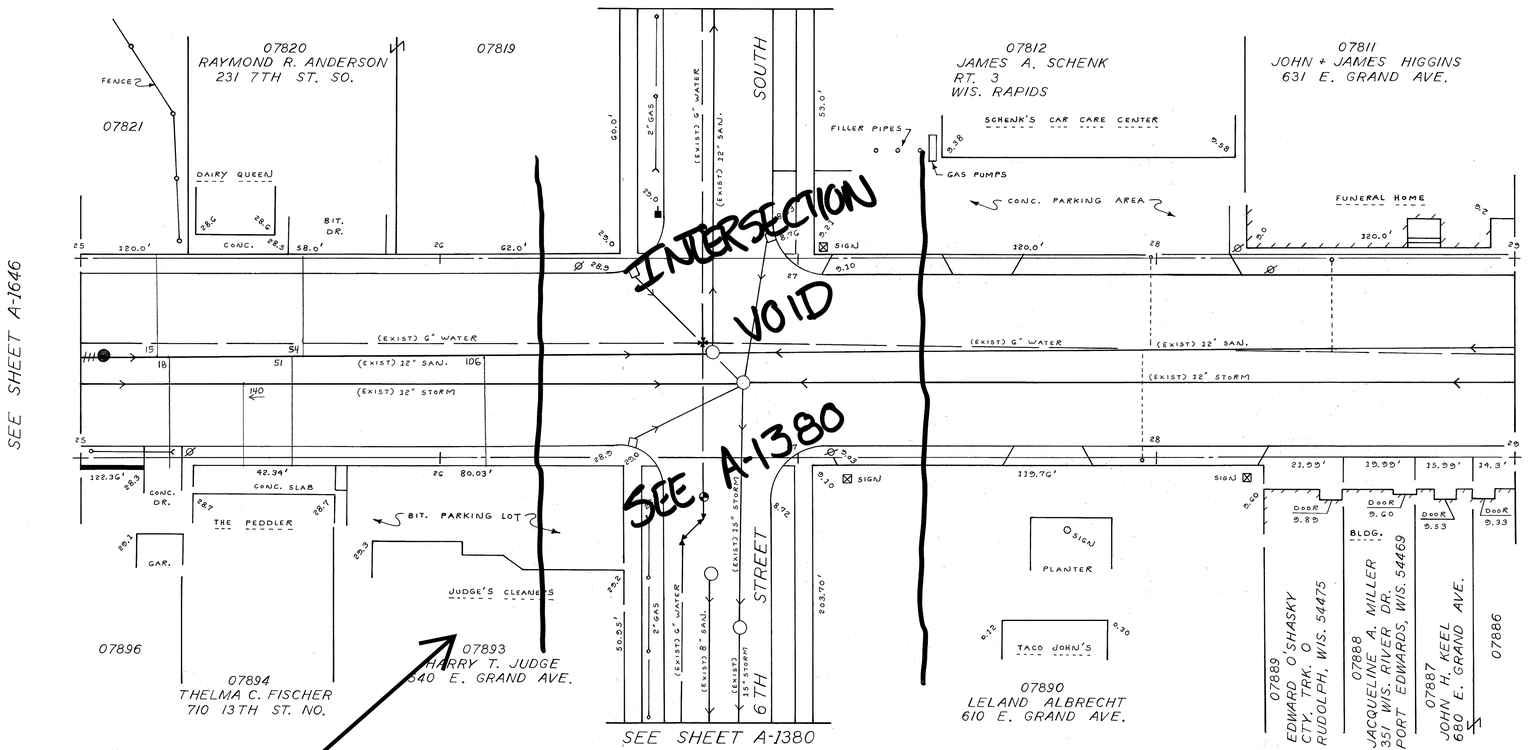
Scale 100 Ft to One Inch.

Copyright 1926 by the Sanborn Map Co.

Site Shown as Filling Station

1945

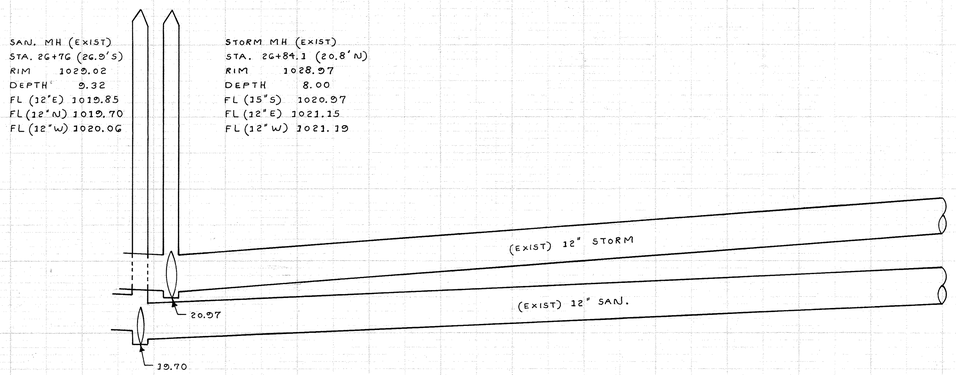
East Grand Avenue
3rd Street to 8th Street
Appendix F - Tradition Cleaners Site
1984 Historic Record Drawing



SCALE 1:20'

BENCH MARKS			
NO.	LOCATION	DESCRIPTION	ELEVATION
208	NW COR- 6TH & E. GRAND AVE.	BLUE MARK ON METAL BASE OF LIGHT STD.	1029.246

Map I.D. 8
Judges Cleaners Shown at Site



1032 1031 1030 1029 1028 1027 1026 1025 1024 1023 1022 1021 1020 1019 1018 1017 1016 1015 1014 1013 1012

25+00 26+00 27+00 28+00 29+00

CHECK LIST	BY	DATE
BENCHMARKS		
BLOCK CORNERS		
PROFILE & SECTIONS		
SCUM DRAWING	GLJ	3-84
FINAL DRAWING		
DESIGN APPROVAL		
RECORD DRAWING		
SEWER		
WATER		
GAS		
ELECTRIC POWER		
TELEPHONE		
OTHER		

PROJECT: EAST GRAND AVENUE

LOCATION: 180' W. TO 220' E. OF 6TH ST. SO.

FIELD NOTES: BOOK PAGE

REVISIONS: BY DATE

ASSESSMENTS:

PREPARED BY ENGINEERING DEPARTMENT CITY OF WISCONSIN RAPIDS WOOD COUNTY WISCONSIN

DRAWING NO. A-1647

SHEET OF

Wisconsin Department of Natural Resources

Environmental Cleanup & Brownfields Redevelopment

BRRTS on the Web

Click the Location Name below to view the Location Details page for this Activity. Other Activities, if present, may be viewed from that page.

BOTW Home > Basic Search >> 02-72-000412 Activity Details

02-72-000412 HANGERS CLEANERS - WI RAPIDS

ERP - CLOSED

Cleanup has been approved at this location but some contamination remains. Due to this remaining residual contamination, one or more continuing obligations are applicable to this location (e.g., an asphalt cap or other barrier covering the contamination). For information specific to the continuing obligations at this location, read the Closure Letter within the GIS Registry Packet in the Documents section below. For general information on managing continuing obligations and residual contamination click here. **You must contact DNR before constructing a well. Remaining contamination must be properly handled if disturbed.**

Location Name (Click Location Name to View Location Details)				County	WDNR Region
JUDGES CLEANERS				WOOD	WEST CNTRL
Address				Municipality	
540 GRAND AVE				WISCONSIN RAPIDS	
Public Land Survey System			Latitude	Google Maps	RR Sites Map
SE 1/4 of the NW 1/4 of Sec 17, T22N, R06E			44.3879783	CLICK TO VIEW	CLICK TO VIEW
Additional Location Description			Longitude	Facility ID	Size (Acres)
NONE			-89.8197862	772063270	.5
Jurisdiction	PECFA No.	EPA Cerclis ID	Start Date	End Date	Last Action
DNR RR			1992-06-01	2008-04-28	2009-09-16

Characteristics

PECFA Tracked?	EPA NPL Site?	Eligible for PECFA Funds?	Above Ground Storage Tank?	Drycleaner?	Co-Contamination?	On GIS Registry?
No	No	No	No	Yes	No	Yes

Actions

Place Cursor Over Action Code to View Description

Date	Code	Name	Comment
1992-06-01	1	Notification	
1992-11-17	43	Status Report Received	
1994-02-15	2	RP Letter Sent	
1994-03-11	43	Status Report Received	
1995-08-07	43	Status Report Received	
1998-07-02	99	Miscellaneous	PROD. REPLY 8/3/98.
1998-07-13	99	Miscellaneous	RP RESPONSE TO PROD.
1999-04-28	35	Site Investigation Workplan Received (w/out Fee)	
1999-07-14	39	Remedial Action Options Report Received (w/out Fee)	
1999-07-14	36	Site Investigation Workplan Approved	
1999-12-20	37	SI Report Received (w/out Fee)	
2000-02-07	140	Site Investigation Report Not Approved	ADD'L SAMPLING REQ'D
2000-03-28	110		AKA HANGERS

		Date Potential Claim Form Approved - DERF	
2001-10-18	218	Application for Cost Reimbursement Approved - DERF	AUTO-POPULATED BY CAOS
2002-06-10	43	Status Report Received	
2002-06-10	147	Remedial Action Design Report Received (w/out Fee)	
2002-07-09	81	Site Investigation Workplan Not Approved	ADD'L INVESTIGATION AND WELL REPLACEMENT REQUIRED
2002-07-09	150	Remedial Action Design Report Not Approved	INCOMPLETE SI & NO APPROVED RAOR
2002-09-16	35	Site Investigation Workplan Received (w/out Fee)	
2002-10-29	81	Site Investigation Workplan Not Approved	
2002-11-11	36	Site Investigation Workplan Approved	
2002-12-16	38	Site Investigation Report Approved	
2003-01-09	37	SI Report Received (w/out Fee)	
2003-02-07	99	Miscellaneous	ADD'L SI WORK NEEDED
2003-03-03	35	Site Investigation Workplan Received (w/out Fee)	
2003-03-03	36	Site Investigation Workplan Approved	
2003-08-06	43	Status Report Received	
2004-01-16	39	Remedial Action Options Report Received (w/out Fee)	
2004-04-21	40	Remedial Action Options Report Approved	
2004-06-10	113	Receipt of Bid Review Requests - DERF	
2004-06-21	217	Application for Cost Reimbursement Received - DERF	
2004-06-29	99	Miscellaneous	HANGERS CLEANERS' REIMBURSEMENT APPLICATION FORWARDED TO CF
2004-07-30	99	Miscellaneous	URS REMEDIAL ACTION BID APPROVED
2004-10-01	147	Remedial Action Design Report Received (w/out Fee)	
2004-11-29	112	Receipt of Change Orders - DERF	
2004-12-01	99	Miscellaneous	CHANGE ORDER COSTS DENIED DUE TO INCREASED UNIT RATE AND INELIGIBLES
2005-03-23	43	Status Report Received	
2005-09-15	218	Application for Cost Reimbursement Approved - DERF	
2006-03-23	41	Remedial Action Report Received	SOIL INJECTION REPORT
2006-04-20	112	Receipt of Change Orders - DERF	
2006-05-10	99	Miscellaneous	DENIED CHANGE ORDER
2006-06-21	99	Miscellaneous	RA REPORT WILL BE REVIEWED AT THE COMPLETION OF 2 MORE ROUNDS OF GW MONITORING.
2006-09-19	99	Miscellaneous	CHANGE ORDER DATED 9/18/06 DENIED DUE TO INELIGIBLE & DUPLICATE EXPENSES.
2006-09-19	112	Receipt of Change Orders - DERF	
2006-10-13	112	Receipt of Change Orders - DERF	
2006-10-16	99	Miscellaneous	CHANGE ORDER DATED 10/11/06 APPROVED.
2007-06-25	112	Receipt of Change Orders - DERF	
2007-07-09	112	Receipt of Change Orders - DERF	
2007-07-09	99	Miscellaneous	COSTS TOO HIGH.
2007-07-17	99	Miscellaneous	INELIGIBLE EXPENSES.
2007-08-07	218	Application for Cost Reimbursement Approved - DERF	
2007-08-14	112	Receipt of Change Orders - DERF	
2007-08-15	99	Miscellaneous	CHANGE ORDER APPROVED.
2008-01-02	50	GIS Registry Site	

			THIS ACTION AUTOPOPULATED BY 700 OR 710 ACTION ENTRY
Linked to Code 50:		02-72-000412 GIS Registry Packet Click to Download or Open	
2008-01-02	79	Closure Review Request Received	CK #1414
2008-01-02	710	Date Soil Registry Fee Paid	CK #1414
2008-01-02	700	Date Groundwater Registry Fee Received	CK #1414
2008-01-11	80	Closure Not Approved	IC
2008-04-28	232	Continuing Obligation - Residual Soil Contamination	
2008-04-28	56	Continuing Obligation(s) Required - GIS Registry Site	
2008-04-28	236	Continuing Obligation - Residual GW Contamination	
2008-04-28	11	Activity Closed	
2008-04-28	222	Continuing Obligation - Maintain Cap Over Contaminated Area	
2008-05-06	100	GIS Registry QAQC Completed	
2008-06-30	218	Application for Cost Reimbursement Approved - DERF	AUDIT OF RA F CLAIM COMPLETE. REIMB CHECK NOT YET SENT, NO FUNDS AVAILABLE. WILL BE ISSUED ASAP
2009-09-16	99	Miscellaneous	CHECK FOR FINAL RA CLAIM (DC-264, RCVD MAY 2008) MAILED 9/16/09

Financial

Grants, Loans, DERF Expenditures, State-Funded and Spill Response

Category	Fiscal Year	Amount
DERF Reimbursements : Grant	2002	$33,649
DERF Reimbursements : Grant	2002	$13,222
DERF Reimbursements : Grant	2005	$36,286
DERF Reimbursements : Grant	2006	$52,516
DERF Reimbursements : Grant	2008	$21,806
DERF Reimbursements : Grant	2008	$7,711

Impacts

Type	Comment
Contamination in Right of Way	GRAND AVE, LINCOLN ST, & GARFIELD ST.
Groundwater Contamination	-
Off-Site Contamination	GW 490 E GRAND AVE, MCMILLAN MEMORIAL LIBRARY
Off-Site Contamination	GW 231 LINCOLN ST
Soil Contamination	SOIL CONTAMINATION

Substances

Substance	Type	Amount Released	Units
Petroleum - Unknown Type	Petroleum		
Perchloroethylene	VOC		

Who

Click name of Project Manager or File Contact to compose email

Role	Name/Address
Project Manager	TOM HVIZDAK 473 GRIFFITH AVE WISCONSIN RAPIDS, WI 54494
Responsible Party	JUDGE ESTATE 1109 MOHICAN PASS MADISON, WI 53711

Quick Response Codes

Scan the QR Code to transfer to your wireless device

	This Page URL	Google Maps	GIS Registry PDF	

Search Instructions	Search by Site, Owner, or Tank Characteristics	Search by Tank ID

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 97809 JUDGES DRY CLEANERS	71 - WOOD	ID: 330408
540 E GRAND AVE	City of WISCONSIN RAPIDS	JUDGES CLEANERS CORP
WISCONSIN RAPIDS	Fire Dept ID: 7114 - Wisconsin Rapids	2400 INDUSTRIAL ST
Landowner Type: Private		WISCONSIN RAPIDS WI 54494

Site Anniversary Date: Dispensers have Sumps: Unknown

Underground Storage Tank - ID: 380022, Wang ID: 711400311, Closed Filled With Inert Material as of 01/01/1970

Install Date:		**Capacity in Gallons:**	1111	**Contents:**	Unknown
Tank Occupancy:	Other	**Marketer:**	N	**CAS Number:**	
Federally Regulated:	Y	**Spill Protection:**	Required - Not Installed	**Overfill Protection:**	Required - Not Installed
Overfill Prot Type:	null	**Containment Sump Installed:**	Unknown		
Corrosion Protect Type:		**Date of Lining:**		**Lining Inspected Date:**	
Leak Detection:	Unknown	**Cath Test Date:**		**Cath Expire Date:**	
Leak Test Meth:		**Leak Expire Date:**		**Leak Test Date:**	
Construction Material:	Unknown	**Wall Size:**	Single	**Underground Piping:**	Y
Close Order Date:		**Close Order By:**			

Piping - Closed Filled With Inert Material

Flex Connectors:		**UST mainfolded:**		**Related Tank ID:**	
Type:		**Aboveground Piping:**		**Aboveground Pipe Construction:**	
Construction Material:	Unknown	**Corrosion Protect Type:**		**Leak Detection:**	Unknown
Cath Test Date:		**Cath Expire Date:**		**Leak Test Meth:**	
Leak Test Date:		**Leak Expire Date:**		**Pipe Wall Size:**	Single
Catastrophic Leak Detection:		**Cat Leak Test Date:**		**Piping System Type:**	Unknown

Inspections Click here for login page

Trans ID	Type	Status	Date Fiscal Yr
** No inspections for this tank **			

Close this response window

Wisconsin Department of Safety and Professional Services

Wisconsin Department of Natural Resources

The Official Internet site for the Wisconsin Department of Natural Resources
101 S Webster Street PO Box 7921 Madison, Wisconsin 53707-7921 608 266 2621

WDNR SHWIMS on the Web

Navigation: SOTW Home >> Basic Search >> Search Results >> Location Detail

JUDGES CLEANERS
Facility Name

HELP

General Information

Facility Name			County	WDNR Region
JUDGES CLEANERS			WOOD	WEST CENTRAL REGION
Facility Status	**FID**	**EPA ID**	**SIC Code**	**NAICS Code**
OPERATING	772063270	WID982062465	7216	NONE
Physical Address Find on Google Maps [Exit DNR]		**Municipality**	**State**	**Zip**
540 GRAND AVE		WISCONSIN RAPIDS	WI	54494
Mailing Address		**City**	**State**	**Zip**
540 GRAND AVE		WISCONSIN RAPIDS	WI	54494
Facility Owner Type	**Public Land Survey System Desc.**		**Latitude and Longitude**	
PRIVATE	SE 1/4 of the NW 1/4 of Sec 17, T22N, R06E		NOT AVAILABLE	

Facility Owner(s)

JUDGES LAUNDRY & DRYCLEANERS INC 2400 INDUSTRIAL ST WISCONSIN RAPIDS, WI 54494

Waste Management Activities at this Location

Activity Type Click to view details	Activity Status	License No.
HW GENERATOR - SMALL	INACTIVE	N/A

Other Activities at this Location

Activity Number and Name Click to view details on AW/RR BOTW	Type/Status
02-72-000412 HANGERS CLEANERS - WI RAPIDS	ERP - CLOSED

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Scott Humrickhouse, Regional Director

Wisconsin Rapids Service Center
473 Griffith Avenue
Wisconsin Rapids, Wisconsin 54494
Telephone 715-421-7800
FAX 715-421-7830
TTY Access via relay - 711

April 28, 2008

BRRTS# 02-72-000412

Mr. Tom Judge
Hangers Cleaners
2150 Maple Drive
Plover, WI 54467-3980

Certified Letter
USPS Article #7006 3450 0002 0273 3626

SUBJECT: Final Case Closure with Land Use Limitations or Conditions
Hangers Cleaners – Wisconsin Rapids Store
540 East Grand Avenue, Wisconsin Rapids, Wisconsin

FILE COPY

Dear Mr. Judge:

On January 10, 2008, the Wisconsin Department of Natural Resources Westcentral Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On January 11, 2008, you were notified that the Closure Committee had granted conditional closure to this case.

On April 21, 2008, the Department received correspondence indicating that you have complied with the requirements of closure. The conditions for closure included monitoring well abandonment, documentation indicating that all waste generated as part of the site investigation and cleanup of this site was disposed of or treated in accordance with Department of Natural Resources' rules, and placement of the site on the State's GIS Registry of Closed Remediation Sites. In addition, due to the residual contamination at this site the Closure Committee required that land use controls be placed on the property including submitting and gaining DNR approval of a maintenance plan to maintain the asphalt parking lot over the residual contaminated soil on the property.

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

GIS Registry

The conditions of case closure set out below in this letter require that your site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

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

- Groundwater contamination is present above Chapter NR 140 enforcement standards

Information that was submitted with your closure request application and approved cap maintenance plan will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line http://dnr.wi.gov/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

Cover or Barrier

Pursuant to s. 292.12(2)(a), Wis. Stats., the asphalt parking lot and building that currently exists in the location shown on the attached map shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

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

Prohibited Activities

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

Remaining Residual Groundwater Contamination

Groundwater impacted by chlorinated solvent-related contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present both on the source property and off the source property. Off-property owners have been notified of the presence of groundwater. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program's GIS Registry at the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm.

Vapor Migration

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

Operating Dry Cleaners

You should know that in order to remain eligible for future reimbursement of cleanup costs from the Dry Cleaner Environmental Response Fund (DERF), within 90 days of the date of this letter, the owner or operator of the dry cleaning facility must implement enhanced pollution prevention measures found in Section 292.65(5)(a)2, Wis. Statutes, and NR 169.11(2), Wis Adm. Code. Currently, in accordance with Section 292.65(8)(f), Wis. Stats., the maximum amount of money that DERF can reimburse to any facility is $500,000. The enhanced pollution prevention measures that must be implemented to remain eligible for DERF include:

- all wastes must be managed in accordance with federal and state hazardous waste rules;
- dry cleaning product or wastewater may not be discharged into any sanitary sewers, septic tanks, or any waters of the State;
- a containment structure must entirely surround and be capable of containing any spill or release of a dry cleaning product from a dry cleaning machine or other equipment;
- the floor within any containment structure must be sealed and be impervious to dry cleaning product;
- perchloroethene must be delivered to the dry cleaning facility by means of a closed, direct coupled delivery system.

In order to retain eligibility, you will need to verify that you have implemented the pollution prevention measures described above. You may wish to keep documentation in your files, such as invoices and photographs, of any enhanced pollution prevention measures you implement, in order to provide future verification.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Tom Hvizdak at (715) 421-7850.

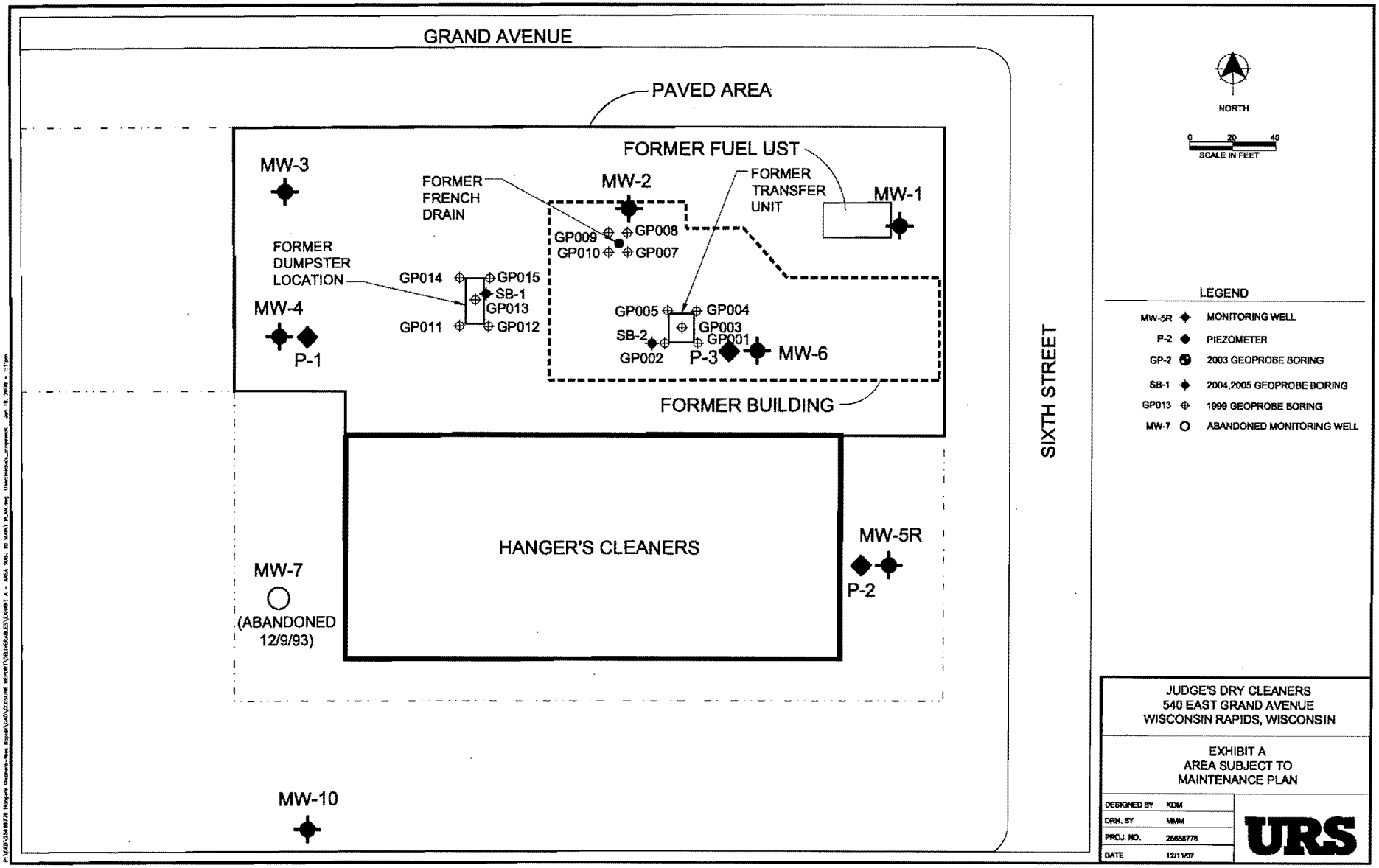
Sincerely,

William Evans

William Evans
Westcentral Remediation & Redevelopment Team Supervisor

Attachment: Pavement Cover and Building Maintenance Plan

c: Kurt McClung, URS, 6737 W. Washington St., Suite 2265, Milwaukee, WI 53214
Tom Hvizdak - WDNR



JUDGE'S DRY CLEANERS
540 EAST GRAND AVENUE
WISCONSIN RAPIDS, WISCONSIN

EXHIBIT A
AREA SUBJECT TO
MAINTENANCE PLAN

DESIGNED BY	KDM
DRN. BY	MMM
PROJ. NO.	26686776
DATE	12/11/07

URS

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Scott Humrickhouse, Regional Director

Wisconsin Rapids Service Center
473 Griffith Avenue
Wisconsin Rapids, Wisconsin 54494
Telephone 715-421-7800
FAX 715-421-7830

January 11, 2008

BRRTS #: 02-72-000412

Mr. Tom Judge
Hangers Cleaners
2150 Maple Drive
Plover, WI 54467-3980

FILE COPY

RE: Case Closure Denial with Steps to Achieve Final Closure
Former Judge's Cleaners
540 East Grand Avenue, Wisconsin Rapids, Wisconsin.

Dear Mr. Judge:

On January 10, 2008, the Wisconsin Department of Natural Resources Westcentral Region Closure Committee reviewed your request for closure of the case described above. The Westcentral Region Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of your closure request, the Westcentral Region Closure Committee has denied closure because additional requirements must be met. The purpose of this letter is to inform you of the remaining requirements for obtaining closure, and to request your written response within 60 days of receiving this letter.

Additional site work is necessary at the above described site in order to meet the requirements for site closure. Your site was denied closure because the residual soil contamination remaining at the site warrants a land use control be placed on the property requiring the continued use and maintenance of an impermeable cap over the site.

- To close this site, the Department requires that the asphalt parking lot and building covering the site must be maintained to minimize direct contact and for groundwater protection. The cover is to be maintained in accordance with a plan prepared and submitted to the Department pursuant to s. NR 724.13(2), Wis. Adm. Code. The maintenance plan should be submitted to the Department for review and approval.

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

- The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-005 found at http://dnr.wi.gov/org/water/dwg/gw/ or provided by the Department of Natural Resources. NOTE: MONITORING WELLS SHOULD BE ABANDONED ONLY IF ALL OTHER REQUIREMENTS OF CLOSURE ARE MET.

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

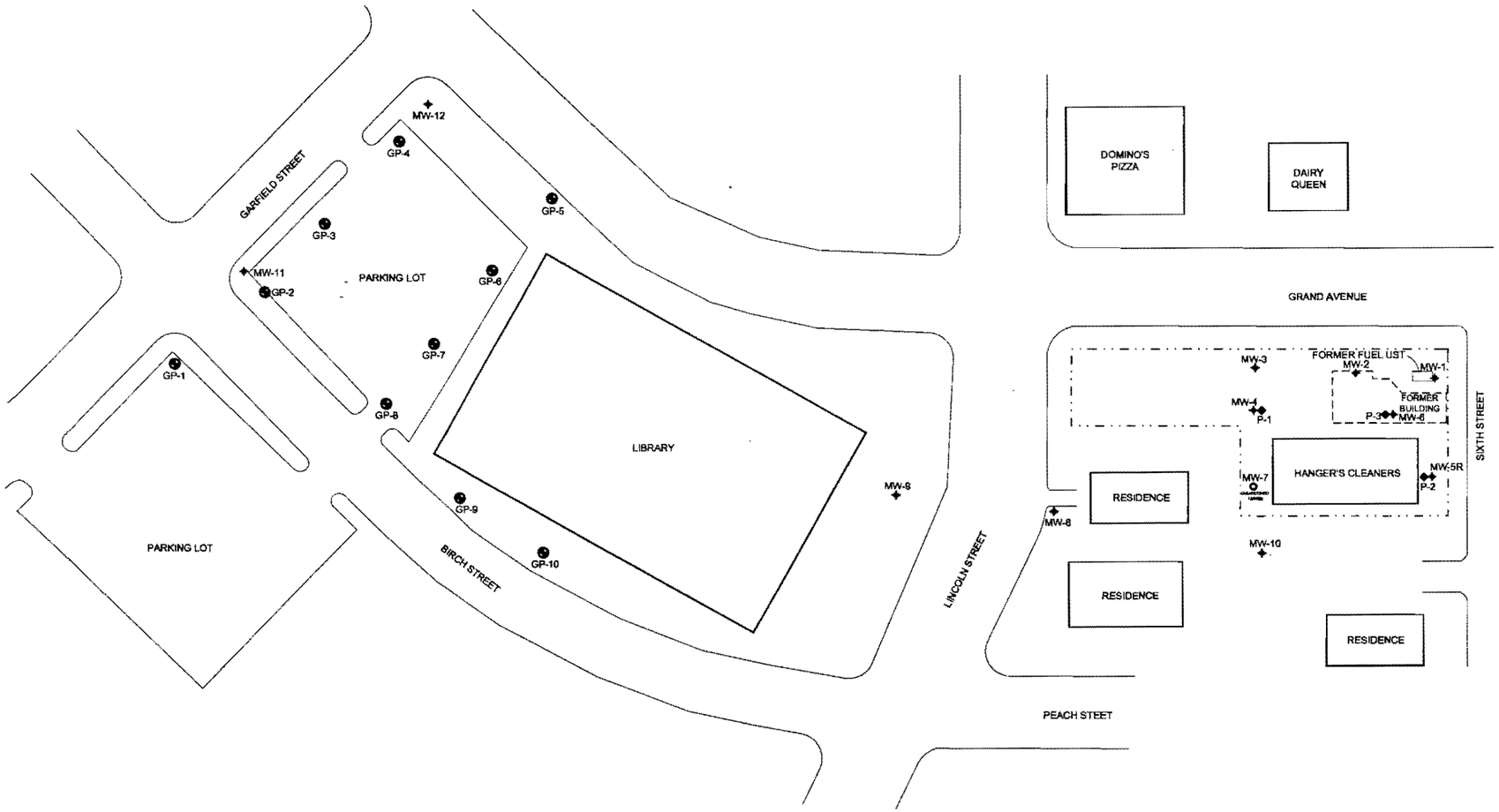
Note: case closure will be approved only if all the above requirements have been satisfied, including submitting the required documentation to the Department. **Please satisfy these requirements within 60 days of the date of this letter. If these requirements have not been met your site will remain "open"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

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (715) 421-7850.

Sincerely,

Tom Hvizdak
Hydrogeologist

c: Kurt McClung, URS, 6737 W. Washington St., Suite 2265, Milwaukee, WI 53214
Jillian Steffes - WDNR



NORTH

0 40 80

SCALE IN FEET

LEGEND

MW-5R	MONITORING WELL
P-2	PIEZOMETER
GP-2	2003 GEOPROBE BORING

JUDGE'S DRY CLEANERS
540 EAST GRAND AVENUE
WISCONSIN RAPIDS, WISCONSIN

FIGURE 2
SITE LAYOUT

DESIGNED BY	KDM
DRN. BY	MMM
PROJ. NO.	25688776
DATE	01/23/2006

URS

P:\GB\25688776 Hangers Cleaners- Wisc Rapids\CAD\CLOSURE REPORT\DELIVERABLES\Fig 2 - SITE LAYOUT.dwg User:mleteie_mgpostck Dec 28, 2007 - 11:42am

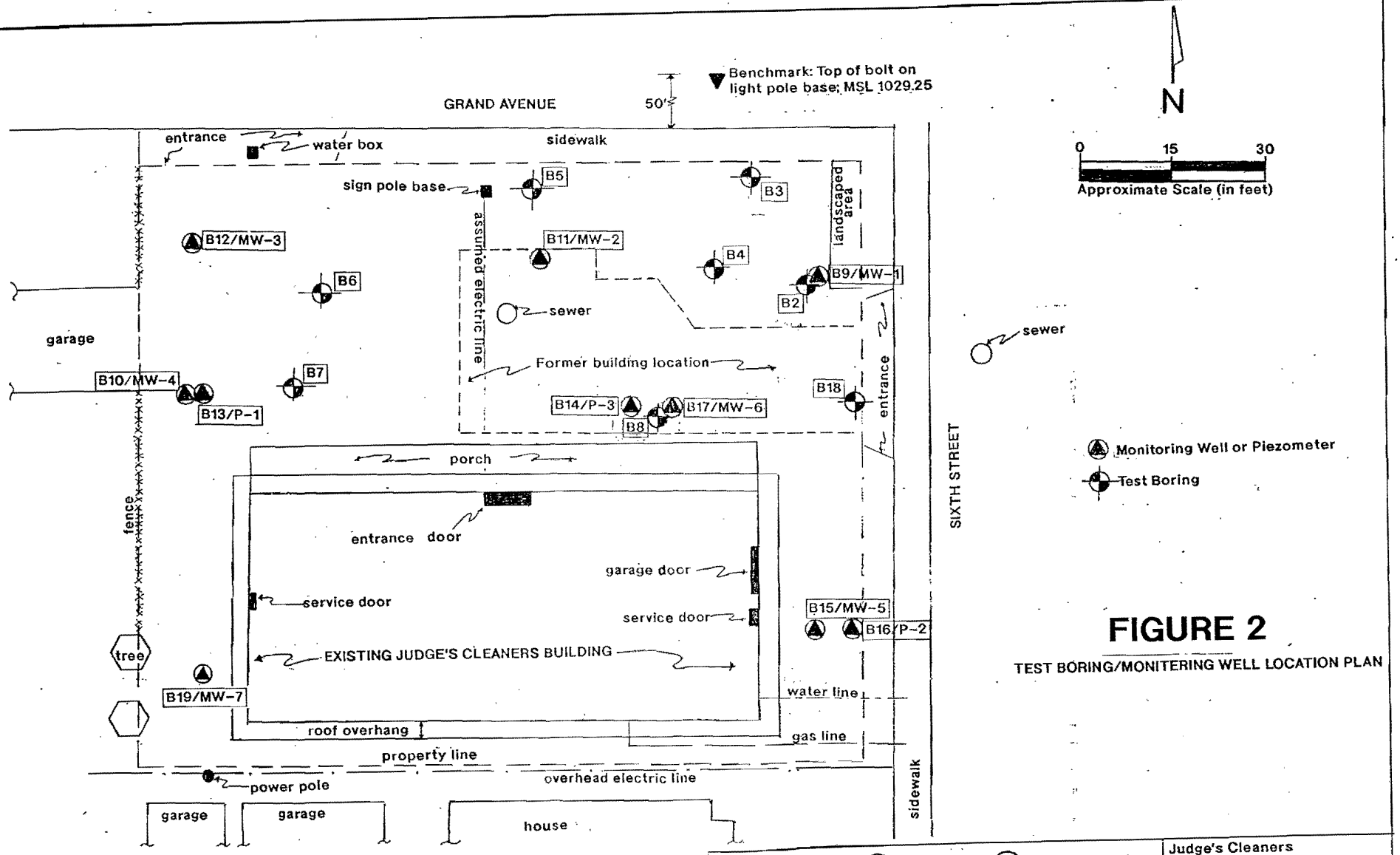
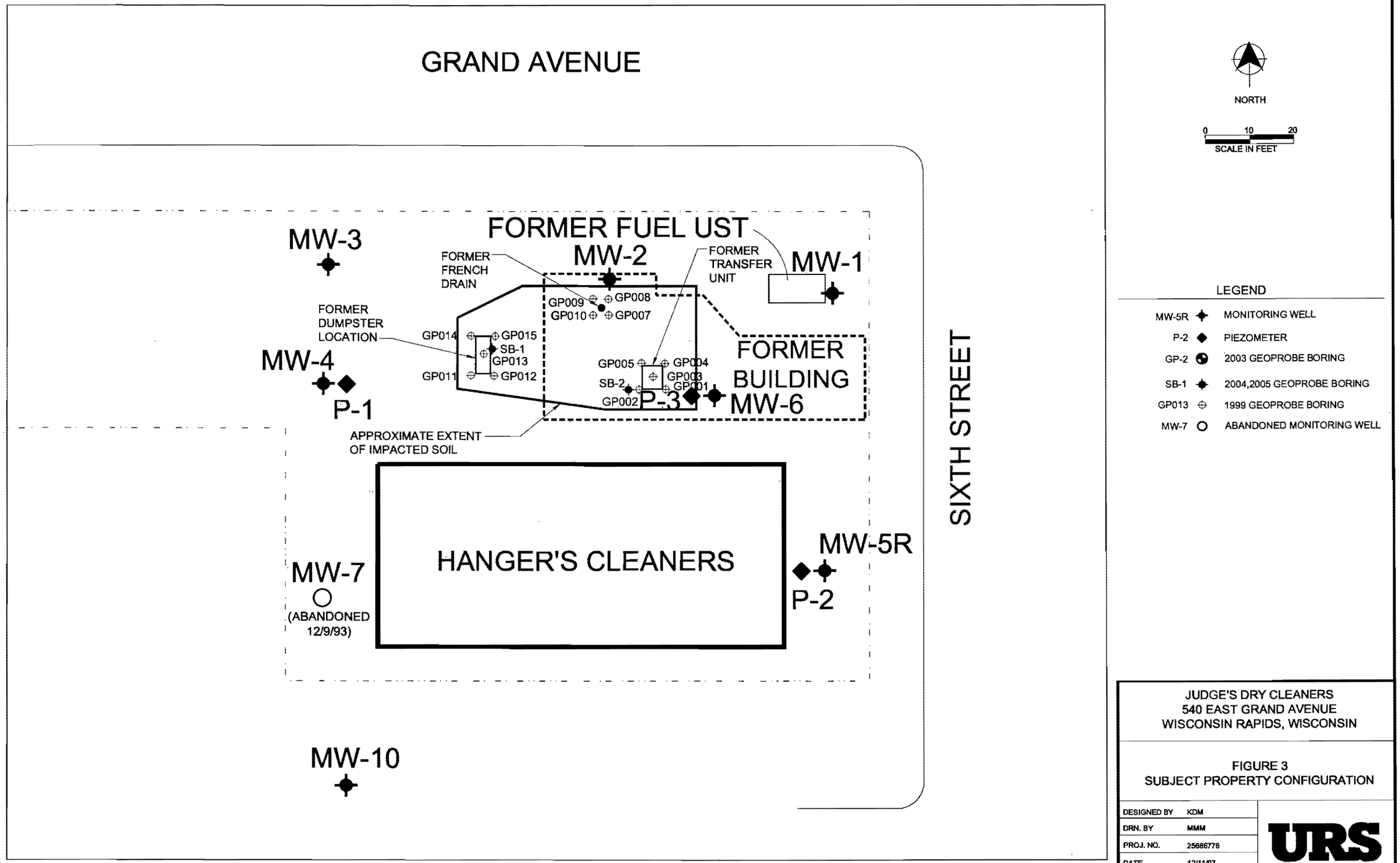


FIGURE 2

TEST BORING/MONITERING WELL LOCATION PLAN

GILES ENGINEERING ASSOCIATES, INC.
Geotechnical Geo-Environmental Geo-Hydrological and Construction Materials Consultants

Judge's Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin
GEA Project No. 1E-930360



JUDGE'S DRY CLEANERS
540 EAST GRAND AVENUE
WISCONSIN RAPIDS, WISCONSIN

FIGURE 3
SUBJECT PROPERTY CONFIGURATION

DESIGNED BY	KDM
DRN. BY	MMM
PROJ. NO.	25686776
DATE	12/11/07

URS

P:\GED\25686776 Hangers Cleaners-Wisc Rapids\CAD\CLOSURE REPORT\DELIVERABLES\FIG 3 -- SUBJECT PROPERTY CONFIG.dwg User:michelle_megavoek Dec 28, 2007 - 11:43am

Table 3
Groundwater Sampling Analytical Results Summary
Judge's Dry Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	MW-1										MW-2									
			03/31/93	10/01/99	02/01/02	12/05/02	06/17/03	11/22/04	04/21/05	08/26/05	06/22/06	11/08/06	04/01/93	10/01/99	02/01/02	12/05/02	06/17/03	11/22/04	04/21/05	08/26/05	06/22/06	11/08/06
Volatile organic compounds (µg/L) [1] :											*DRY*	*DRY*										
Chloromethane	0.3	3	<1	<0.25	<0.24	<0.25	<0.24	<0.14	<0.24	<0.24	[3]	[3]	<1	<0.25	<0.24	0.53	<0.24	<1.4	<1.2	<1.2	<4.2	<0.50
cis-1,2-Dichloroethene	7	70	<1	<0.25	<1	<0.25	<0.40	<0.15	<0.40	<0.40	[3]	[3]	<1	<0.25	<1	<0.25	<0.40	<1.5	<2.0	<2.0	<0.48	<0.48
trans-1,2-Dichloroethene	20	100	<1	<0.25	<0.23	<0.25	<0.35	<0.17	<0.35	<0.35	[3]	[3]	<1	<0.25	<0.23	<0.25	<0.35	<1.7	<1.7	<1.7	<0.42	<0.42
p-Isopropyltoluene	--	--	<1	<0.25	<0.2	<0.25	<0.30	<0.18	<0.30	<0.30	[3]	[3]	<1	<0.25	<0.2	<0.25	<0.30	<1.8	<1.5	<1,5	<0.70	<0.70
Methylene chloride[2]	0.5	5	<5	<0.25	<0.35	<0.25	<0.43	<0.18	<0.43	<0.43	[3]	[3]	<5	<0.25	<0.35	0.47	<0.43	<1.8	<2.1	<2.1	<0.92>	<0.90
Naphthalene	8	40	<1	<0.10	<0.68	<0.25	<0.39	<0.24	<0.39	<0.39	[3]	[3]	<1	<0.10	<0.68	<0.25	<0.39	<2.4	<2.0	<2.0	<0.95	<0.95
Tetrachloroethene	0.5	5	<1	7	2.8	**12**	9.3	**9.1**	**3.8**	**6.2**	[3]	[3]	**70**	**11**	**5.6**	**53**	**100**	**130**	**65**	**85**	**25**	33
Toluene	200	1,000	<1	<0.25	<0.22	<0.25	<0.34	<0.21	<0.34	<0.34	[3]	[3]	<1	<0.25	<0.22	<0.25	<0.34	<2.1	<1.7	<1.7	<0.48	<0.48
Trichloroethene	0.5	5	<1	<0.25	<0.36	<0.25	<0.25	<0.20	<0.25	<0.25	[3]	[3]	<1	<0.25	<0.36	<0.25	<0.41>	<2.0	<1.2	<1.2	<0.74	<0.74
Vinyl Chloride	0.02	0.2	<1	<0.11	<0.11	<0.11	<0.11	<0.17>	<0.11	<0.11	[3]	[3]	<1	<0.11	<0.11	<0.11	<0.11	<1.5	<0.53	<0.53	<0.49	<0.49
Other Parameters:																						
Chloride (mg/L)	125	250	NA	NA	NA	NA	NA	220	210	260	[3]	[3]	NA	NA	NA	NA	NA	450	250	420	230	390
Nitrate (mg/L)	2	10	NA	NA	NA	4.5	NA	3.9	3.5	4.7	[3]	[3]	NA	NA	NA	7.5	NA	4.2	5.8	6.1	6.7	6.3
Sulfate (mg/L)	125	250	NA	NA	NA	31	NA	24	24	<24>	[3]	[3]	NA	NA	NA	31	NA	25	33	33	26	22
Dissolved iron (mg/L)	0.15	0.3	NA	NA	NA	<0.042	NA	<0.1	<0.1	<0.1	[3]	[3]	NA	NA	NA	<0.42	NA	<0.1	0.1	0.1	<0.1	0.68
Conductivity (µS)	--	--	NA	NA	NA	1,520	760	345	967	100	[3]	[3]	NA	NA	NA	1,370	790	1,212	223	1,500	1,024	1,700
Temperature (degrees C)	--	--	NA	NA	NA	14.7	12.2	14.1	10.9	15.2	[3]	[3]	NA	NA	NA	14.8	12.2	13.9	10.9	15.6	13.8	15.3
Dissolved oxygen (mg/L)	--	--	NA	NA	NA	1.02	2.4	7.39	2.94	2.69	[3]	[3]	NA	NA	NA	4.21	2.92	2.59	5.35	<0.01	4.75	7.50
Dissolved Methane gas (µg/L)	--	--	NA	NA	NA	NA	NA	NA	<0.5	NA	[3]	[3]	NA	NA	NA	NA	NA	NA	<0.5	NA	<0.58>	<0.81>
Dissolved Ethane gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	[3]	[3]	NA	NA	NA	NA	NA	<1.1>	<0.5	<0.5	<0.4	<0.4
Dissolved Ethene gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	<0.63>	<0.5	[3]	[3]	NA	NA	NA	NA	NA	<0.5	<0.55>	<0.5	<0.5	<0.5
GRO (water) (mg/L)	--	--	NA	NA	NA	NA	NA	<0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.015>	NA	NA	NA	NA

<0.35>: Estimated concentration reported between level of quantitation and the level of detection.
µg/L: micrograms per liter
[1] VOC scan by EPA Method 8260B; only compounds detected are listed.
[2] Laboratory contaminant.
[3] Insufficient water in well for sample collection.
[4] Well abandoned after Dec '93 sampling event.
Bold = ES exceedence
NS=No sample, well was dry.
LV = low volume.
-- = no standard.
NA = Not analyzed or Not Acquired.
PAL: WAC chapter NR 140 Preventative action limit.
ES: WAC chapter NR 140 Enforcement Standard.

Table 3
Groundwater Sampling Analytical Results Summary
Judge's Dry Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	MW-3										MW-4										
			04/01/93	10/01/99	02/01/02	12/05/02	06/17/03	11/22/04	04/21/05	08/26/05	06/22/06	11/08/06	03/31/93	10/01/99	02/01/02	12/05/02	(Dup)	06/17/03	11/22/04	04/21/05	08/26/05	06/22/06	11/08/06
Volatile organic compounds (µg/L)[1]:																							
Chloromethane	0.3	3	<1	<2.5	<0.24	<1.0	<0.24	<3.5	<2.4	<1.9	<3.0	<1.0	<1	<6.2	<0.24	<1.0	<1.0	<0.24	<0.28	<3.0	<3.0	<0.47	<0.40
cis-1,2-Dichloroethene	7	70	<1	<2.5	<1	<1.0	<0.62>	<3.6	<4.1	<3.2	<4.2	<0.95	<1	<6.2	<1	<1.0	<1.0	<0.40	<0.29	<5.0	<5.0	<0.68	<0.38
trans-1,2-Dichloroethene	20	100	<1	<2.5	<0.23	<1.0	<0.35	<4.2	<4.0	<2.8	<2.6	<0.85	<1	<6.2	<0.23	<1.0	<1.0	<0.35	<0.34	<4.3	<4.3	<0.41	<0.34
p-Isopropyltoluene	--	--	<1	<2.5	<0.2	<1.0	<0.30	<4.5	<3.0	<2.4	<2.5	<1.4	<1	<6.2	<0.2	<1.0	<1.0	<0.30	<0.36	<3.8	<3.8	<0.40	<0.56
Methylene chloride[2]	0.5	5	<5	<2.5	<0.35	0.40	<0.43	<4.4	<4.3	<3.4	<4.9>	<1.8	<5	<6.2	<0.35	<1.0	<1.0	<0.43	<0.35	<5.3	<5.3	<0.61	<0.72
Naphthalene	8	40	<1	<1.0	<0.68	<1.0	<0.39	<6.1	<3.9	<3.1	<3.9	<1.9	<1	<2.5	<0.68	<1.0	<1.0	<0.39	<0.48	<4.9	<4.9	<0.62	<0.76
Tetrachloroethene	0.5	5	**180**	**390**	**180**	**270**	**390**	**540**	**86**	**620**	**160**	**54**	**1,900**	**880**	**80**	**210**	**220**	**83**	**17**	**130**	**260**	**22**	**41**
Toluene	200	1,000	<1	<1.0	<0.22	<1.0	<0.34	<5.2	<3.4	<2.7	<2.1	<0.96	<1	<6.2	<0.22	<1.0	<1.0	<0.34	<0.42	<4.2	<4.2	<0.34	<0.38
Trichloroethene	0.5	5	<1	<2.5	0.44	1.1	1.7	<5.0	<2.5	6.7	<2.3	<1.5	<1	<6.2	<0.36	<1.0	<1.0	<0.25>	<0.40	<3.1	<4.8	<0.37	<0.66>
Vinyl Chloride	0.02	0.2	<1	<0.11	<0.11	<0.11	<0.11	<3.9	<1.1	<0.85	<2.1	<0.98	<1	<0.11	<0.11	<1.0	<1.0	<0.11	<0.31	<1.3	<1.3	<0.33	<0.39
Other Parameters:																							
Chloride (mg/L)	125	250	NA	NA	NA	NA	NA	360	230	330	220	160	NA	NA	NA	NA	NA	NA	400	320	390	260	410
Nitrate (mg/L)	2	10	NA	NA	NA	5.2	NA	4.2	6.2	6.6	7.0	7.1	NA	NA	NA	5.4	5.3	NA	4.6	7.12	7.1	6.2	6.4
Sulfate (mg/L)	125	250	NA	NA	NA	28	NA	27	30	30	25	25	NA	NA	NA	41	41	NA	28	30	32	27	29
Dissolved iron (mg/L)	0.15	0.3	NA	NA	NA	<0.042	NA	<0.1	0.2	<0.1	<0.1	0.10	NA	NA	NA	<0.042	<0.042	NA	<0.1	<0.1	<0.1	<0.1	0.52
Conductivity (µS)	--	--	NA	NA	NA	920	660	1190	1100	1300	1004	830	NA	NA	NA	1,490		800	1096	1950	180	1202	1960
Temperature (degrees C)	--	--	NA	NA	NA	13.3	11.2	13.1	10	16	13.4	16	NA	NA	NA	14.8		10.9	10.9	10.9	14.5	12.6	14.8
Dissolved oxygen (mg/L)	--	--	NA	NA	NA	9.61	3.13	3.18	3.5	6.3	7.12	6.75	NA	NA	NA	0.99		1.93	2.12	1.05	<0.01	5.17	4.62
Dissolved Methane gas (µg/L)	--	--	NA	NA	NA	NA	NA	NA	<0.5	NA	<0.27>	<0.75	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	<0.43>	6.3
Dissolved Ethane gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	<0.4	<0.4	NA	NA	NA	NA	NA	NA	<0.5	10	<0.5	<0.4	<0.4
Dissolved Ethene gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	<0.56>	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	<0.5	<0.57>	<0.5	<0.5	<0.5
GRO (water) (mg/L)	--	--	NA	NA	NA	NA	NA	0.074	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.015	NA	NA	NA	NA

<0.35>: Estimated concentration reported between level of quantitation and the level of detection.
µg/L: micrograms per liter
[1] VOC scan by EPA Method 8260B; only compounds detected are listed.
[2] Laboratory contaminant.
[3] Insufficient water in well for sample collection.
[4] Well abandoned after Dec '93 sampling event.
Bold = ES exceedence
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-- = no standard.
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Table 3
Groundwater Sampling Analytical Results Summary
Judge's Dry Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	MW-5R								MW-6											MW-7[4]
			06/02/93	12/05/02	06/17/03	11/22/04	03/02/05	08/26/05	06/22/06	11/08/06	06/03/93	07/08/93	10/01/99	02/01/02	12/05/02	06/17/03	11/22/04	04/21/05	08/26/05	06/22/06	11/08/06	12/09/93
Volatile organic compounds (µg/L)[1]:							*LV*	*Dry*		*LV*								*LV/Dry*	*LV*			
Chloromethane	0.3	3	<1	[3]	<0.24	<0.14	<0.24	[3]	<0.24	<0.14	<1	<1	<0.25	<0.24	[3]	<0.24	<1.1	NA	<2.4	<0.40	<0.29	<7.0
cis-1,2-Dichloroethene	7	70	<1	[3]	<0.40	<0.15	<0.40	[3]	<0.34	<0.20	<1	<1	<0.25	<1	[3]	<0.40	<1.2	NA	<4.0	<0.38	<0.40	<7.0
trans-1,2-Dichloroethene	20	100	<1	[3]	<0.35	<0.17	<0.35	[3]	<0.21	<0.17	<1	<1	<0.25	<0.23	[3]	<0.35	<1.3	NA	<3.5	<0.34	<0.38	<7.0
p-Isopropyltoluene	--	--	<1	[3]	<0.30	<0.18	<0.30	[3]	<0.20	<0.18	<1	<1	<0.25	<0.2	[3]	<0.30	<1.4	NA	<3.0	<0.56	<0.37	<7.0
Methylene chloride[2]	0.5	5	<5	[3]	<0.43	<0.18	<0.43	[3]	<0.30	<0.18	<5	<5	<0.25	<0.35	[3]	<0.43	<1.4	[3]	<4.3	<0.77>	<0.37	<4.0
Naphthalene	8	40	<1	[3]	<0.39	<0.24	<0.39	[3]	<0.31	<0.26	<1	<1	0.60	<0.68	[3]	<0.39	<1.9	[3]	<3.9	<0.76	<0.52	<7.0
Tetrachloroethene	0.5	5	<1	[3]	7	3.0	3.4	[3]	**5.2**	**9.4**	**130**	**120**	**27**	**17**	[3]	**58**	**75**	[3]	**110**	**24**	**19**	**550**
Toluene	200	1,000	<1	[3]	<0.34	<0.21	<0.34	[3]	<0.17	<0.18	<1	<1	<0.25	<0.22	[3]	<0.34	<1.7	[3]	<3.4	<0.38	<0.35	<7.0
Trichloroethene	0.5	5	<1	[3]	<0.25	<0.20	<0.25	[3]	<0.19	<0.21	<1	<1	<0.25	0.63	[3]	<0.29>	<1.6	[3]	<2.5	<0.59	<0.42	<7.0
Vinyl Chloride	0.02	0.2	<1	[3]	<0.11	<0.15	<0.11	[3]	<0.17	<0.17	<1	<1	<0.11	<0.11	[3]	<0.11	<1.2	[3]	<1.1	<0.39	<0.33	<7.0
Other Parameters:																						
Chloride (mg/L)	125	250	NA	NA	NA	380	NA	[3]	420	340	NA	NA	NA	NA	NA	NA	370	[3]	390	380	520	NA
Nitrate (mg/L)	2	10	NA	[3]	NA	5.4	NA	[3]	6.2	4.9	NA	NA	NA	NA	[3]	NA	6.2	[3]	8.1	5.3	5.1	NA
Sulfate (mg/L)	125	250	NA	[3]	NA	31	NA	[3]	30	30	NA	NA	NA	NA	[3]	NA	34	[3]	39	28	33	NA
Dissolved iron (mg/L)	0.15	0.3	NA	[3]	NA	<0.1	<0.1	[3]	<0.1	0.01	NA	NA	NA	NA	[3]	NA	<0.1	[3]	NA	<0.1	0.01	NA
Conductivity (µS)	--	--	NA	[3]	810	NA	NA	[3]	1959	[3]	NA	NA	NA	NA	[3]	770	NA	[3]	NA	1572	2620	NA
Temperature (degrees C)	--	--	NA	15.0	11.9	NA	NA	[3]	16.5	[3]	NA	NA	NA	NA	14.9	11.7	NA	[3]	NA	13.2	12.6	NA
Dissolved oxygen (mg/L)	--	--	NA	1.26	2.18	NA	NA	[3]	5.35	[3]	NA	NA	NA	NA	1.73	3.13	NA	[3]	NA	7.1	5.60	NA
Dissolved Methane gas (µg/L)	--	--	NA	NA	NA	NA	NA	[3]	<0.46>	<0.45>	NA	NA	AN	NA	[3]	NA	NA	[3]	NA	0.91	<0.56>	NA
Dissolved Ethane gas (µg/L)	--	--	NA	NA	NA	1.6	NA	[3]	<0.4	5.3	NA	NA	NA	NA	[3]	NA	1.6	[3]	<0.5	<0.4	<0.4	NA
Dissolved Ethene gas (µg/L)	--	--	NA	NA	NA	<0.5	NA	[3]	<0.5	<0.5	NA	NA	NA	NA	[3]	NA	<0.5	[3]	<0.5	<0.5	<0.5	NA
GRO (water) (mg/L)	--	--	NA	NA	NA	<0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.015	NA	NA	NA	NA	NA

<0.35>: Estimated concentration reported between level of quantitation and the level of detection.
µg/L: micrograms per liter
[1] VOC scan by EPA Method 8260B; only compounds detected are listed.
[2] Laboratory contaminant.
[3] Insufficient water in well for sample collection.
[4] Well abandoned after Dec '93 sampling event.
Bold = ES exceedence
NS=No sample, well was dry.
LV = low volume.
-- = no standard.
NA = Not analyzed or Not Acquired.
PAL: WAC chapter NR 140 Preventative action limit.
ES: WAC chapter NR 140 Enforcement Standard.

Table 3
Groundwater Sampling Analytical Results Summary
Judge's Dry Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	MW-8									MW-9							MW-10						
			10/01/99	02/01/02	12/05/02	06/17/03	11/22/04	04/21/05	08/26/05	06/22/06	11/08/06	12/05/02	06/17/03	11/22/04	03/02/05	08/26/05	06/22/06	11/08/06	12/05/02	06/17/03	11/22/04	04/21/05	08/26/05	06/22/06	11/08/06
Volatile organic compounds (µg/L)[1]:																									
Chloromethane	0.3	3	<0.25	<0.24	<0.25	<0.24	<0.14	<0.24	<0.24	<0.24	<0.20	<0.25	<0.24	<1.4	<1.9	<1.2	<1.2	<1.0	0.36	<0.24	<0.14	<0.24	<0.24	<0.24	<0.20
cis-1,2-Dichloroethene	7	70	<0.25	<1	<0.25	<0.40	<0.15	<0.40	<0.40	<0.34	<0.19	1.3	<0.59>	<1.5	<3.2	<2.1	<1.7	<1.3>	<0.25	<0.40	<0.15	<0.40	<0.40	<0.34	<0.19
trans-1,2-Dichloroethene	20	100	<0.25	<0.23	<0.25	<0.35	<0.17	<0.35	<0.35	<0.21	<0.17	<0.25	<0.35	<1.7	<2.8	<1.7	<1.0	<0.85	<0.25	<0.35	<0.17	<0.35	<0.35	<0.21	<0.17
p-Isopropyltoluene	--	--	<0.25	<0.2	<0.25	<0.30	<0.18	<0.34	<0.30	<0.21	<0.28	0.65	<0.85>	<1.8	<2.4	<1.5	<0.99	<1.4	<0.25	<0.30	<0.18	<0.34	<0.30	<0.20	<0.28
Methylene chloride[2]	0.5	5	<0.25	<0.35	0.42	<0.43	<0.18	<0.43	<0.43	<0.30	<0.36	0.30	<0.43	<1.8	<3.4	<2.1	<1.5	<1.8	0.35	<0.43	<0.18	<0.43	<0.43	<0.30	<0.36
Naphthalene	8	40	<0.10	<0.68	<0.10	<0.39	<0.24	<0.39	<0.39	<0.31	<0.38	0.38	<0.39	<2.4	<3.1	<2.0	<1.6	<1.9	<0.25	<0.39	<0.24	<0.39	<0.39	<0.31	<0.38
Tetrachloroethene	0.5	5	**7.9**	**8.9**	**13**	**20**	**6.2**	**5.4**	**13**	4.3	**8.2**	33	**230**	**90**	**92**	**53**	**61**	**59**	1.6	1.9	3.4	2.1	1.4	2.9	<0.38>
Toluene	200	1,000	<0.25	<0.22	<0.25	<0.34	<0.21	<0.34	<0.34	<0.17	<0.19	<0.25	<0.34	<2.1	<2.7	<1.7	<0.85	<0.96	<0.25	<0.34	<0.21	<0.34	<0.34	<0.17	<0.19
Trichloroethene	0.5	5	<0.25	<0.36	<0.25	<0.25	<0.20	<0.25	<0.25	<0.19	<0.30	**68**	**62**	**25**	44	**56**	34	66	<0.25	<0.25	<0.20	<0.25	<0.25	<0.19	<0.30
Vinyl Chloride	0.02	0.2	<0.11	<0.11	<0.11	<0.11	<0.15	<0.11	<0.11	<0.17	<0.20	<0.11	<0.11	<1.5	<0.85	<0.53	<0.83	<0.98	<0.11	<0.11	<0.15	<0.11	<0.11	<0.17	<0.20
Other Parameters:																									
Chloride (mg/L)	125	250	NA	NA	NA	NA	330	410	480	340	380	NA	NA	310	NA	300	390	490	NA	NA	390	370	260	340	260
Nitrate (mg/L)	2	10	NA	NA	4.8	NA	4.3	4.5	5.1	4.2	6.6	1.6	NA	1.3	1.5	1.4	3.4	1.5	4.2	NA	3.8	4.8	5	5.5	5.2
Sulfate (mg/L)	125	250	NA	NA	34	NA	26	29	33	26	32	36	NA	30	28	29	37	37	31	NA	31	29	37	34	26
Dissolved iron (rng/L)	0.15	0.3	NA	NA	<0.042	NA	<0.1	<0.1	<0.1	<0.1	0.48	0.14	NA	2	2	0.4	<0.1	0.61	<0.042	NA	0.5	1	NA	<0.1	<0.1
Conductivity (µS)	--	--	NA	NA	1,140	990	885	155	160	1387	1670	1,140	1,020	839	120	120	835	2,020	940	870	776	154	150	1417	966
Temperature (degrees C)	--	--	NA	NA	16.2	12.6	12.6	10.7	12.2	15.1	12.4	14.5	11.9	13.4	10.3	12.2	13.9	12.2	14.7	12	12.9	11.4	12.8	13.1	13.6
Dissolved oxygen (mg/L)	--	--	NA	NA	0.32	0.51	1.22	1.33	<0.01	3.51	3.81	0.76	0.52	0.72	0.42	<0.01	8.56	<0.01	2.90	2.98	7.67	5.2	<0.01	3.9	5.93
Dissolved Methane gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	NA	<0.25	<0.61>	NA	NA	NA	<1.3>	NA	<0.35>	<0.76	NA	NA	NA	<0.5	NA	<0.39>	<0.49>
Dissolved Ethane gas (µg/L)	--	--	NA	NA	NA	NA	<1.1>	<0.5	<0.5	<0.4	<0.4	NA	NA	<0.55>	<0.50	<0.5	<0.4	<0.4	NA	NA	<0.5	<0.5	<0.5	<0.4	<0.4
Dissolved Ethene gas (µg/L)	--	--	NA	NA	NA	NA	<0.5	<0.54>	<0.5	<0.5	<0.5	NA	NA	<0.5	<0.50	<0.5	<0.5	<0.5	NA	NA	<0.5	<0.75>	<0.5	<0,5	<0.5
GRO (water) (mg/L)	--	--	NA	NA	NA	NA	<0.015	NA	NA	NA	NA	NA	NA	0.13	NA	NA	NA	NA	NA	NA	<0.015	NA	NA	NA	NA

<0.35>: Estimated concentration reported between level of quantitation and the level of detection.
µg/L: micrograms per liter
[1] VOC scan by EPA Method 8260B; only compounds detected are listed.
[2] Laboratory contaminant.
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Table 3
Groundwater Sampling Analytical Results Summary
Judge's Dry Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	MW-11						MW-12						P-1							
			06/17/03	11/22/04	04/21/05	08/26/05	06/22/06	11/08/06	06/17/03	11/22/04	03/02/05	08/26/05	06/22/06	11/08/06	04/02/93	12/05/02	06/17/03	11/22/04	04/21/05	08/26/05	06/22/06	11/08/06
Volatile organic compounds (µg/L)[1]*:*																						
Chloromethane	0.3	3	<0.24	<0.14	<0.59	<0.59	<0.59	<0.20	<0.24	<0.28	<0.24	<0.24	<0.24	<0.20	<1	<0.25	<0.24	<0.14	<0.24	<0.24	<0.24	<0.21
cis-1,2-Dichloroethene	7	70	3	4.2	<3.1>	8	3.9	2.9	<0.40	<0.29	<0.40	<0.40	<0.34	<0.19	<1	<0.25	<0.40	<0.15	<0.40	<0.40	<0.34	<0.19
trans-1,2-Dichloroethene	20	100	<0.35	<0.17	<0.87	<0.87	<0.51	<0.17	<0.35	<0.34	<0.35	<0.35	<0.21	<0.17	<1	<0.25	<0.35	<0.17	<0.35	<0.35	<0.21	<0.17
p-Isopropyltoluene	--	--	<0.30	<0.18	<0.76	<0.76	<0.50	<0.28	<0.30	<0.36	<0.30	<0.30	<0.20	<0.28	<1	<0.25	<0.30	<0.18	<0.30	<0.30	<0.20	<0.28
Methylene chloride[2]	0.5	5	<0.43	<0.18	<1.1	<1.1	<0.76	<0.36	<0.43	<0.35	<0.43	<0.43	<0.30	<0.36	<5	0.40	<0.43	<0.18	<0.43	<0.43	<0.30	<0.36
Naphthalene	8	40	<0.39	<0.24	<0.98	<0.98	<0.78	<0.38	<0.39	<0.48	<0.39	<0.39	<0.31	<0.38	<1	<0.25	<0.39	<0.24	<0.39	<0.39	<0.31	<0.38
Tetrachloroethene	0.5	5	**8.3**	**17**	**22**	**11**	**19**	<0.20>	**17**	**15**	**8.6**	**10**	**20**	**11**	<1	4.4	<0.35>	<0.20	<0.47>	<0.31	<0.16	<0.29>
Toluene	200	1,000	<0.34	<0.21	<0.84	<0.84	<0.43	<0.19	<0.34	<0.42	<0.34	<0.34	<0.17	<0.19	<1	<0.25	<0.34	<0.21	<0.34	<0.34	<0.17	<0.19
Trichloroethene	0.5	5	3.4	**11**	**8**	**12**	**13**	3.3	<0.25	<0.40	<0.25	<0.25	<0.31>	<0.30	<1	<0.25	<0.25	<0.20	<0.25	<0.25	<0.19	<0.30
Vinyl Chloride	0.02	0.2	**2.2**	**2.4**	**1.7**	**3.5**	**4.4**	**4.1**	<0.11	<0.31	<0.11	<0.11	<0.17	<0.20	<1	<0.11	<0.11	<0.15	<0.11	<0.11	<0.17	<0.20
Other Parameters:																						
Chloride (mg/L)	125	250	NA	160	630	320	390	330	NA	530	NA	540	520	500	NA	NA	NA	44	46	430	48	41
Nitrate (mg/L)	2	10	NA	<0.05	0.17	0.086	<0.065>	<0.054>	NA	3.5	3.7	3.2	4	3.7	NA	<0.50	NA	<0.1	<0.034>	<0.025	<0.025	<0.025>
Sulfate (mg/L)	125	250	NA	34	35	26	33	18	NA	30	30	43	31	42	NA	15	NA	11	12	33	12	11
Dissolved iron (mg/L)	0.15	0.3	NA	>10	>10	>10	2.6	>5	NA	<0.1	<0.1	0.5	<0.1	0.57	NA	2.6	NA	3	1	3	2.5	2.6
Conductivity (µS)	--	--	1,140	1,117	450	130	1,739	1,570	1,160	1,438	200	210	600	2,180	NA	340	290	264	920	400	395	721
Temperature (degrees C)	--	--	10.8	13.2	5.2	16.9	12.8	13.4	11.3	12.8	6.9	17	15.9	12.7	NA	15.0	12	12.4	12.6	12.3	13.4	13.1
Dissolved oxygen (mg/L)	--	--	0.41	0.48	<0.01	<0.01	0.63	<0.01	2.34	1.31	0.09	<0.01	1.77	<0.01	NA	0.68	0.82	0.16	6.78	<0.01	1.18	<0.01
Dissolved Methane gas (µg/L)	--	--	NA	NA	510	NA	400	930	NA	NA	<0.50	NA	<0.25	1.7	NA	NA	NA	NA	5.9	NA	5.2	6.3
Dissolved Ethane gas (µg/L)	--	--	NA	<0.5	<25	<0.5	<0.4	<0.4	NA	<0.5	<0.50	<0.5	<0.4	<0.4	NA	NA	NA	<0.5	<0.5	<0.5	<0.4	<0.4
Dissolved Ethene gas (µg/L)	--	--	NA	<0.5	<28>	<0.5	<0.5	<0.5	NA	<0.5	<0.50	<0.5	<0.5	<0.5	NA	NA	NA	<0.5	<0.54>	<.5	<0.5	<0.5
GRO (water) (mg/L)	--	--	NA	<0.015	NA	NA	NA	NA	NA	<0.015	NA	NA	NA	NA	NA	NA	NA	<0.015	NA	NA	NA	NA

<0.35>: Estimated concentration reported between level of quantitation and the level of detection.
µg/L: micrograms per liter
[1] VOC scan by EPA Method 8260B; only compounds detected are listed.
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Table 3
Groundwater Sampling Analytical Results Summary
Judge's Dry Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	P-2										P-3							
			07/08/93	10/01/99	02/01/02	12/05/02	06/17/03	11/22/04	03/02/05	08/26/05	06/22/06	11/08/06	07/08/93	12/05/02	06/17/03	11/22/04	04/21/05	08/26/05	06/22/06	11/08/06
Volatile organic compounds (µg/L)[1]*:*																	*LV*			
Chloromethane	0.3	3	<1	<0.25	<0.24	<0.25	<0.24	<0.14	<0.24	<0.24	<0.20	<0.14	<1	<0.25	<0.24	<0.14	<0.24	<0.24	<0.20	<0.14
cis-1,2-Dichloroethene	7	70	<1	<0.25	<1	<0.25	<0.40	<0.15	<0.40	<0.40	<0.19	<0.20	<1	<0.25	<0.44>	<0.31>	<0.40	<0.40	<0.32>	<0.20
trans-1,2-Dichloroethene	20	100	<1	<0.25	<0.23	<0.25	<0.35	<0.17	<0.35	<0.35	<0.17	<0.17	<1	0.35	<0.47>	<0.36>	<0.35	<0.35	<0.17	<0.17
p-Isopropyltoluene	--	--	<1	<0.25	<0.2	<0.25	<0.30	<0.18	<0.30	<0.30	<0.28	<0.18	<1	<0.25	<0.30	<0.18	<0.30	<0.30	<0.28	<0.18
Methylene chloride[2]	0.5	5	<5	<0.25	<0.35	0.55	<0.43	<0.18	<0.43	<0.43	<0.36	<0.18	<5	0.51	<0.43	<0.18	<0.43	<0.43	3.0	<0.26>
Naphthalene	8	40	<1	<0.10	<0.68	<0.25	<0.39	<0.24	<0.39	<0.39	<0.38	<0.26	<1	<0.25	<0.39	<0.24	<0.39	<0.39	<0.38	<0.26
Tetrachloroethene	0.5	5	<1	<0.25	1.2	0.59	<0.36>	<0.20	<0.31	<0.31	<0.16	<0.18	**33**	**33**	**13**	**23**	**13**	**11**	**14**	**5.3**
Toluene	200	1,000	<1	<0.25	<0.22	<0.25	<0.34	<0.21	<0.34	<0.34	<0.19	<0.18	93	<0.25	<0.34	<0.21	<0.34	<0.34	<0.19	<0.18
Trichloroethene	0.5	5	<1	<0.25	<0.36	<0.25	<0.25	<0.20	<0.25	<0.25	<0.30	<0.21	<1	3.1	2.8	3.4	1.6	1.4	<0.90>	1.5
Vinyl Chloride	0.02	0.2	<1	<0.11	<0.11	<0.11	<0.11	<0.15	<0.11	<0.11	<0.20	<0.17	<0.11	<0.11	<0.11	<0.15	<0.11	<0.11	<0.20	<0.17
Other Parameters:																				
Chloride (mg/L)	125	250	NA	NA	NA	NA	NA	79	NA	77	73	76	NA	NA	NA	92	93	65	67	58
Nitrate (mg/L)	2	10	NA	NA	NA	<0.50	NA	<0.1	<0.054>	<0.026>	<0.026>	<0.029>	NA	<0.50	NA	0.19	0.29	0.18	0.19	0.16
Sulfate (mg/L)	125	250	NA	NA	NA	26	NA	18	17	18	17	19	NA	20	NA	13	14	13	13	13
Dissolved iron (mg/L)	0.15	0.3	NA	NA	NA	4.2	NA	5	4	<0.1	2.5	3.08	NA	<0.042	NA	<0.1	0.2	NA	1	0.13
Conductivity (µS)	--	--	NA	NA	NA	500	380	349	510	490	520	689	NA	590	330	328	562	NA	263	453
Temperature (degrees C)	--	--	NA	NA	NA	14.3	12.4	12.1	12.7	12.7	13.6	13.8	NA	13.7	12.7	12.1	12.3	NA	13.6	13.2
Dissolved oxygen (mg/L)	--	--	NA	NA	NA	4.08	0.79	0.94	4.39	<0.01	0.95	6.93	NA	3.00	2.61	2.72	5.85	NA	6.26	0.45
Dissolved Methane gas (µg/L)	--	--	NA	NA	NA	NA	NA	NA	4.7	NA	3.5	1.3	NA	NA	NA	NA	<0.5	NA	1.2	<0.73>
Dissolved Ethane gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	<0.50	<0.5	<0.4	<0.4	NA	NA	NA	<0.5	<0.5	<0.5	<0.4	<0.4
Dissolved Ethene gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	<0.50	<0.5	<0.5	<0.5	NA	NA	NA	<0.5	<0.54>	<0.5	<0.5	<0.5
GRO (water) (mg/L)	--	--	NA	NA	NA	NA	NA	<0.015	NA	NA	NA	NA	NA	NA	NA	<0.015	NA	NA	NA	NA

<0.35>: Estimated concentration reported between level of quantitation and the level of detection.
µg/L: micrograms per liter
[1] VOC scan by EPA Method 8260B; only compounds detected are listed.
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Table 3
Groundwater Sampling Analytical Results Summary
Judge's Dry Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	GP-10
			04/07/03	04/07/03	04/07/03	04/07/03	04/07/03	04/07/03	04/07/03	04/07/03	04/07/03	04/07/03
Volatile organic compounds (µg/L)[1]:												
Chloromethane	0.3	3	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.19	<0.19
cis-1,2-Dichloroethene	7	70	<0.40	2.4	<0.40	<0.40	<0.40	<0.48>	<0.40	13	<0.22	<0.22
trans-1,2-Dichloroethene	20	100	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.16	<0.16
p-Isopropyltoluene	--	--	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.14	<0.14
Methylene chloride[2]	0.5	5	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.12	<0.12
Naphthalene	8	40	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.18	<0.18
Tetrachloroethene	0.5	5	<0.31	**10**	<0.31	**15**	**22**	**33**	**67**	**44**	<0.17	<0.35>
Toluene	200	1,000	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.14	<0.14
Trichloroethene	0.5	5	<0.35>	2.9	<0.25	<0.25	<0.25	<0.61>	<0.65>	**39**	<0.12	<0.12
Vinyl Chloride	0.02	0.2	<0.11	**<0.28>**	<0.11	<0.11	<0.11	<0.11	<0.11	**0.88**	<0.10	<0.10
Other Parameters:												
Chloride (mg/L)	125	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate (mg/L)	2	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (mg/L)	125	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved iron (mg/L)	0.15	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conductivity (µS)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature (degrees C)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved oxygen (mg/L)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Methane gas (µg/L)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Ethane gas (µg/L)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Ethene gas (µg/L)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GRO (water) (mg/L)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

<0.35>: Estimated concentration reported between level of quantitation and the level of detection.
µg/L: micrograms per liter
[1] VOC scan by EPA Method 8260B; only compounds detected are listed.
[2] Laboratory contaminant.
[3] Insufficient water in well for sample collection.
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GP-2 yielded <0.81> µg/L Chloroform.
GP-7 yielded a detection of <0.61> µg/L Isopropyl Ether.

Table 2
Groundwater Elevation Summary
Judge's Dry Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin

DATE	WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-12	P-1	P-2	P-3
	TOC	1028.20	1027.59	1027.76	1028.03	1028.87	1028.32	1027.94	1027.82	1028.57	1006.52	1010.14	1028.00	1028.29	1028.12
4/1/93	DTW	17.30	16.84	17.32	17.57								17.57		
	ELEV.	1010.90	1010.75	1010.44	1010.46								1010.43		
4/13/93	DTW	17.17	16.80	17.84	17.48								17.48		
	ELEV.	1011.03	1010.79	1009.92	1010.55								1010.52		
6/3/93	DTW	16.15	15.80	16.25	16.50	17.74	16.25						17.67	24.24	16.78
	ELEV.	1012.05	1011.79	1011.51	1011.53	1011.13	1012.07						1010.33	1004.05	1011.34
7/8/93	DTW	15.77	15.42	15.86	16.16	16.43	15.88						17.26	17.04	15.67
	ELEV.	1012.43	1012.17	1011.90	1011.87	1012.44	1012.44						1010.74	1011.25	1012.45
10/13/99	DTW	17.29	16.92	17.73	17.61		17.41	18.02						19.50	
	ELEV.	1010.91	1010.67	1010.03	1010.42		1010.91	1009.92						1008.79	
2/7/02	DTW	17.72	17.32	17.77	18.03		17.82	18.40						18.55	
	ELEV.	1010.48	1010.27	1009.99	1010.00		1010.50	1009.54						1009.74	
12/5/02	DTW	17.45	17.08	17.52	17.75	18.07	17.55	18.15	18.19	18.33			18.46	18.43	17.94
	ELEV.	1010.75	1010.51	1010.24	1010.28	1010.80	1010.77	1009.79	1009.63	1010.24			1009.54	1009.86	1010.18
6/17/03	DTW	17.36	16.98	17.42	17.68	17.99	17.46	18.08	18.11	18.25	5.01	6.91	19.07	19.13	18.51
	ELEV.	1010.84	1010.61	1010.34	1010.35	1010.88	1010.86	1009.86	1009.71	1010.32	1001.51	1003.23	1008.93	1009.16	1009.61
11/22/04	DTW	17.44	17.06	17.52	17.77	18.07	17.54	18.16	18.20	18.33	5.52	6.93	18.50	18.34	17.95
	ELEV.	1010.76	1010.53	1010.24	1010.26	1010.80	1010.78	1009.78	1009.62	1010.24	1001.00	1003.21	1009.50	1009.95	1010.17
4/21/05	DTW	17.46	17.08	17.52	17.77	18.09	17.57	18.15	18.19	18.34	5.37	6.95	18.62	18.62	18.24
	ELEV.	1010.74	1010.51	1010.24	1010.26	1010.78	1010.75	1009.79	1009.63	1010.23	1001.15	1003.19	1009.38	1009.67	1009.88
8/26/05	DTW	17.66	17.30	17.74	17.98	18.30	17.79	18.36	18.35	18.50	5.50	6.95	19.10	19.14	18.70
	ELEV.	1010.54	1010.29	1010.02	1010.05	1010.57	1010.53	1009.58	1009.47	1010.07	1001.02	1003.19	1008.90	1009.15	1009.42
6/22/06	DTW	Dry	17.29	17.76	18.03	18.34	17.80	18.41	18.41	18.60	5.36	7.00	19.31	19.51	19.30
	ELEV.	NA	1010.30	1010.00	1010.00	1010.53	1010.52	1009.53	1009.41	1009.97	1001.16	1003.14	1008.69	1008.78	1008.82
11/9/06	DTW	Dry	17.43	17.88	18.12	18.49	17.92	18.53	18.51	18.68	5.32	7.04	18.87	18.68	18.30
	ELEV.	NA	1010.16	1009.88	1009.91	1010.38	1010.40	1009.41	1009.31	1009.89	1001.20	1003.10	1009.13	1009.61	1009.82

Blank cells indicate no data available
TOC: Top of casing (feet, above mean sea level).
DTW: Depth to water (feet).
ELEV: Groundwater elevation (feet, msl).

MAPQUEST.

Wisconsin Rapids WI
US

Notes:

Only text visible within note field will print.

I GRADUATED IN

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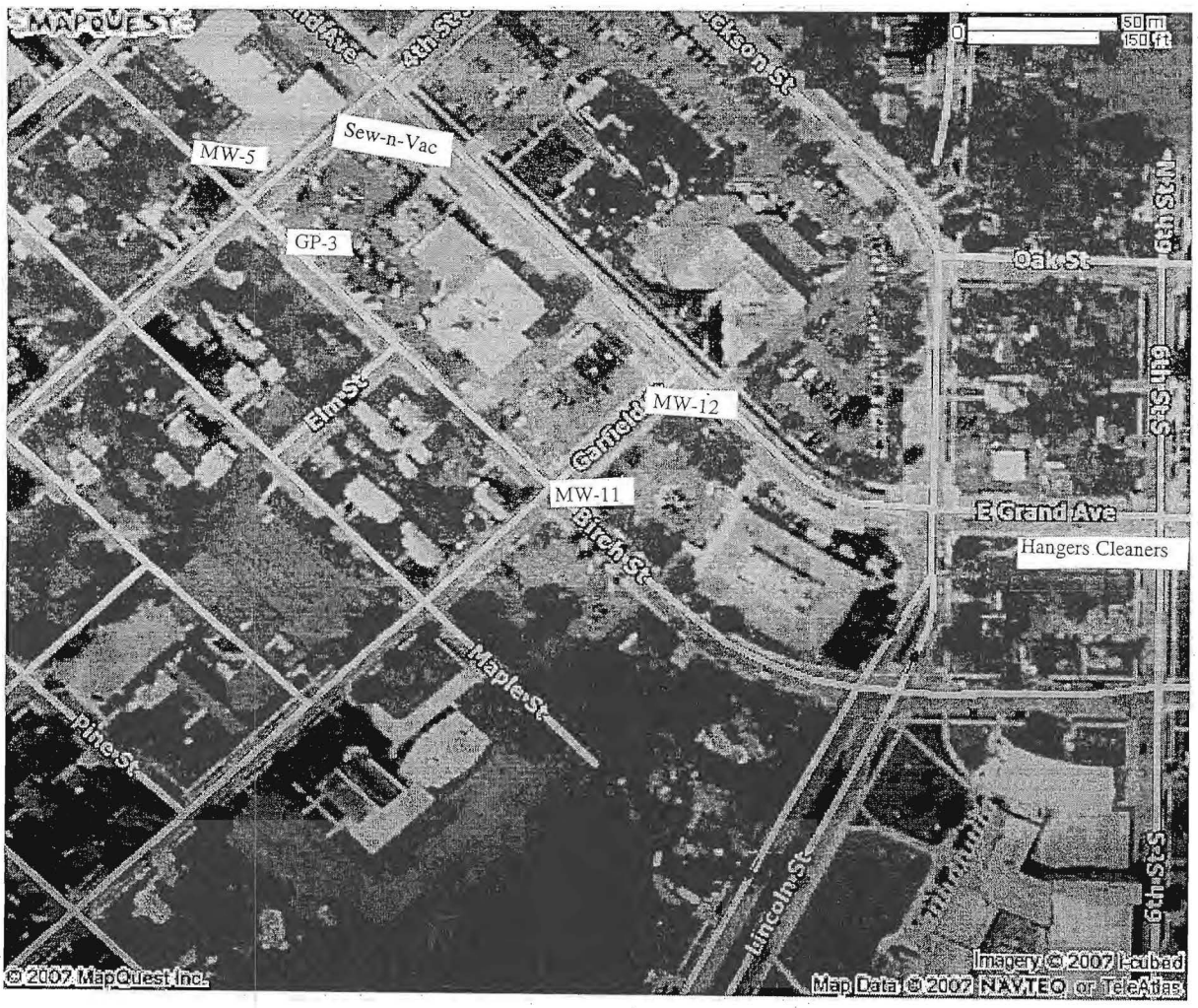

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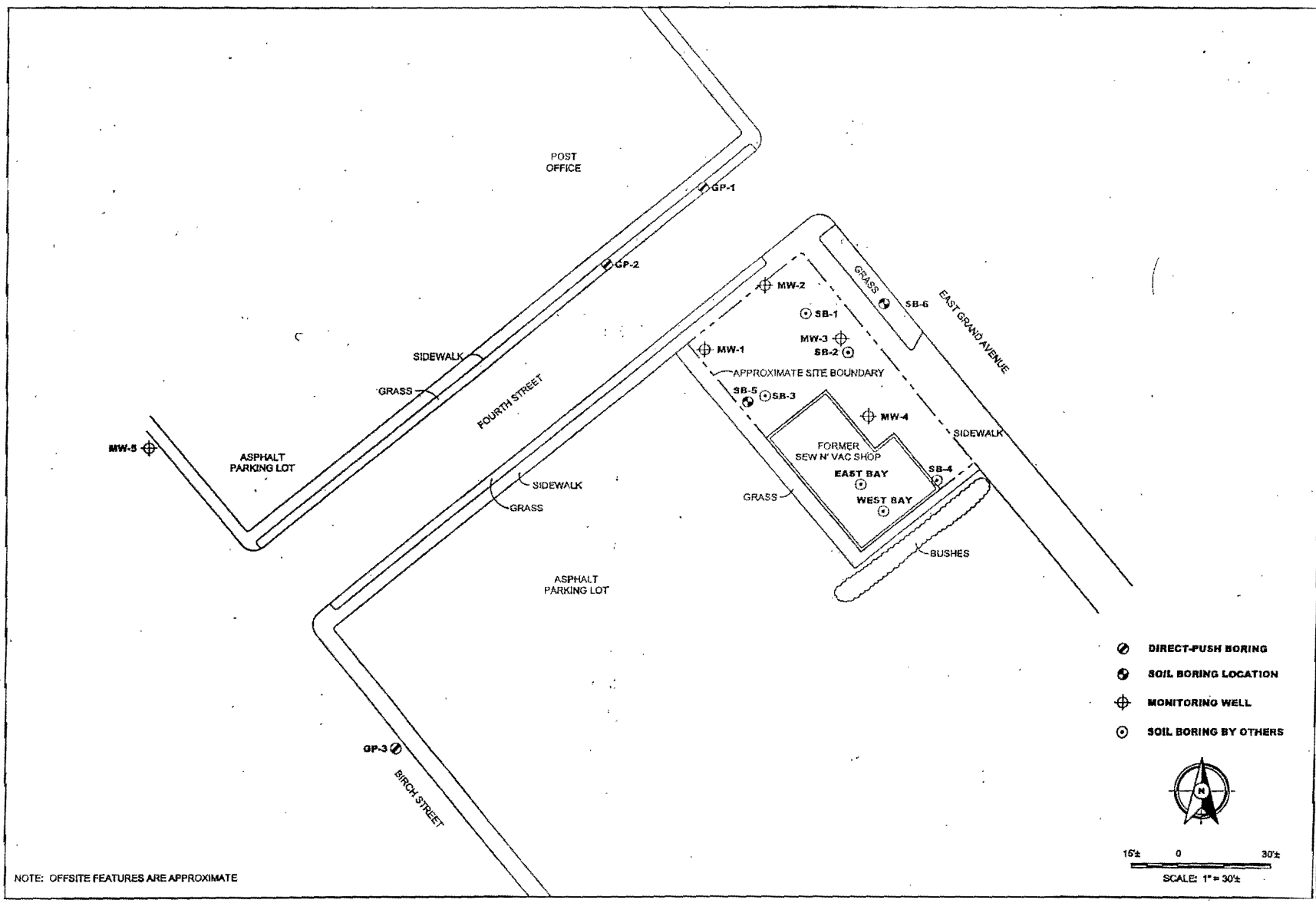


NOTE: OFFSITE FEATURES ARE APPROXIMATE

BRAUN INTERTEC

SITE LAYOUT MAP
SITE INVESTIGATION
FORMER SEW N' VAC
410 EAST GRAND AVENUE – WISCONSIN RAPIDS, WISCONSIN

		DATE
INT		
DRAWN BY:	MRC	9-18-06
APP'D BY:	KDN	12-27-06
JOB NO.	LC0603769	
DWG. NO.	LC0603769	SHEET OF
SCALE	1" = 30'±	

FIGURE NO.

Project #: LC-06-03769
Former Sew 'N' Vac
410 East Grand Avenue
Wisconsin Rapids, WI

Table 2

Groundwater Analytical Results

PARAMETER (µg/L):	SB-1 8/6/1998	SB-5 9/7/2006	SB-6 9/7/2006	GP-1 12/12/2006	GP-2 12/12/2006	GP-3 12/12/2006	NR140 ES[1]	NR140 PAL[2]
VOCs								
Benzene	**165**	<2.0	<20	<0.25	<0.25	<0.25	5	0.5
sec-Butylbenzene	NA	12	76	NA	NA	NA	NS	NS
Chlorobenzene	NA	<2.0	89	NA	NA	NA	NS	NS
Ethyl Benzene	**2,630**	*420*	**2,500**	<0.22	<0.22	<0.22	700	140
Isopropylbenzene	NA	44	280	NA	NA	NA	NS	NS
p-Isopropyltoluene	NA	11	56	NA	NA	NA	NS	NS
Methyl Tertiary Butyl Ether	ND	<5.0	<50	<0.23	<0.23	<0.23	60	12
Naphthalene	NA	**200**	**570**	<0.50	<0.50	<0.50	40	8
n-Propylbenzene	NA	110	780	NA	NA	NA	NS	NS
Toluene	*212*	61	*880*	[0.14]	[0.12]	[0.11]	1,000	200
Trimethylbenzenes, Combined	5,590	1,870	5,000	<0.44	<0.44	<0.44	480	96
Xylenes, Total	15,990	*1,300*	*9,400*	<0.39	<0.39	<0.39	10,000	1,000
Gasoline Range Organics	40,200	NA	NA	NA	NA	NA	NS	NS
PAHs								
Acenaphthene	NA	<0.83	<2.1	NA	NA	NA	NS	NS
Acenaphthylene	NA	<1.7	<4.4	NA	NA	NA	NS	NS
Anthracene	NA	<0.096	<0.24	NA	NA	NA	3,000	600
Benzo (a) anthracene	NA	<0.11	<0.28	NA	NA	NA	NS	NS
Benzo (b) fluoranthene	NA	<0.25	<0.62	NA	NA	NA	0.2	0.02
Benzo (k) fluoranthene	NA	<0.12	<0.31	NA	NA	NA	NS	NS
Benzo (a) pyrene	NA	<0.081	<0.20	NA	NA	NA	0.2	0.02
Benzo (g,h,i) perylene	NA	<0.30	<0.77	NA	NA	NA	NS	NS
Chrysene	NA	<0.10	<0.26	NA	NA	NA	0.2	0.02
Dibenzo (a,h) anthracene	NA	<0.33	<0.83	NA	NA	NA	NS	NS
Fluoranthene	NA	<0.20	<0.52	NA	NA	NA	400	80
Fluorene	NA	<0.16	<0.40	NA	NA	NA	400	80
Indeno (1,2,3-cd) pyrene	NA	<0.16	<0.40	NA	NA	NA	NS	NS
1-Methylnaphthalene	NA	110	360	NA	NA	NA	NS	NS
2-Methylnaphthalene	NA	210	780	NA	NA	NA	NS	NS
Naphthalene	NA	190	610	<0.50	<0.50	<0.50	40	8
Phenanthrene	NA	<0.076	4.7	NA	NA	NA	NS	NS
Pyrene	NA	<0.11	<0.28	NA	NA	NA	250	50
Diesel Range Organics	159,000	NA	NA	NA	NA	NA	NS	NS

Notes:
Sources for Wisconsin groundwater standards:
[1] - Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)
[2] - Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs)
BOLD values exceed NR140 ES
values in *italics* exceed NR140 PAL
vaules in brackets [ ] are between the method detection limit and limit of quantitation
NS - No Wisconsin Groundwater Standards have been established
NA - Not Analyzed

Project #: LC-06-03769
Former Sew 'N' Vac
410 East Grand Avenue
Wisconsin Rapids, WI

Table 7

Groundwater Analytical Results - MW-4

PARAMETER (µg/L):	9/7/2006	12/12/2006	NR140 ES[1]	NR140 PAL[2]
VOCs				
Benzene	*1.2*	<0.25	5	0.5
sec-Butylbenzene	[0.27]	NA	NS	NS
Ethyl Benzene	11	[0.28]	700	140
Isopropylbenzene	0.90	NA	NS	NS
p-Isopropyltoluene	<0.20	NA	NS	NS
Methyl Tertiary Butyl Ether	<0.50	<0.23	60	12
Naphthalene	3.3	<0.50	40	8
n-Propylbenzene	1.8	NA	NS	NS
Toluene	0.82	<0.11	1,000	200
Trimethylbenzenes, Combined	22.6	<0.48	480	96
Xylenes, Total	47	<0.39	10,000	1,000
PAHs				
Acenaphthene	<0.33	NA	NS	NS
Acenaphthylene	<0.69	NA	NS	NS
Anthracene	<0.038	NA	3,000	600
Benzo (a) anthracene	<0.044	NA	NS	NS
Benzo (b) fluoranthene	<0.098	NA	0.2	0.02
Benzo (k) fluoranthene	<0.049	NA	NS	NS
Benzo (a) pyrene	<0.032	NA	0.2	0.02
Benzo (g,h,i) perylene	<0.12	NA	NS	NS
Chrysene	<0.041	NA	0.2	0.02
Dibenzo (a,h) anthracene	<0.13	NA	NS	NS
Fluoranthene	<0.081	NA	400	80
Fluorene	<0.062	NA	400	80
Indeno (1,2,3-cd) pyrene	<0.062	NA	NS	NS
1-Methylnaphthalene	[0.64]	NA	NS	NS
2-Methylnaphthalene	1.2	NA	NS	NS
Naphthalene	2.5	<0.50	40	8
Phenanthrene	<0.030	NA	NS	NS
Pyrene	<0.044	NA	250	50

Notes:
Sources for Wisconsin groundwater standards:
[1] - Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)
[2] - Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs)
BOLD values exceed NR140 ES
values in *italics* exceed NR140 PAL
vaules in brackets [ ] are between the method detection limit and limit of quantitation
NS - No Wisconsin Groundwater Standards have been established
NA - Not Analyzed

Project #: LC-06-03769
Former Sew 'N' Vac
410 East Grand Avenue
Wisconsin Rapids, WI

Table 8

Groundwater Analytical Results - MW-5

PARAMETER (µg/L):	9/8/2006	12/12/2006	NR140 ES[1]	NR140 PAL[2]
VOCs				
Benzene	<0.20	<0.25	5	0.5
sec-Butylbenzene	<0.25	NA	NS	NS
Ethyl Benzene	<0.50	<0.22	700	140
Isopropylbenzene	<0.20	NA	NS	NS
p-Isopropyltoluene	<0.20	NA	NS	NS
Methyl Tertiary Butyl Ether	<0.50	<0.23	60	12
Naphthalene	1.5	<0.50	40	8
n-Propylbenzene	<0.50	NA	NS	NS
Toluene	<0.20	<0.11	1,000	200
Trimethylbenzenes, Combined	<0.69	<0.44	480	96
Xylenes, Total	<0.50	<0.39	10,000	1,000
PAHs				
Acenaphthene	<0.85	NA	NS	NS
Acenaphthylene	<1.8	NA	NS	NS
Anthracene	<0.097	NA	3,000	600
Benzo (a) anthracene	<0.11	NA	NS	NS
Benzo (b) fluoranthene	<0.25	NA	0.2	0.02
Benzo (k) fluoranthene	<0.13	NA	NS	NS
Benzo (a) pyrene	<0.082	NA	0.2	0.02
Benzo (g,h,i) perylene	<0.31	NA	NS	NS
Chrysene	<0.11	NA	0.2	0.02
Dibenzo (a,h) anthracene	<0.33	NA	NS	NS
Fluoranthene	[0.35]	NA	400	80
Fluorene	<0.16	NA	400	80
Indeno (1,2,3-cd) pyrene	<0.16	NA	NS	NS
1-Methylnaphthalene	[1.4]	NA	NS	NS
2-Methylnaphthalene	3.7	NA	NS	NS
Naphthalene	[1.3]	<0.50	40	8
Phenanthrene	[0.20]	NA	NS	NS
Pyrene	[0.22]	NA	250	50

Notes:
Sources for Wisconsin groundwater standards:
[1] - Wisconsin Administrative Code, Chapter NR140 Groundwater Enforcement Standards (ES)
[2] - Wisconsin Administrative Code, Chapter NR140 Groundwater Preventive Action Limits (PALs)
BOLD values exceed NR140 ES
values in *italics* exceed NR140 PAL
vaules in brackets [ ] are between the method detection limit and limit of quantitation
NS - No Wisconsin Groundwater Standards have been established
NA - Not Analyzed

TABLE 3

RESULTS OF SOIL CHEMICAL ANALYSIS FOR
VOLATILE ORGANIC COMPOUNDS AND TPH

Judge's Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin
GEA Project No. 1E-930360

Boring Number	Sample Depth (feet)	Volatile Organic Compounds								
		Benzene	Toluene	Ethylbenzene	Xylene	Naphthalene	cis 1,2-DCE	trans 1,2-DCE	PCE	TCE
B8	17-18½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B9/MW1	17-18½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B10/MW4	17-18½	<2	<2	<2	<2	<2	<2	<2	470	<2
B10/MW4	19½-21	<2	<2	<2	<2	<2	<2	<2	50	<2
B11/MW2	17-18½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B12/MW3	17-18½	<2	<2	<2	<2	<2	<2	<2	12	<2
B13/P1	17-18½	<2	<2	<2	<2	<2	<2	<2	80	<2
B14/P3	2-3½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B14/P3	17-18½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B16/P2	2-3½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B16/P2	17-18½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B18	2-3½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B18	17-18½	<2	<2	<2	<2	<2	<2	<2	6	<2
B19/MW7	17-18½	<2	<2	<2	<2	<2	<2	<2	40	<2
B7 (GEA Project No. 1E-921017)	17-18½	<2	<2	<2	<2	240	<2	<2	150	<2

Note: All results reported as micrograms per Liter
DCE: Dichloroethylene
PCE: Tetrachloroethylene (a.k.a. Perchloroethylene)
TCE: Trichloroethylene

1E930360 (WP/BU22)

TABLE 1

RESULTS OF SOIL ANALYTICAL TESTING

Judge's Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin
GEA Project No. 1E-921017

Test Boring Number (1)	Sample Depth (Feet)	Total Petroleum Hydrocarbons (TPH) (2) (3)	Total Recoverable Petroleum Hydrocarbons (TRPH) (2) (3)	Detected Volatile Organic Compound	
				Napthalene (4) (5)	tetrachloro-ethene (4) (5)
2	17 - 18.5	<10	--	--	--
3	14.5 - 16	<10	--	--	--
4	17 - 18.5	<10	--	--	--
5	14.5 - 16	<10	--	--	--
6	14.5 - 16	--	<10	--	--
6	17 - 18.5	<10	--	--	--
7	12 - 13.5	--	<10	--	--
7	14.5 - 16	<10	--	--	--
7	17 - 18.5	240	--	240	150

(1) Test boring locations are shown on Figure 2.

(2) Concentration levels expressed in milligrams per kilogram (mg/kg), which is equivalent to parts per million (ppm).

(3) WDNR TPH and TRPH guidelines are 10 ppm.

(4) Concentration levels expressed in micrograms per kilogram (ug/kg), which is equivalent to parts per billion (ppb).

(5) The WDNR does not currently have an Enforcement Standards (ES) or Preventive Action Limits (PAL) for napthalene and tetrachloroethene in soil.

1E1017-1/BU10/11-12-92

Table 1
Soil Sampling Results Summary
Judge's Dry Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin

Sample Location	GP-001	GP-002	GP-007	GP-010	GP-012	GP-015	MW-9	SB-1	SB-2	SB-1[1]	SB-2[1]
Depth (feet)	14	2	2	5	17	5	NR	13	14	NR	NR
Parameter	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99	10/13/99	12/04/02	10/05/04	10/05/04	02/09/05	02/09/05
Volatile organic compounds (µg/kg) :											
Chloromethane	<31	<32	<32	<35	<31	<1,540	<58	<13	<13	**[23]**	<10
cis-1,2-Dichloroethene	<26	<27	<26	<29	<26	<1,230	<29	**[37]**	<13	<34	<17
Methylene chloride	**68 L**	**450**	**116 L**	**2,200**	**89 L**	**12,300**	**209 L**	**14**	<14	<40	<20
Tetrachloroethene	**27**	**6,000**	**756**	**6,590**	**145**	**63,500**	<29	**11,000**	**390**	**2,200**	**900**
Trichloroethene	<26	**46**	<26	<29	<26	<1,230	<29	**210**	<15	<34	<17

VOC scan by EPA Method 8260B; detected compounds are presented.

[1]: SB-1 and SB-2 that were advanced on February 9, 2005 were intended to evaluate any decrease in soil hydrocarbon content resulting from in-situ remediation.

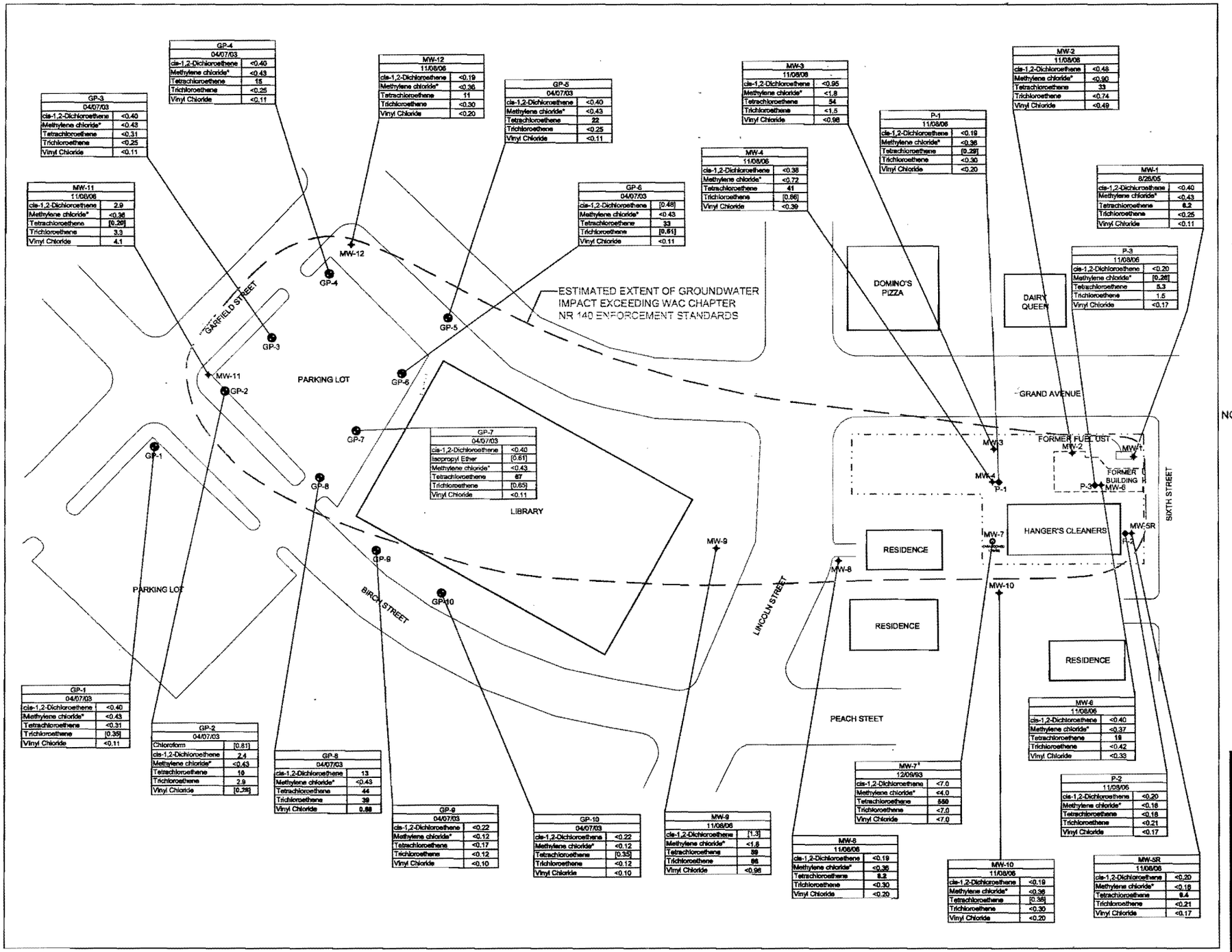
[0.23]: Estimated concentration reported between level of quantitation and the level of detection.

µg/kg: micrograms per kilogram

NR: Not Reported.

L: Detection was flagged on the laboratory report as laboratory contaminant.

Detections are presented in **bold** type.



NORTH

0 40 80

SCALE IN FEET

LEGEND

- MW-5R — MONITORING WELL
- P-2 — PIEZOMETER
- GP-2 — 2003 GEOPROBE BORING
- ESTIMATED EXTENT OF GROUNDWATER IMPACT EXCEEDING WAC CHAPTER NR 140 ENFORCEMENT STANDARDS

NOTES:

1. [0.35]: ESTIMATED CONCENTRATION REPORTED BETWEEN LEVEL OF QUANTITATION AND THE LEVEL OF DETECTION.
2. µg/L: MICROGRAMS PER LITER.
3. VOC SCAN BY EPA METHOD 8260B; ONLY COMPOUNDS DETECTED ARE LISTED.
4. *: LABORATORY CONTAMINANT.
5. [2]: WELL ABANDONED AFTER DEC '93 SAMPLING EVENT.
6. MW-1 WAS DRY DURING THE JUNE 22, AND NOVEMBER 8, 2006 GROUNDWATER SAMPLING EVENTS.
7. DETECTIONS EXCEEDING THE WAC CHAPTER NR 140 ENFORCEMENT STANDARD ARE PRESENTED IN BOLD TYPE.

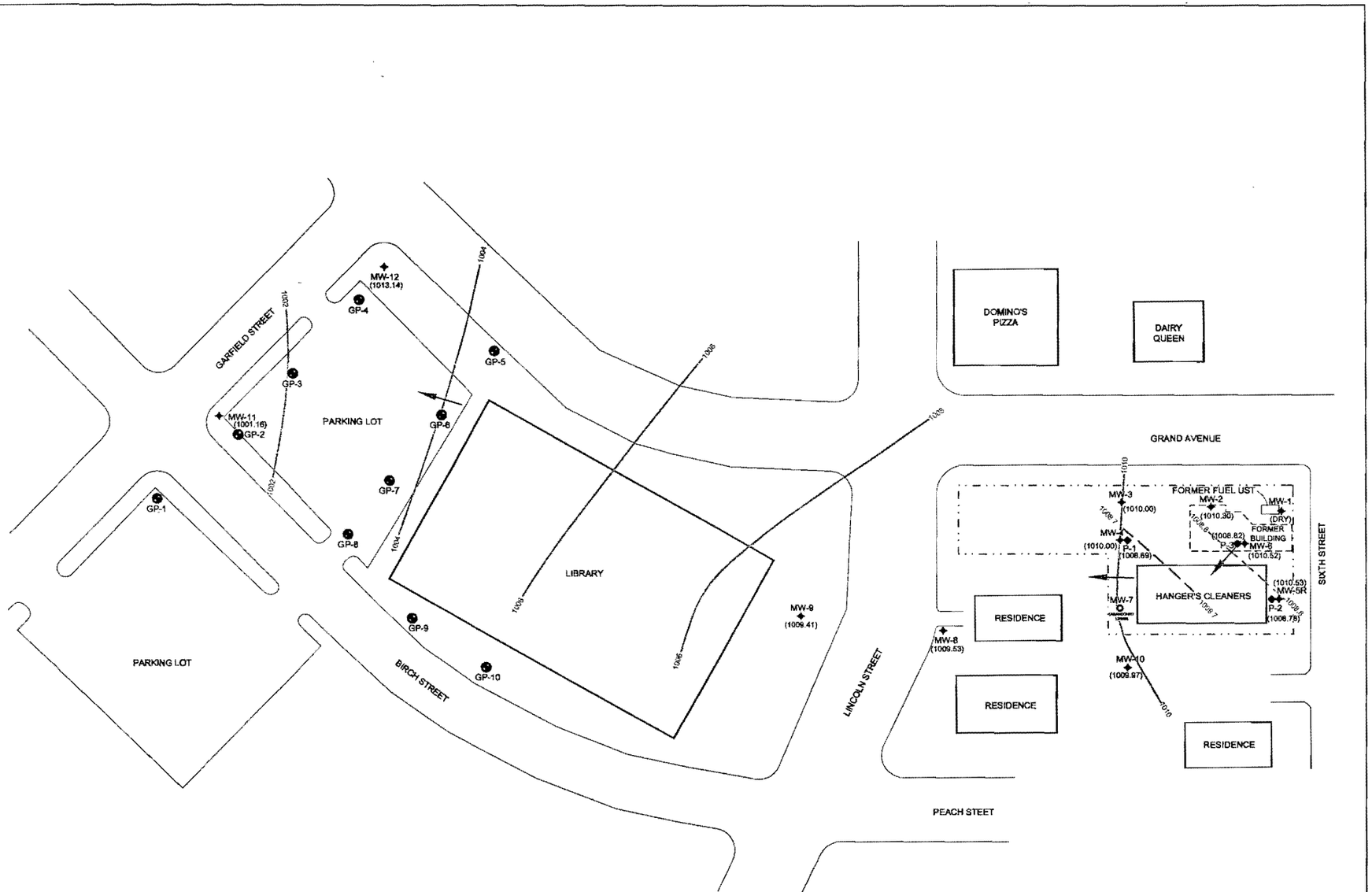
JUDGE'S DRY CLEANERS
540 EAST GRAND AVENUE
WISCONSIN RAPIDS, WISCONSIN

FIGURE 7
GROUNDWATER SAMPLING ANALYTICAL RESULTS SUMMARY

DESIGNED BY	KDM
DRN. BY	MMM
PROJ. NO.	25666776
DATE	12/11/2007

URS

P:\GIS\25666776 Hangers Cleaners-Wisc Rapids\CAD\CLOSURE REPORT\DELIVERABLES\FIG 7 - GROUNDWATER SAMPLING ANALYTICAL RESULTS SUMMARY.dwg User:michele_mcgovock Dec 28, 2007 - 11:47am



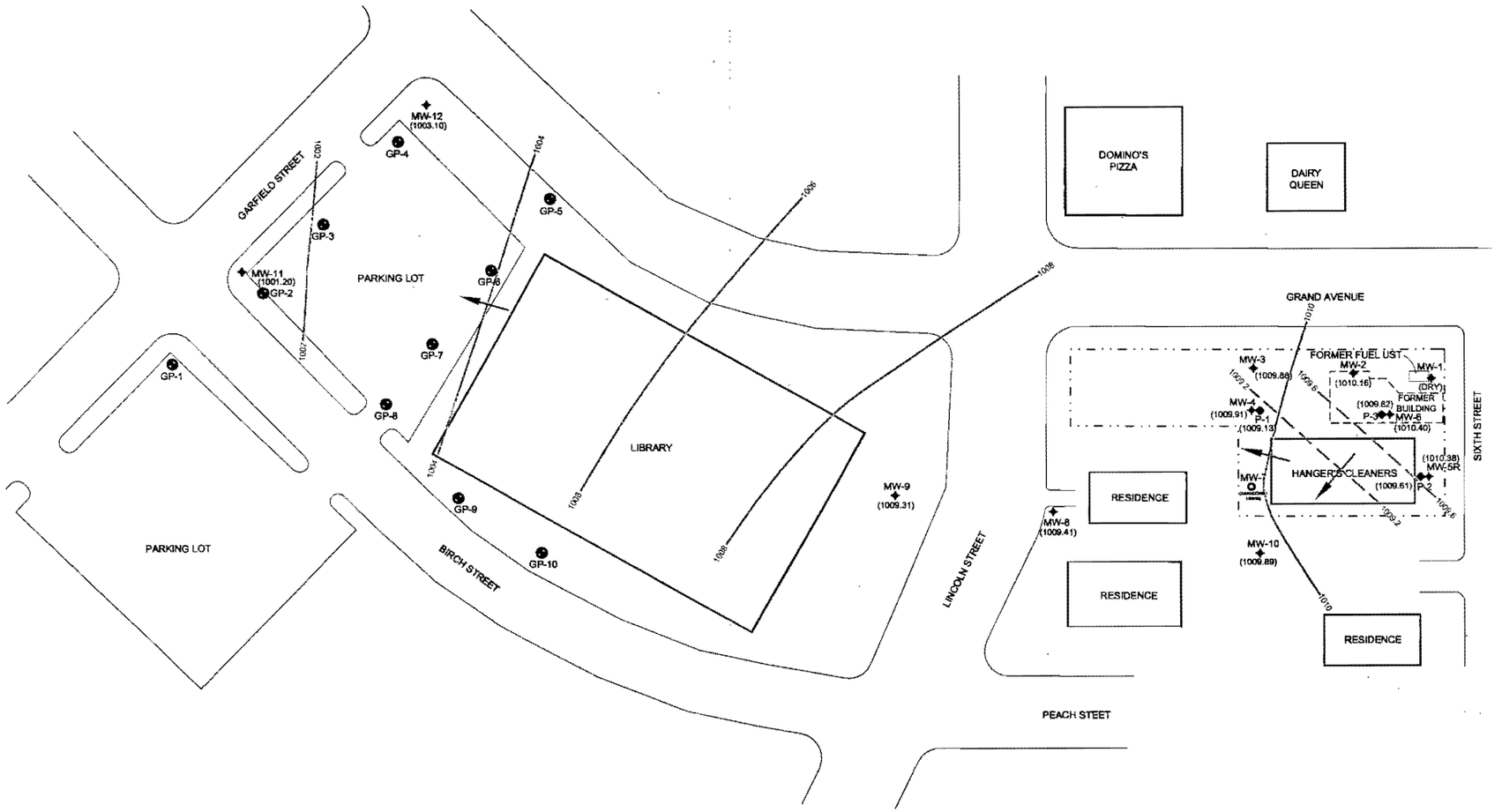
JUDGE'S DRY CLEANERS
540 EAST GRAND AVENUE
WISCONSIN RAPIDS, WISCONSIN

FIGURE 5
GROUNDWATER ELEVATION
CONTOUR MAP - 6/22/06

DESIGNED BY	KDM
DRN. BY	MMM
PROJ. NO.	25688776
DATE	12/11/07

URS

P:\GEO\25688776 Hangers Cleaners - Wisc Rapids\CAD\CLOSURE REPORT\DELIVERABLES\FIG 5 - GROUNDWATER ELEVATION CONTOUR MAP - 6-22-06.dwg User:michael.mcgowan Dec 28, 2007 - 11:41am



NORTH

0 40 80

SCALE IN FEET

LEGEND

- MW-5R — MONITORING WELL
- P-2 — PIEZOMETER
- GP-2 — 2003 GEOPROBE BORING
- DEEP GROUNDWATER CONTOURS
- SHALLOW GROUNDWATER CONTOURS
- FLOW DIRECTION

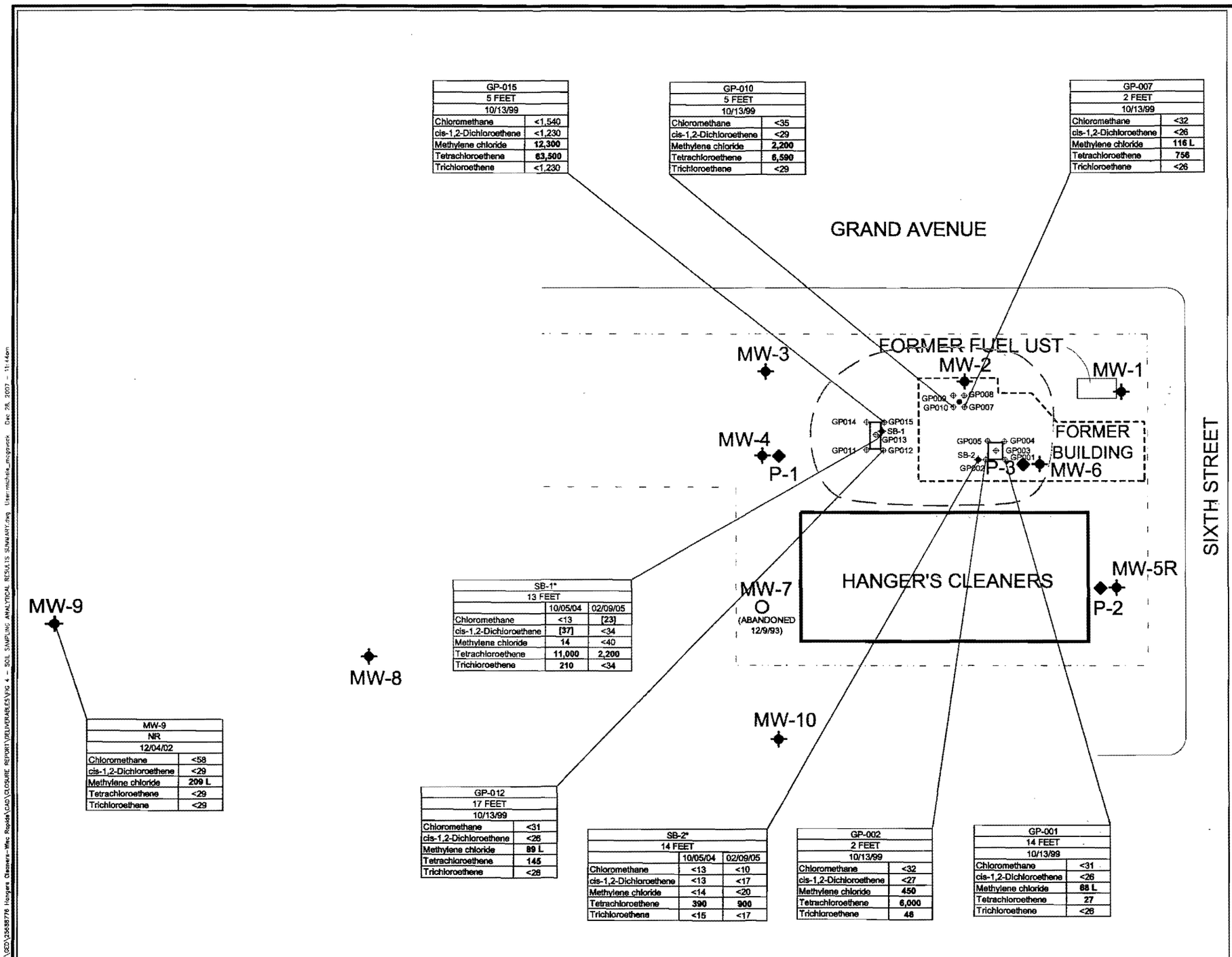
JUDGE'S DRY CLEANERS
540 EAST GRAND AVENUE
WISCONSIN RAPIDS, WISCONSIN

FIGURE 6
GROUNDWATER ELEVATION
CONTOUR MAP - 11/09/06

DESIGNED BY	KDM
DRN. BY	MMM
PROJ. NO.	25688776
DATE	12/11/07

URS

P:\GEO\25688776 Hangers Cleaners-Wisc Rapids\CAD\CLOSURE REPORT\DELIVERABLES\Fig 6 - GROUNDWATER ELEVATION CONTOUR MAP - 11-09-06.dwg Username=mcgowock Dec 28, 2007 - 11:43am



GP-015	
5 FEET	
10/13/99	
Chloromethane	<1,540
cis-1,2-Dichloroethene	<1,230
Methylene chloride	**12,300**
Tetrachloroethene	**63,500**
Trichloroethene	<1,230

GP-010	
5 FEET	
10/13/99	
Chloromethane	<35
cis-1,2-Dichloroethene	<29
Methylene chloride	**2,200**
Tetrachloroethene	**6,590**
Trichloroethene	<29

GP-007	
2 FEET	
10/13/99	
Chloromethane	<32
cis-1,2-Dichloroethene	<26
Methylene chloride	**116 L**
Tetrachloroethene	**756**
Trichloroethene	<26

SB-1*		
13 FEET		
	10/05/04	02/09/05
Chloromethane	<13	[23]
cis-1,2-Dichloroethene	[37]	<34
Methylene chloride	**14**	<40
Tetrachloroethene	**11,000**	**2,200**
Trichloroethene	**210**	<34

MW-9	
NR	
12/04/02	
Chloromethane	<58
cis-1,2-Dichloroethene	<29
Methylene chloride	**209 L**
Tetrachloroethene	<29
Trichloroethene	<29

GP-012	
17 FEET	
10/13/99	
Chloromethane	<31
cis-1,2-Dichloroethene	<26
Methylene chloride	**89 L**
Tetrachloroethene	**145**
Trichloroethene	<26

SB-2*		
14 FEET		
	10/05/04	02/09/05
Chloromethane	<13	<10
cis-1,2-Dichloroethene	<13	<17
Methylene chloride	<14	<20
Tetrachloroethene	**390**	**900**
Trichloroethene	<15	<17

GP-002	
2 FEET	
10/13/99	
Chloromethane	<32
cis-1,2-Dichloroethene	<27
Methylene chloride	**450**
Tetrachloroethene	**6,000**
Trichloroethene	**48**

GP-001	
14 FEET	
10/13/99	
Chloromethane	<31
cis-1,2-Dichloroethene	<26
Methylene chloride	**88 L**
Tetrachloroethene	**27**
Trichloroethene	<26

NORTH

0 15 30

SCALE IN FEET

LEGEND

- MW-5R — MONITORING WELL
- P-2 — PIEZOMETER
- GP-2 — 2003 GEOPROBE BORING
- SB-1 — 2004,2005 GEOPROBE BORING
- GP013 — 1999 GEOPROBE BORING
- MW-7 — ABANDONED MONITORING WELL
- ESTIMATED EXTENT OF IMPACTED SOIL

NOTES:

1. VOC SCAN BY EPA METHOD 8260B; DETECTED COMPOUNDS ARE PRESENTED.
2. *: SB-1 AND SB-2 WERE ADVANCED ON OCTOBER 5, 2004 AND FEBRUARY 9,2005 TO EVALUATE ANY DECREASE IN SOIL HYDROCARBON CONTENT RESULTING FROM IN-SITU REMEDIATION.
3. [0.23]: ESTIMATED CONCENTRATION REPORTED BETWEEN LEVEL OF QUANTITATION AND THE LEVEL OF DETECTION.
4. µg/kg: MICROGRAMS PER KILOGRAM.
5. L: DETECTION WAS FLAGGED ON THE LABORATORY REPORT AS LABORATORY CONTAMINANT.
6. DETECTIONS ARE PRESENTED IN BOLD TYPE.

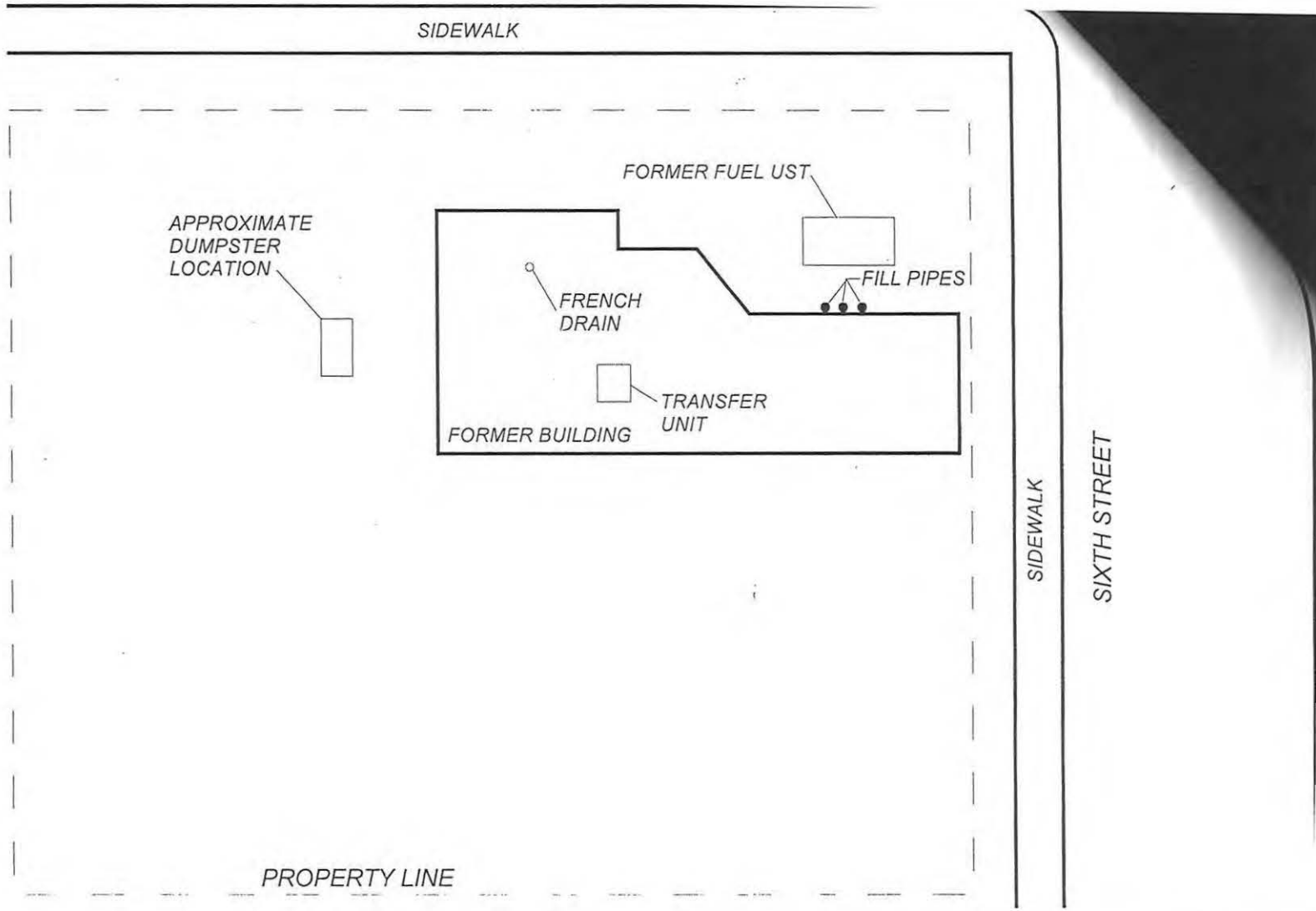
JUDGE'S DRY CLEANERS
540 EAST GRAND AVENUE
WISCONSIN RAPIDS, WISCONSIN

FIGURE 4
SOIL SAMPLING ANALYTICAL RESULTS SUMMARY

DESIGNED BY	KDM
DRN. BY	MMM
PROJ. NO.	25688776
DATE	12/11/07

URS

P:\GED\25688776 Hangers Cleaners - Wisc Rapids\CAD\CLOSURE REPORT\DELIVERABLES\FIG 4 - SOIL SAMPLING ANALYTICAL RESULTS SUMMARY.dwg Usermichele_mcgovern Dec 28, 2007 - 11:44am



APPROXIMATE SCALE IN FEET

0 10 20 30 40

NORTH

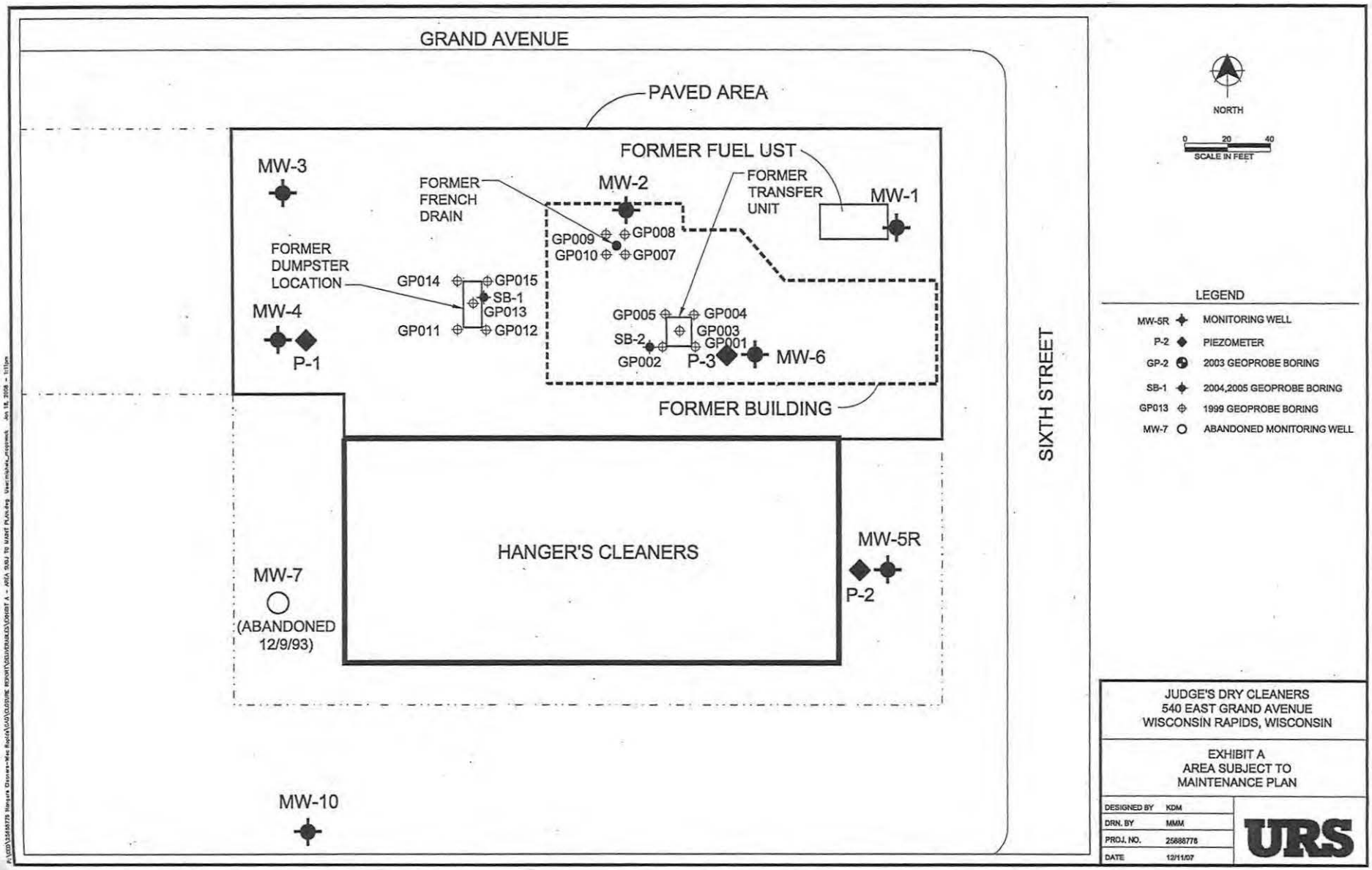
JUDGE'S UNIFORM & TEXTILE SERVICES
WISCONSIN RAPIDS, WISCONSIN

FIGURE 2
FORMER SITE LAYOUT

DAMES & MOORE

DATE: MARCH 1999

PROJECT No.: 41350-003

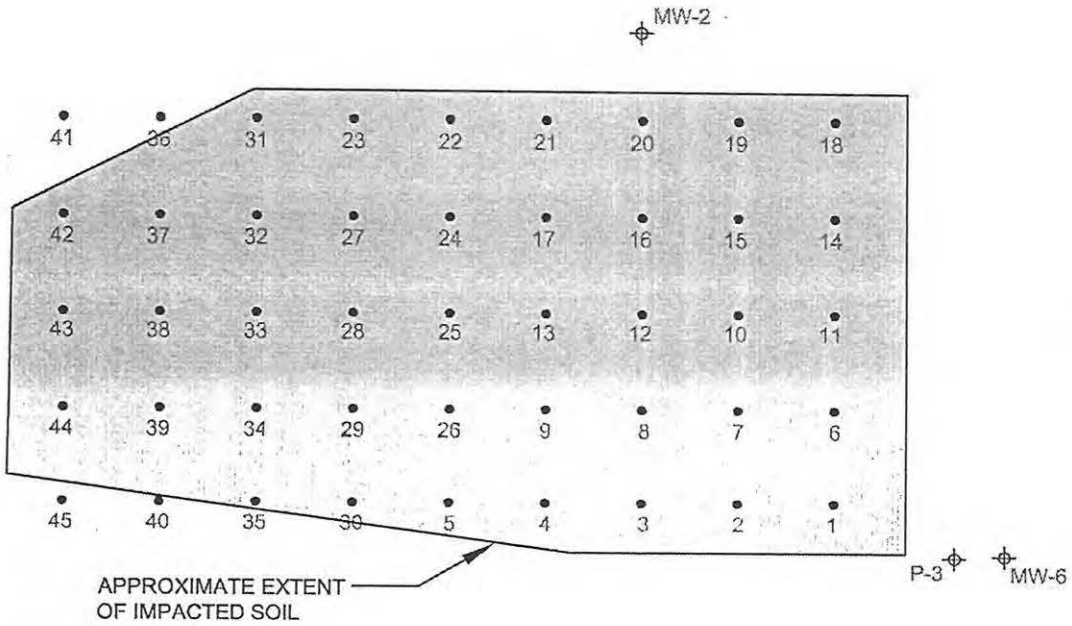


JUDGE'S DRY CLEANERS
540 EAST GRAND AVENUE
WISCONSIN RAPIDS, WISCONSIN

EXHIBIT A
AREA SUBJECT TO
MAINTENANCE PLAN

DESIGNED BY	KDM
DRN. BY	MMM
PROJ. NO.	25688776
DATE	12/11/07

URS



NORTH

0 10

SCALE IN FEET

LEGEND

MW-2 MONITORING WELL

22 INJECTION POINT WITH DIRECT PUSH

EXISTING BUILDING

FORMER JUDGE'S CLEANERS
WISCONSIN RAPIDS, WISCONSIN

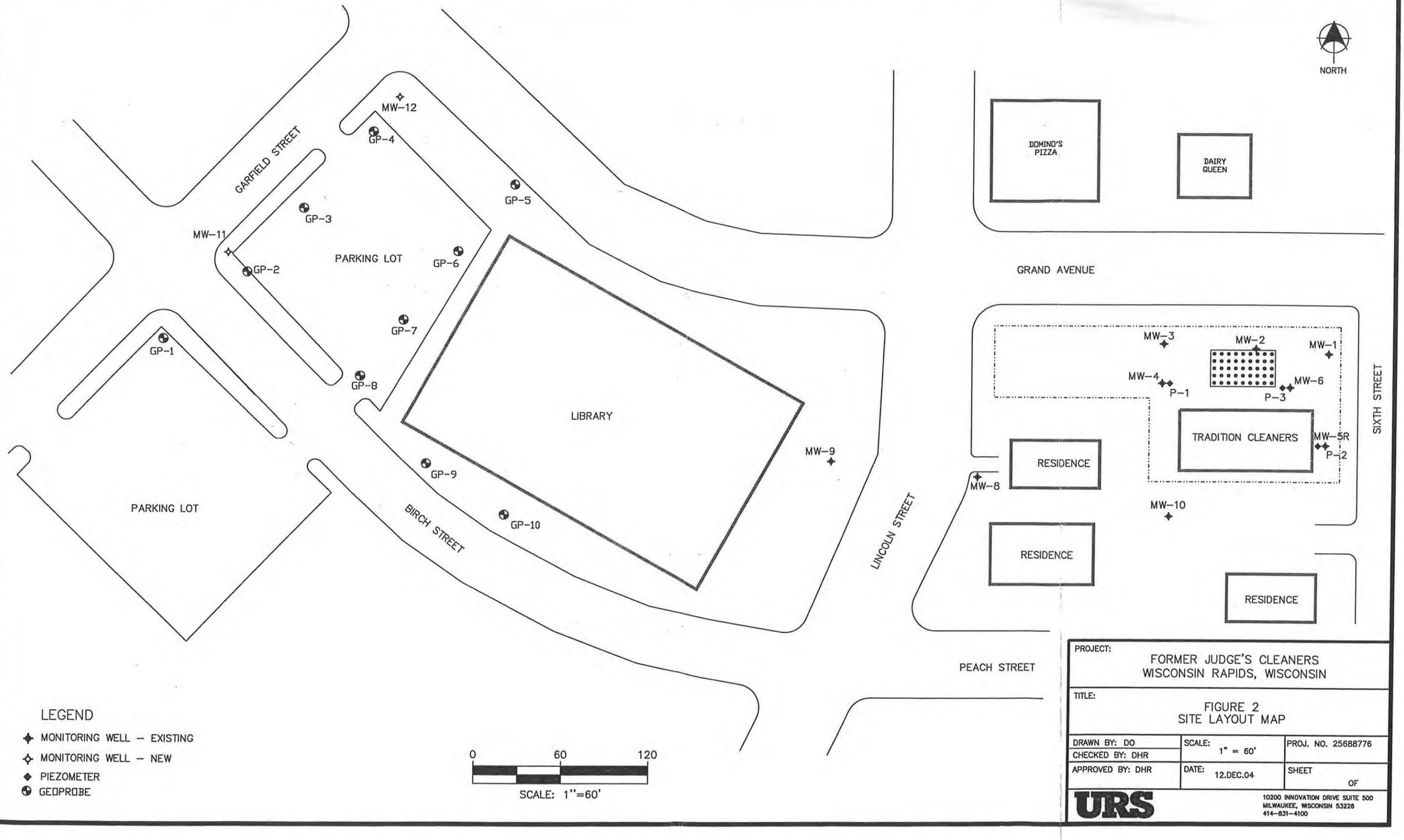
FIGURE 4
BIOX INJECTION AREA

URS

DATE: 03/21/06

PROJ. NO.: 25688776

FILE: GED\25688776 Hangers\Fig3



PROJECT:
FORMER JUDGE'S CLEANERS
WISCONSIN RAPIDS, WISCONSIN

TITLE:
FIGURE 2
SITE LAYOUT MAP

DRAWN BY: DO	SCALE: 1" = 60'	PROJ. NO. 25688776
CHECKED BY: DHR		
APPROVED BY: DHR	DATE: 12.DEC.04	SHEET OF

URS
10200 INNOVATION DRIVE SUITE 500
MILWAUKEE, WISCONSIN 53226
414-831-4100

FILE: S:\HANGER'S_CLEANERS\FIGURES\0603FIG2SITEMAP

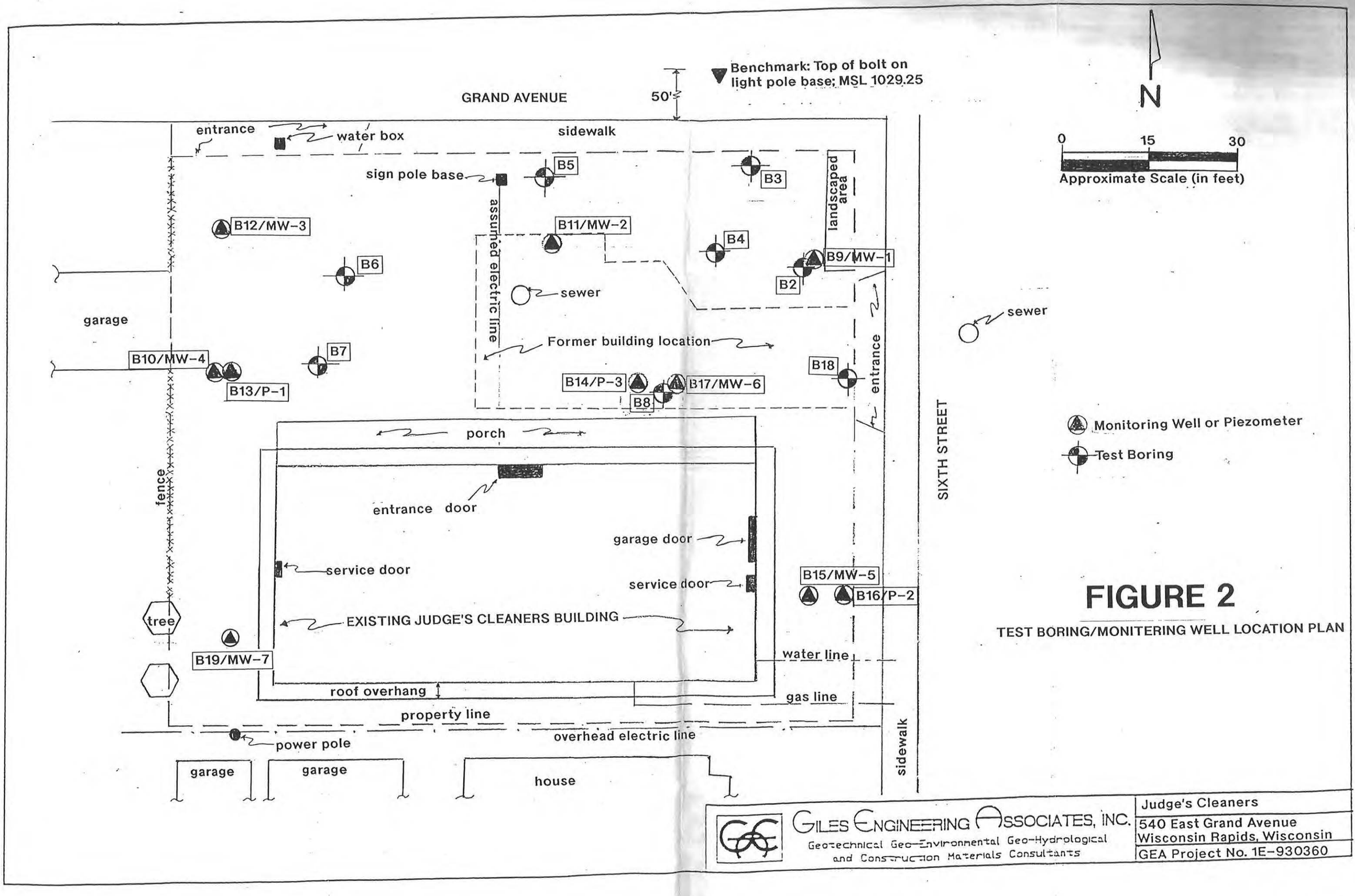


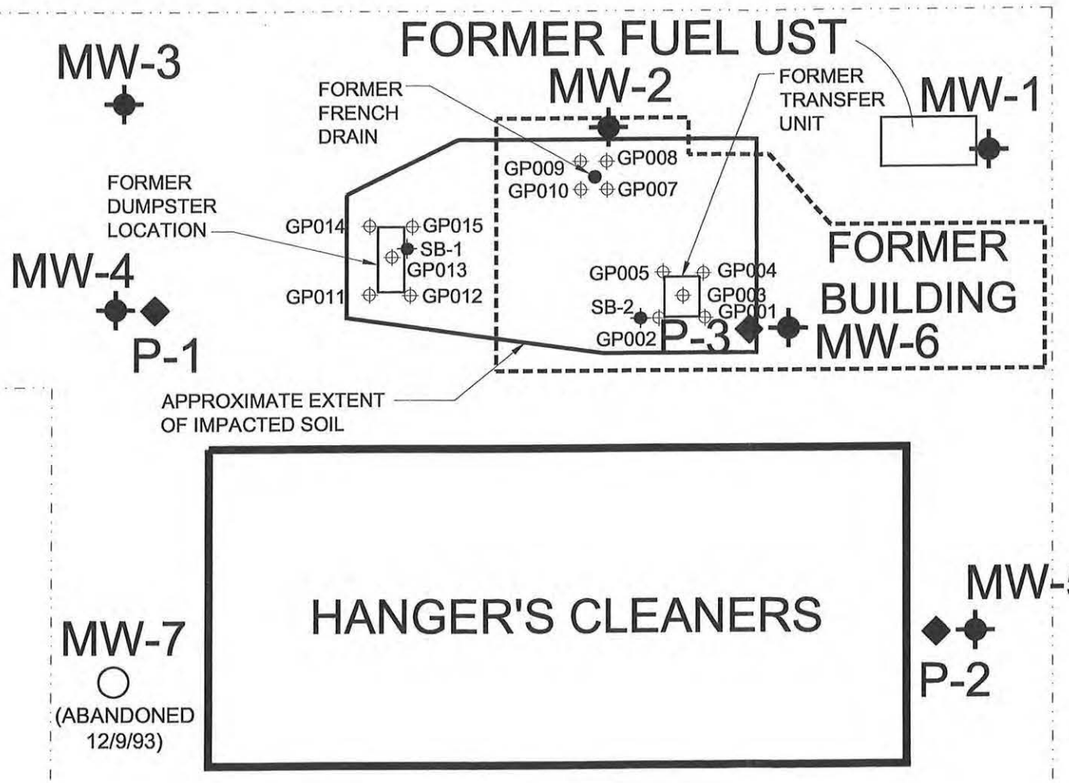
FIGURE 2

TEST BORING/MONITERING WELL LOCATION PLAN

GILES ENGINEERING ASSOCIATES, INC.
Geotechnical Geo-Environmental Geo-Hydrological and Construction Materials Consultants

Judge's Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin
GEA Project No. 1E-930360

GRAND AVENUE



SIXTH STREET

NORTH

0 10 20
SCALE IN FEET

LEGEND

MW-5R	✦	MONITORING WELL
P-2	◆	PIEZOMETER
GP-2	⊕	2003 GEOPROBE BORING
SB-1	✦	2004,2005 GEOPROBE BORING
GP013	⊕	1999 GEOPROBE BORING
MW-7	○	ABANDONED MONITORING WELL

JUDGE'S DRY CLEANERS
540 EAST GRAND AVENUE
WISCONSIN RAPIDS, WISCONSIN

FIGURE 3
SUBJECT PROPERTY CONFIGURATION

DESIGNED BY	KDM
DRN. BY	MMM
PROJ. NO.	25688776
DATE	12/11/07

URS

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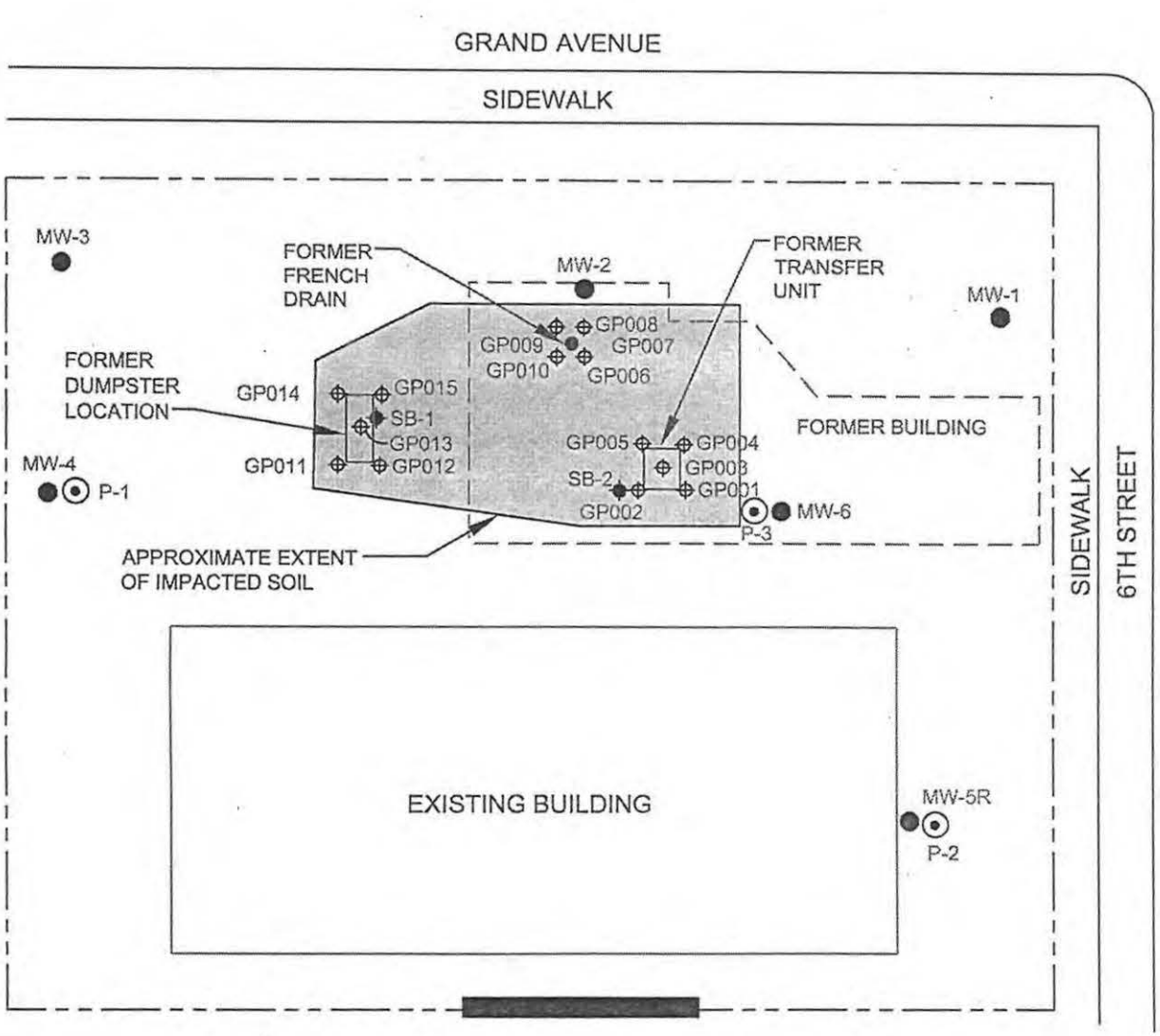
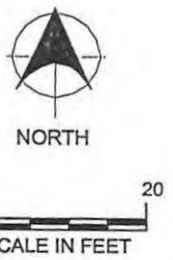




LEGEND

MW-1	WATER TABLE WELL
P-1	PIEZOMETER
GP005	GEOPROBE BORING (1999)
SB-27	GEOPROBE BORING (2004, 2005)

FORMER JUDGE'S CLEANERS
WISCONSIN RAPIDS, WISCONSIN

FIGURE 3
SOIL SAMPLE LOCATION MAP

URS

DATE: 03/21/06

PROJ. NO.: 23688776

GRAND AVENUE

SIDEWALK

B5
14.5 to 16: ND
Groundwater: 260 µg/L PCE

B3
14.5 to 16: ND

B12
17 to 18.5: 12 µg/kg PCE*

B11
17 to 18.5: ND*

B4
17 to 18.5: ND*
Groundwater: 140 µg/L PCE

B2
17 to 18.5: ND*

B9
17 to 18.5: ND*

B6
14.5 to 16: ND
17 to 18.5: ND*

B10 B13
17 to 18.5: 470 µg/kg PCE*
19.5 to 21: 50 µg/kg PCE*

B7
12 to 13.5: ND
14.5 to 16: ND
17 to 18.5: 240 mg/kg TPH*
240 µg/kg naphthalene*
150 µg/kg PCE*

FORMER BUILDING

B14 B17 B8
17 to 18.5: ND*

B18
2 to 3.5: ND
17 to 18.5: 6 µg/kg PCE*

EXISTING BUILDING

B15 B16

B19
17 to 18.5: 40 µg/kg PCE*

PROPERTY LINE

SIDEWALK

SIXTH STREET

SOIL BORING (RESULTS OF ANALYSES ARE INDICATED; AN ASTERISK INDICATES SAMPLE COLLECTED FROM BENEATH THE WATER TABLE)

APPROXIMATE SCALE IN FEET
0 5 10 15 20

NORTH

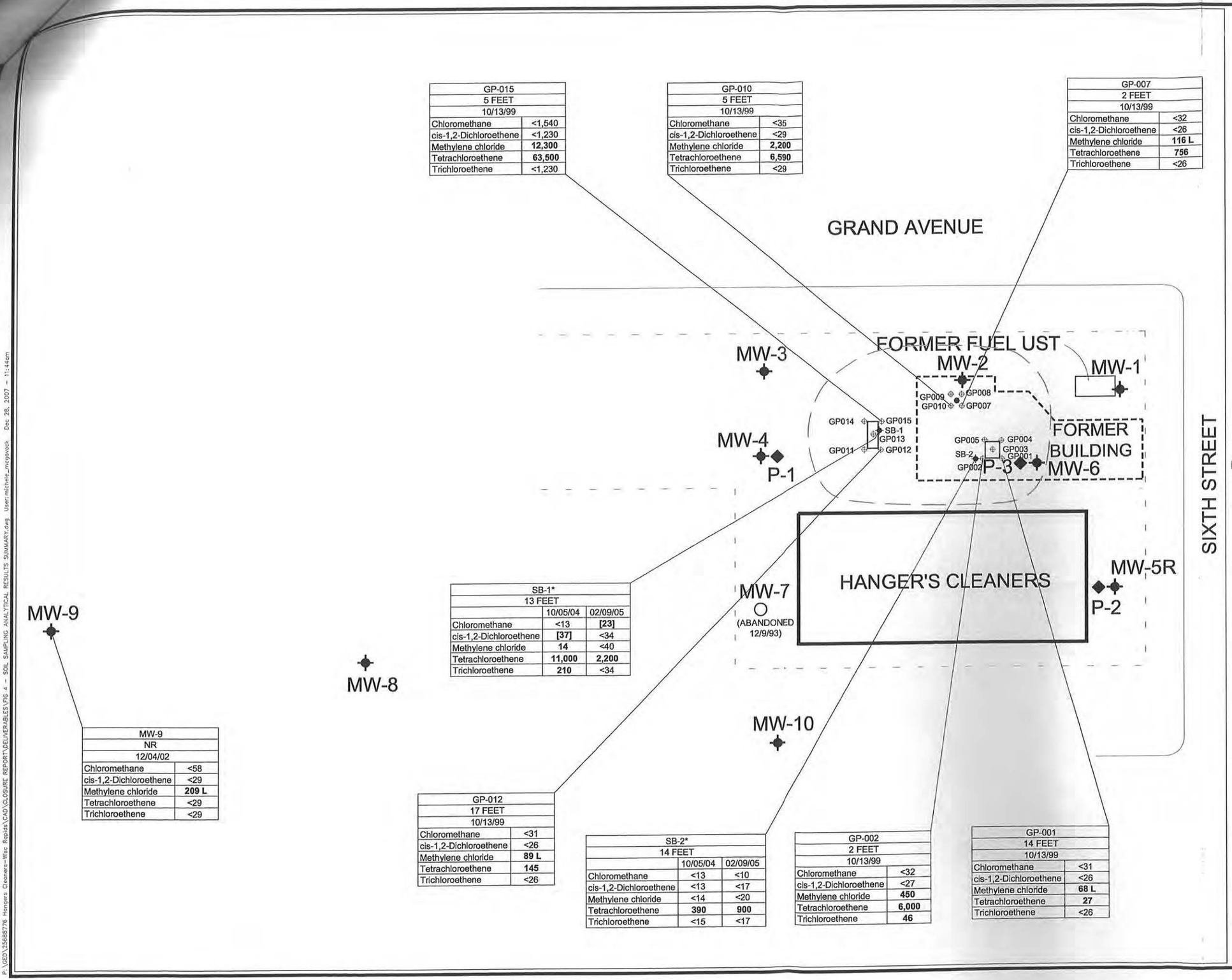
JUDGE'S UNIFORM & TEXTILE SERVICES
WISCONSIN RAPIDS, WISCONSIN

FIGURE 4
RESULTS OF SOIL SAMPLE ANALYSES

DAMES & MOORE
DCM GROUP

DATE: MARCH 1999

PROJECT No.: 41350-003



NOTES:

1. VOC SCAN BY EPA METHOD 8260B; DETECTED COMPOUNDS ARE PRESENTED.
2. *: SB-1 AND SB-2 WERE ADVANCED ON OCTOBER 5, 2004 AND FEBRUARY 9,2005 TO EVALUATE ANY DECREASE IN SOIL HYDROCARBON CONTENT RESULTING FROM IN-SITU REMEDIATION.
3. [0.23]: ESTIMATED CONCENTRATION REPORTED BETWEEN LEVEL OF QUANTITATION AND THE LEVEL OF DETECTION.
4. µg/kg: MICROGRAMS PER KILOGRAM.
5. L: DETECTION WAS FLAGGED ON THE LABORATORY REPORT AS LABORATORY CONTAMINANT.
6. DETECTIONS ARE PRESENTED IN BOLD TYPE.

JUDGE'S DRY CLEANERS
540 EAST GRAND AVENUE
WISCONSIN RAPIDS, WISCONSIN

FIGURE 4
SOIL SAMPLING ANALYTICAL RESULTS SUMMARY

DESIGNED BY	KDM
DRN. BY	MMM
PROJ. NO.	25688776
DATE	12/11/07

URS

P:\GD\25688776 Hangers Cleaners-Wisc Rapids\CAD\CLOSURE REPORT\DELIVERABLES\FIG 4 - SOIL SAMPLING ANALYTICAL RESULTS SUMMARY.dwg User:michelek_mcgavock Dec 28, 2007 - 11:44am

TABLE 1
RESULTS OF HEAD SPACE SCREENING OF SOIL SAMPLES
JUDGE'S CLEANERS
WISCONSIN RAPIDS, WISCONSIN
Results given in parts per million by head space volume

SAMPLE	DEPTH (feet)	PID RESULTS
GP001	0 - 2	35
	2 - 4	- -
	4 - 6	17
	6 - 8	7
	8 - 10	9
	10 - 12	25
	12 - 14	47
	14 - 16	13
	16 - 18	39
GP002	0 - 5 (1)	26
		2
	5 - 10 (1)	1
		0
	10 - 14 (1)	4
		2
	14 - 18	2
GP003	0 - 5 (1)	21
		0
	5 - 10 (1)	0
		1
	10 - 14 (1)	1
		2
	14 - 18 (1)	3
		4
GP004	0 - 5 (1)	11
		1
	5 - 10 (1)	1
		2
	10 - 14 (1)	0.5
		3
	14 - 18 (1)	5
		7
GP005	0 - 5 (1)	0.5
		4
	5 - 10 (1)	2
		2
	10 - 14 (1)	1
		4
	14 - 18 (1)	3
		10

SAMPLE	DEPTH (feet)	PID RESULTS
GP006	0 - 5 (1)	2
		14
	5 - 10 (1)	19
		30
	10 - 14 (1)	2
		24
	14 - 18 (1)	7
		17
GP007	0 - 5 (1)	34
		6
	5 - 10 (1)	16
		13
	10 - 14 (1)	26
		6
	14 - 18 (1)	30
		16
GP008	0 - 5 (1)	11
		6
	5 - 10 (1)	20
		3
	10 - 14 (1)	9
		13
	14 - 18 (1)	2
		6
GP009	0 - 5 (1)	30
		9
	5 - 10 (1)	12
		17
	10 - 14 (1)	11
		21
	14 - 18 (1)	6
		11
GP010	0 - 5 (1)	33
		39
	5 - 10 (1)	0
		12
	10 - 14 (1)	18
		15
	14 - 18 (1)	11
		19

SAMPLE	DEPTH (feet)	PID RESULTS
GP011	0 - 5 (1)	36
		16
	5 - 10 (1)	23
		24
	10 - 14 (1)	22
		44
	14 - 18 (1)	6
		82
GP012	0 - 5 (1)	16
		23
	5 - 10 (1)	29
		30
	10 - 14 (1)	15
		22
	14 - 18 (1)	91
		246
GP013	0 - 5 (1)	20
		24
	5 - 10 (1)	36
		21
	10 - 14 (1)	33
		42
	14 - 18 (1)	47
		92
GP014	0 - 5 (1)	26
		37
	5 - 10 (1)	12
		32
	10 - 14 (1)	85
		26
	14 - 18 (1)	12
		34
GP015	0 - 5 (1)	99
		177
	5 - 10 (1)	12
		18
	10 - 14 (1)	14
		26
	14 - 18 (1)	23
		34

(1) Results given for top and bottom of samples.

TABLE 3

RESULTS OF SOIL CHEMICAL ANALYSIS FOR
VOLATILE ORGANIC COMPOUNDS AND TPH

Judge's Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin
GEA Project No. 1E-930360

Boring Number	Sample Depth (feet)	Volatile Organic Compounds								
		Benzene	Toluene	Ethylbenzene	Xylene	Naphthalene	cis 1,2-DCE	trans 1,2-DCE	PCE	TCE
B8	17-18½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B9/MW1	17-18½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B10/MW4	17-18½	<2	<2	<2	<2	<2	<2	<2	470	<2
B10/MW4	19½-21	<2	<2	<2	<2	<2	<2	<2	50	<2
B11/MW2	17-18½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B12/MW3	17-18½	<2	<2	<2	<2	<2	<2	<2	12	<2
B13/P1	17-18½	<2	<2	<2	<2	<2	<2	<2	80	<2
B14/P3	2-3½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B14/P3	17-18½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B16/P2	2-3½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B16/P2	17-18½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B18	2-3½	<2	<2	<2	<2	<2	<2	<2	<2	<2
B18	17-18½	<2	<2	<2	<2	<2	<2	<2	6	<2
B19/MW7	17-18½	<2	<2	<2	<2	<2	<2	<2	40	<2
B7 (GEA Project No. 1E-921017)	17-18½	<2	<2	<2	<2	240	<2	<2	150	<2

Note: All results reported as micrograms per Liter
DCE: Dichloroethylene
PCE: Tetrachloroethylene (a.k.a. Perchloroethylene)
TCE: Trichloroethylene

1E930360 (WP/BU22)

TABLE 2
RESULTS OF LABORATORY ANALYSES OF SOIL SAMPLES
JUDGE'S CLEANERS
WISCONSIN RAPIDS, WISCONSIN
Results given in µg/kg

PARAMETER (1)	SAMPLE LOCATION AND DEPTH (feet)					
	GP001 (14)	GP002 (2)	GP007 (2)	GP010 (5)	GP012 (17)	GP015 (15)
Methylene chloride (2)	68	450	116	2,200	89	12,300
Tetrachloroethene	27	6,000	756	6,590	145	63,500
Trichloroethene	<26	46	<26	<29	<26	<1,230

(1) Full VOC scan was completed; results are only given for detected parameters.
(2) Laboratory contaminant.

TABLE 4
SUMMARY OF PRE- AND POST-TREATMENT SOIL SAMPLES
FORMER JUDGE'S CLEANERS SITE
540 EAST GRAND AVENUE
WISCONSIN RAPIDS, WISCONSIN

Parameter & Boring ID	Pre-treatment in ug/kg	Post-treatment in ug/kg	Percent Change
Cis-1,2-DCE			
SB-1	37	<23>	Reduced by 37%
SB-2	<13	<17	No change (ND)
PCE			
SB-1	11,000	2,200	Reduced by 80%
SB-2	390	900	Increased by 57%
TCE			
SB-1	210	<34	Reduced by 100% to ND
SB-2	<15	<17	No change (ND

Notes:
<23> = estimated detection, detected between the LOD and LOQ.
No other VOCs were detected.
ND = not detected at LOD.

Table 3
Pre- and Post-Treatment Soil Results
Tradition Cleaners Site
Wisconsin Rapids, Wisconsin

Location ID	Sample Date	Sample Interval Depth (ft bgs)	Field PID (ppm)	Laboratory Analysis		
				cis-1,1-DCE (ug/kg)	PCE (ug/kg)	TCE (ug/kg)
Pre-Treatment						
SB-1-2004	10/5/2004	0-1	0.3			
		2-3	81.0			
		3-4	18.4			
		5-6	0.4			
		6-7	0.0			
		7-8	0.0			
		8-9	50.2			
		9-10	70.7			
		11-12	0.0			
		12-13	1.2			
		13-14	172.0	<37>	11,000	210
		14-15	39.3			
		16-17	0.0			
		17-18	6.7			
		18-19	20.6			
		19-20	34.4			
SB-2-2004	10/5/2004	0-1	0.0			
		2-3	1.3			
		3-4	9.6			
		5-6	0.1			
		6-7	1.0			
		7-8	0.9			
		8-9	5.8			
		10-12	0.4			
		13-15	11.9	<13	390	<15
		15-16	1.0			
		17-18	5.4			
		19-20	3.4			
Post-Treatment						
SB-1-2005	2/9/2005	2-3	11.6			
		4-5	12.4			
		6-7	20.5			
		9-10	12.8			
		11-12	60.9	<23>	2,200	<34
		13-14	9.0			
		15-16	10.8			
		17-18	28.5			
		19-20	14.0			
SB-2-2005	2/9/2005	2-3	31.2			
		4-5	22.1			
		6-7	27.8			
		9-10	11.8			
		11-12	36.5	<17	900	<17
		12-13	13.6			
		14-15	5.2			
		16-17	12.2			
		19-20	7.2			

Notes:
<23> = detected between the Limit of Detection (LOD) and the Limit of Quantiation (LOQ)
No other VOCs were detected.

Table 2

Historical Groundwater Sample Results
Tradition Cleaners Site (Former Judge's Cleaners)
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	MW-1						Post		MW-2						Post	
			Mar-93	Oct-99	Feb-02	Dec-02	Jun-03	Nov-04	Apr-05	Aug-05	Apr-93	Oct-99	Feb-02	Dec-02	Jun-03	Nov-04	Apr-05	Aug-05
Volatile organic compounds (µg/L)[1]:																		
Chloromethane	0.3	3	<1	<0.25	<0.24	<0.25	<0.24	<0.14	<0.24	<0.24	<1	<0.25	<0.24	0.53	<0.24	<1.4	<1.2	<1.2
cis-1,2-Dichloroethene	7	70	<1	<0.25	<1	<0.25	<0.40	<0.15	<0.40	<0.40	<1	<0.25	<1	<0.25	<0.40	<1.5	<2.0	<2.0
trans-1,2-Dichloroethene	20	100	<1	<0.25	<0.23	<0.25	<0.35	<0.17	<0.35	<0.35	<1	<0.25	<0.23	<0.25	<0.35	<1.7	<1.7	<1.7
p-Isopropyltoluene	--	--	<1	<0.25	<0.2	<0.25	<0.30	<0.18	<0.30	<0.30	<1	<0.25	<0.2	<0.25	<0.30	<1.8	<1.5	<1.5
Methylene chloride[2]	0.5	5	<5	<0.25	<0.35	<0.25	<0.43	<0.18	<0.43	<0.43	<5	<0.25	<0.35	0.47	<0.43	<1.8	<2.1	<2.1
Naphthalene	8	40	<1	<0.10	<0.68	<0.25	<0.39	<0.24	<0.39	<0.39	<1	<0.10	<0.68	<0.25	<0.39	<2.4	<2.0	<2.0
Tetrachloroethene	0.5	5	<1	**7**	**2.8**	**12**	**9.3**	**9.1**	**3.8**	**6.2**	**70**	**11**	**5.6**	**53**	**100**	**130**	**65**	**85**
Toluene	200	1,000	<1	<0.25	<0.22	<0.25	<0.34	<0.21	<0.34	<0.34	<1	<0.25	<0.22	<0.25	<0.34	<2.1	<1.7	<1.7
Trichloroethene	0.5	5	<1	<0.25	<0.36	<0.25	<0.25	<0.20	<0.25	<0.25	<1	<0.25	<0.36	<0.25	<0.41>	<2.0	<1.2	<1.2
Vinyl Chloride	0.02	0.2	<1	<0.11	<0.11	<0.11	<0.11	<0.17>	<0.11	<0.11	<1	<0.11	<0.11	<0.11	<0.11	<1.5	<0.53	<0.53
Other Parameters:																		
Chloride (mg/L)	125	250	NA	NA	NA	NA	NA	220	210	260	NA	NA	NA	NA	NA	450	250	420
Nitrate (mg/L)	2	10	NA	NA	NA	**4.5**	NA	3.9	3.5	4.7	NA	NA	NA	**7.5**	NA	4.2	5.8	6.1
Sulfate (mg/L)	125	250	NA	NA	NA	31	NA	24	24	<24>	NA	NA	NA	31	NA	25	33	33
Dissolved iron (mg/L)	0.15	0.3	NA	NA	NA	<0.042	NA	<0.1	<0.1	<0.1	NA	NA	NA	<0.42	NA	<0.1	0.1	0.1
Conductivity (µS)	--	--	NA	NA	NA	1,520	760	345	967	100	NA	NA	NA	1,370	790	1212	223	1500
Temperature (degrees C)	--	--	NA	NA	NA	14.7	12.2	14.1	10.9	15.2	NA	NA	NA	14.8	12.2	13.9	10.9	15.6
Dissolved oxygen (mg/L)	--	--	NA	NA	NA	1.02	2.4	7.39	2.94	2.69	NA	NA	NA	4.21	2.92	2.59	5.35	<0.01
Dissolved Methane gas (µg/L)	--	--	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	<0.5	NA
Dissolved Ethane gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	<1.1>	<0.5	<0.5
Dissolved Ethene gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	<0.63>	<0.5	NA	NA	NA	NA	NA	<0.5	<0.55>	<0.5
GRO (water) (mg/L)	--	--	NA	NA	NA	NA	NA	<0.015	NA	NA	NA	NA	NA	NA	NA	<0.015>	NA	NA

<0.35>: Estimated concentration reported between level of quantitation and the level of detection.
µg/L: micrograms per liter
[1] VOC scan by EPA Method 8260B; only compounds detected are listed.
[2] Laboratory contaminant.
[3] Insufficient water in well for sample collection.
[4] Well abandoned after Dec '93 sampling event.
Shaded cell = ES exceedence. Bold = PAL exceedence
-- = no standard.
NA = Not analyzed. LV = low volume.
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Historical Groundwater Sample Results
Tradition Cleaners Site (Former Judge's Cleaners)
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	MW-3						Post		MW-4							Post	
			Apr-93	Oct-99	Feb-02	Dec-02	Jun-03	Nov-04	Apr-05	Aug-05	Mar-93	Oct-99	Feb-02	Dec-02		Jun-03	Nov-04	Apr-05	Aug-05
Volatile organic compounds (µg/L)[1]:														(Dup)					
Chloromethane	0.3	3	<1	<2.5	<0.24	<1.0	<0.24	<3.5	<2.4	<1.9	<1	<6.2	<0.24	<1.0	<1.0	<0.24	<0.28	<3.0	<3.0
cis-1,2-Dichloroethene	7	70	<1	<2.5	<1	<1.0	<0.62>	<3.6	<4.1	<3.2	<1	<6.2	<1	<1.0	<1.0	<0.40	<0.29	<5.0	<5.0
trans-1,2-Dichloroethene	20	100	<1	<2.5	<0.23	<1.0	<0.35	<4.2	<4.0	<2.8	<1	<6.2	<0.23	<1.0	<1.0	<0.35	<0.34	<4.3	<4.3
p-Isopropyltoluene	--	--	<1	<2.5	<0.2	<1.0	<0.30	<4.5	<3.0	<2.4	<1	<6.2	<0.2	<1.0	<1.0	<0.30	<0.36	<3.8	<3.8
Methylene chloride[2]	0.5	5	<5	<2.5	<0.35	0.40	<0.43	<4.4	<4.3	<3.4	<5	<6.2	<0.35	<1.0	<1.0	<0.43	<0.35	<5.3	<5.3
Naphthalene	8	40	<1	<1.0	<0.68	<1.0	<0.39	<6.1	<3.9	<3.1	<1	<2.5	<0.68	<1.0	<1.0	<0.39	<0.48	<4.9	<4.9
Tetrachloroethene	0.5	5	**180**	**390**	**180**	**270**	**390**	**540**	**86**	**620**	**1,900**	**880**	**80**	**210**	**220**	**83**	**17**	**130**	**260**
Toluene	200	1,000	<1	<1.0	<0.22	<1.0	<0.34	<5.2	<3.4	<2.7	<1	<6.2	<0.22	<1.0	<1.0	<0.34	<0.42	<4.2	<4.2
Trichloroethene	0.5	5	<1	<2.5	0.44	**1.1**	**1.7**	**<5.0**	<2.5	**6.7**	<1	<6.2	<0.36	<1.0	<1.0	<0.25>	<0.40	<3.1	<4.8
Vinyl Chloride	0.02	0.2	<1	<0.11	<0.11	<0.11	<0.11	<3.9	<1.1	<0.85	<1	<0.11	<0.11	<1.0	<1.0	<0.11	<0.31	<1.3	<1.3
Other Parameters:																			
Chloride (mg/L)	125	250	NA	NA	NA	NA	NA	360	230	330	NA	NA	NA	NA	NA	NA	400	320	390
Nitrate (mg/L)	2	10	NA	NA	NA	**5.2**	NA	4.2	6.2	6.6	NA	NA	NA	**5.4**	**5.3**	NA	4.6	7.12	7.1
Sulfate (mg/L)	125	250	NA	NA	NA	28	NA	27	30	30	NA	NA	NA	41	41	NA	28	30	32
Dissolved iron (mg/L)	0.15	0.3	NA	NA	NA	<0.042	NA	<0.1	0.2	<0.1	NA	NA	NA	<0.042	<0.042	NA	<0.1	<0.1	<0.1
Conductivity (µS)	--	--	NA	NA	NA	920	660	1190	1100	1300	NA	NA	NA	1,490		800	1096	1950	180
Temperature (degrees C)	--	--	NA	NA	NA	13.3	11.2	13.1	10	16	NA	NA	NA	14.8		10.9	10.9	10.9	14.5
Dissolved oxygen (mg/L)	--	--	NA	NA	NA	9.61	3.13	3.18	3.5	6.3	NA	NA	NA	0.99		1.93	2.12	1.05	<0.01
Dissolved Methane gas (µg/L)	--	--	NA	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA
Dissolved Ethane gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	<0.5	10	<0.5
Dissolved Ethene gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	<0.56>	<0.5	NA	NA	NA	NA	NA	NA	<0.5	<0.57>	<0.5
GRO (water) (mg/L)	--	--	NA	NA	NA	NA	NA	0.074	NA	NA	NA	NA	NA	NA	NA	NA	<0.015	NA	NA

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µg/L: micrograms per liter
[1] VOC scan by EPA Method 8260B; only compounds detected are listed.
[2] Laboratory contaminant.
[3] Insufficient water in well for sample collection.
[4] Well abandoned after Dec '93 sampling event.
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-- = no standard.
NA = Not analyzed. LV = low volume.
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Table 2
Historical Groundwater Sample Results
Tradition Cleaners Site (Former Judge's Cleaners)
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	MW-5R				Post		MW-6							Post		MW-7[4]
			Jun-93	Dec-02	Jun-03	Nov-04	Mar-05	Aug-05	Jun-93	Jul-93	Oct-99	Feb-02	Dec-02	Jun-03	Nov-04	Apr-05	Aug-05	Dec-93
Volatile organic compounds (µg/L)[1]:							*LV*	*Dry*								*LV/Dry*	*LV*	
Chloromethane	0.3	3	<1	[3]	<0.24	<0.14	<0.24	NA	<1	<1	<0.25	<0.24	[3]	<0.24	<1.1	NA	<2.4	<7.0
cis-1,2-Dichloroethene	7	70	<1	[3]	<0.40	<0.15	<0.40	NA	<1	<1	<0.25	<1	[3]	<0.40	<1.2	NA	<4.0	<7.0
trans-1,2-Dichloroethene	20	100	<1	[3]	<0.35	<0.17	<0.35	NA	<1	<1	<0.25	<0.23	[3]	<0.35	<1.3	NA	<3.5	<7.0
p-Isopropyltoluene	--	--	<1	[3]	<0.30	<0.18	<0.30	NA	<1	<1	<0.25	<0.2	[3]	<0.30	<1.4	NA	<3.0	<7.0
Methylene chloride[2]	0.5	5	<5	[3]	<0.43	<0.18	<0.43	NA	<5	<5	<0.25	<0.35	[3]	<0.43	<1.4	NA	<4.3	<4.0
Naphthalene	8	40	<1	[3]	<0.39	<0.24	<0.39	NA	<1	<1	0.60	<0.68	[3]	<0.39	<1.9	NA	<3.9	<7.0
Tetrachloroethene	0.5	5	<1	[3]	**7**	**3.0**	**3.4**	NA	**130**	**120**	**27**	**17**	[3]	**58**	**75**	NA	**110**	**550**
Toluene	200	1,000	<1	[3]	<0.34	<0.21	<0.34	NA	<1	<1	<0.25	<0.22	[3]	<0.34	<1.7	NA	<3.4	<7.0
Trichloroethene	0.5	5	<1	[3]	<0.25	<0.20	<0.25	NA	<1	<1	<0.25	**0.63**	[3]	<0.29>	<1.6	NA	<2.5	<7.0
Vinyl Chloride	0.02	0.2	<1	[3]	<0.11	<0.15	<0.11	NA	<1	<1	<0.11	<0.11	[3]	<0.11	<1.2	NA	<1.1	<7.0
Other Parameters:																		
Chloride (mg/L)	125	250	NA	NA	NA	380	NA	NA	NA	NA	NA	NA	NA	NA	370	NA	390	NA
Nitrate (mg/L)	2	10	NA	[3]	NA	5.4	NA	NA	NA	NA	NA	NA	[3]	NA	6.2	NA	8.1	NA
Sulfate (mg/L)	125	250	NA	[3]	NA	31	NA	NA	NA	NA	NA	NA	[3]	NA	34	NA	39	NA
Dissolved iron (mg/L)	0.15	0.3	NA	[3]	NA	<0.1	<0.1	NA	NA	NA	NA	NA	[3]	NA	<0.1	NA	NA	NA
Conductivity (µS)	--	--	NA	[3]	810	NA	NA	NA	NA	NA	NA	NA	[3]	770	NA	NA	NA	NA
Temperature (degrees C)	--	--	NA	15.0	11.9	NA	NA	NA	NA	NA	NA	NA	14.9	11.7	NA	NA	NA	NA
Dissolved oxygen (mg/L)	--	--	NA	1.26	2.18	NA	NA	NA	NA	NA	NA	NA	1.73	3.13	NA	NA	NA	NA
Dissolved Methane gas (µg/L)	--	--	NA	NA	NA	NA	NA	NA	NA	NA	AN	NA	NA	NA	NA	NA	NA	NA
Dissolved Ethane gas (µg/L)	--	--	NA	NA	NA	1.6	NA	NA	NA	NA	NA	NA	NA	NA	1.6	NA	<0.5	NA
Dissolved Ethene gas (µg/L)	--	--	NA	NA	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	NA	<0.5	NA
GRO (water) (mg/L)	--	--	NA	NA	NA	<0.015	NA	NA	NA	NA	NA	NA	NA	NA	<0.015	NA	NA	NA

<0.35>: Estimated concentration reported between level of quantitation and the level of detection.
µg/L: micrograms per liter
[1] VOC scan by EPA Method 8260B; only compounds detected are listed.
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Table 2
Historical Groundwater Sample Results
Tradition Cleaners Site (Former Judge's Cleaners)
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	MW-8					Post		MW-9			Post		MW-10			Post	
			Oct-99	Feb-02	Dec-02	Jun-03	Nov-04 [4]	Apr-05	Aug-05	Dec-02	Jun-03	Nov-04	Mar-05	Aug-05	Dec-02	Jun-03	Nov-04	Apr-05	Aug-05
Volatile organic compounds (µg/L) [1]:																			
Chloromethane	0.3	3	<0.25	<0.24	<0.25	<0.24	<0.14	<0.24	<0.24	<0.25	<0.24	<1.4	<1.9	<1.2	0.36	<0.24	<0.14	<0.24	<0.24
cis-1,2-Dichloroethene	7	70	<0.25	<1	<0.25	<0.40	<0.15	<0.40	<0.40	1.3	<0.59>	<1.5	<3.2	<2.1	<0.25	<0.40	<0.15	<0.40	<0.40
trans-1,2-Dichloroethene	20	100	<0.25	<0.23	<0.25	<0.35	<0.17	<0.35	<0.35	<0.25	<0.35	<1.7	<2.8	<1.7	<0.25	<0.35	<0.17	<0.35	<0.35
p-Isopropyltoluene	--	--	<0.25	<0.2	<0.25	<0.30	<0.18	<0.34	<0.30	0.65	<0.85>	<1.8	<2.4	<1.5	<0.25	<0.30	<0.18	<0.34	<0.30
Methylene chloride [2]	0.5	5	<0.25	<0.35	0.42	<0.43	<0.18	<0.43	<0.43	0.30	<0.43	<1.8	<3.4	<2.1	0.35	<0.43	<0.18	<0.43	<0.43
Naphthalene	8	40	<0.10	<0.68	<0.10	<0.39	<0.24	<0.39	<0.39	0.38	<0.39	<2.4	<3.1	<2.0	<0.25	<0.39	<0.24	<0.39	<0.39
Tetrachloroethene	0.5	5	**7.9**	**8.9**	**13**	**20**	**6.2**	**5.4**	**13**	**33**	**230**	**90**	**92**	**53**	**1.6**	**1.9**	**3.4**	**2.1**	**1.4**
Toluene	200	1,000	<0.25	<0.22	<0.25	<0.34	<0.21	<0.34	<0.34	<0.25	<0.34	<2.1	<2.7	<1.7	<0.25	<0.34	<0.21	<0.34	<0.34
Trichloroethene	0.5	5	<0.25	<0.36	<0.25	<0.25	<0.20	<0.25	<0.25	**68**	**62**	**25**	**44**	**56**	<0.25	<0.25	<0.20	<0.25	<0.25
Vinyl Chloride	0.02	0.2	<0.11	<0.11	<0.11	<0.11	<0.15	<0.11	<0.11	<0.11	<0.11	<1.5	<0.85	<0.53	<0.11	<0.11	<0.15	<0.11	<0.11
Other Parameters:																			
Chloride (mg/L)	125	250	NA	NA	NA	NA	330	410	480	NA	NA	310	NA	300	NA	NA	390	370	260
Nitrate (mg/L)	2	10	NA	NA	4.8	NA	4.3	4.5	5.1	1.6	NA	1.3	1.5	1.4	4.2	NA	3.8	4.8	5
Sulfate (mg/L)	125	250	NA	NA	34	NA	26	29	33	36	NA	30	28	29	31	NA	31	29	37
Dissolved iron (mg/L)	0.15	0.3	NA	NA	<0.042	NA	<0.1	<0.1	<0.1	0.14	NA	2	2	0.4	<0.042	NA	0.5	1	NA
Conductivity (µS)	--	--	NA	NA	1,140	990	885	155	160	1,140	1,020	839	120	120	940	870	776	154	150
Temperature (degrees C)	--	--	NA	NA	16.2	12.6	12.6	10.7	12.2	14.5	11.9	13.4	10.3	12.2	14.7	12	12.9	11.4	12.8
Dissolved oxygen (mg/L)	--	--	NA	NA	0.32	0.51	1.22	1.33	<0.01	0.76	0.52	0.72	0.42	<0.01	2.90	2.98	7.67	5.2	<0.01
Dissolved Methane gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	NA	NA	NA	NA	<1.3>	NA	NA	NA	NA	<0.5	NA
Dissolved Ethane gas (µg/L)	--	--	NA	NA	NA	NA	<1.1>	<0.5	<0.5	NA	NA	<0.55>	<0.50	<0.5	NA	NA	<0.5	<0.5	<0.5
Dissolved Ethene gas (µg/L)	--	--	NA	NA	NA	NA	<0.5	<0.54>	<0.5	NA	NA	<0.5	<0.50	<0.5	NA	NA	<0.5	<0.75>	<0.5
GRO (water) (mg/L)	--	--	NA	NA	NA	NA	<0.015	NA	NA	NA	NA	0.13		NA	NA	NA	<0.015	NA	NA

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µg/L: micrograms per liter
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[2] Laboratory contaminant.
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Table 2
Historical Groundwater Sample Results
Tradition Cleaners Site (Former Judge's Cleaners)
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	MW-11 Post				MW-12 Post				P-1				Post	
			Jun-03	Nov-04	Apr-05	Aug-05	Jun-03	Nov-04	Mar-05	Aug-05	Apr-93	Dec-02	Jun-03	Nov-04	Apr-05	Aug-05
Volatile organic compounds (µg/L)[1]:																
Chloromethane	0.3	3	<0.24	<0.14	<0.59	<0.59	<0.24	<0.28	<0.24	<0.24	<1	<0.25	<0.24	<0.14	<0.24	<0.24
cis-1,2-Dichloroethene	7	70	3	4.2	<3.1>	8	<0.40	<0.29	<0.40	<0.40	<1	<0.25	<0.40	<0.15	<0.40	<0.40
trans-1,2-Dichloroethene	20	100	<0.35	<0.17	<0.87	<0.87	<0.35	<0.34	<0.35	<0.35	<1	<0.25	<0.35	<0.17	<0.35	<0.35
p-Isopropyltoluene	--	--	<0.30	<0.18	<0.76	<0.76	<0.30	<0.36	<0.30	<0.30	<1	<0.25	<0.30	<0.18	<0.30	<0.30
Methylene chloride[2]	0.5	5	<0.43	<0.18	<1.1	<1.1	<0.43	<0.35	<0.43	<0.43	<5	0.40	<0.43	<0.18	<0.43	<0.43
Naphthalene	8	40	<0.39	<0.24	<0.98	<0.98	<0.39	<0.48	<0.39	<0.39	<1	<0.25	<0.39	<0.24	<0.39	<0.39
Tetrachloroethene	0.5	5	**8.3**	**17**	**22**	**11**	**17**	**15**	**8.6**	**10**	<1	**4.4**	<0.35>	<0.20	<0.47>	<0.31
Toluene	200	1,000	<0.34	<0.21	<0.84	<0.84	<0.34	<0.42	<0.34	<0.34	<1	<0.25	<0.34	<0.21	<0.34	<0.34
Trichloroethene	0.5	5	**3.4**	**11**	**8**	**12**	<0.25	<0.40	<0.25	<0.25	<1	<0.25	<0.25	<0.20	<0.25	<0.25
Vinyl Chloride	0.02	0.2	**2.2**	**2.4**	**1.7**	**3.5**	<0.11	<0.31	<0.11	<0.11	<1	<0.11	<0.11	<0.15	<0.11	<0.11
Other Parameters:																
Chloride (mg/L)	125	250	NA	160	630	320	NA	530	NA	540	NA	NA	NA	44	46	430
Nitrate (mg/L)	2	10	NA	<0.05	0.17	0.086	NA	3.5	3.7	3.2	NA	<0.50	NA	<0.1	<0.034>	<0.025
Sulfate (mg/L)	125	250	NA	34	35	26	NA	30	30	43	NA	15	NA	11	12	33
Dissolved iron (mg/L)	0.15	0.3	NA	>10	>10	>10	NA	<0.1	<0.1	0.5	NA	**2.6**	NA	3	1	3
Conductivity (µS)	--	--	1,140	1,117	450	130	1,160	1,438	200	210	NA	340	290	264	920	400
Temperature (degrees C)	--	--	10.8	13.2	5.2	16.9	11.3	12.8	6.9	17	NA	15.0	12	12.4	12.6	12.3
Dissolved oxygen (mg/L)	--	--	0.41	0.48	<0.01	<0.01	2.34	1.31	0.09	<0.01	NA	0.68	0.82	0.16	6.78	<0.01
Dissolved Methane gas (µg/L)	--	--	NA	NA	510	NA	NA	NA	<0.50	NA	NA	NA	NA	NA	5.9	NA
Dissolved Ethane gas (µg/L)	--	--	NA	<0.5	<25	<0.5	NA	<0.5	<0.50	<0.5	NA	NA	NA	<0.5	<0.5	<0.5
Dissolved Ethene gas (µg/L)	--	--	NA	<0.5	<28>	<0.5	NA	<0.5	<0.50	<0.5	NA	NA	NA	<0.5	<0.54>	<.5
GRO (water) (mg/L)	--	--	NA	<0.015	NA	NA	NA	<0.015		NA	NA	NA	NA	<0.015	NA	NA

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Shaded cell = ES exceedence. Bold = PAL exceedence
-- = no standard.
NA = Not analyzed. LV = low volume.
PAL: WAC chapter NR 140 Preventative action limit.
ES: WAC chapter NR 140 Enforcement Standard.

Table 2
Historical Groundwater Sample Results
Tradition Cleaners Site (Former Judge's Cleaners)
Wisconsin Rapids, Wisconsin

PARAMETER	PAL	ES	P-2								P-3					
			Jul-93	Oct-99	Feb-02	Dec-02	Jun-03	Nov-04	Mar-05	Aug-05	Jul-93	Dec-02	Jun-03	Nov-04	Apr-05	Aug-05
Volatile organic compounds (µg/L)[1]:																*LV*
Chloromethane	0.3	3	<1	<0.25	<0.24	<0.25	<0.24	<0.14	<0.24	<0.24	<1	<0.25	<0.24	<0.14	<0.24	<0.24
cis-1,2-Dichloroethene	7	70	<1	<0.25	<1	<0.25	<0.40	<0.15	<0.40	<0.40	<1	<0.25	<0.44>	<0.31>	<0.40	<0.40
trans-1,2-Dichloroethene	20	100	<1	<0.25	<0.23	<0.25	<0.35	<0.17	<0.35	<0.35	<1	0.35	<0.47>	<0.36>	<0.35	<0.35
p-Isopropyltoluene	--	--	<1	<0.25	<0.2	<0.25	<0.30	<0.18	<0.30	<0.30	<1	<0.25	<0.30	<0.18	<0.30	<0.30
Methylene chloride[2]	0.5	5	<5	<0.25	<0.35	**0.55**	<0.43	<0.18	<0.43	<0.43	<5	**0.51**	<0.43	<0.18	<0.43	<0.43
Naphthalene	8	40	<1	<0.10	<0.68	<0.25	<0.39	<0.24	<0.39	<0.39	<1	<0.25	<0.39	<0.24	<0.39	<0.39
Tetrachloroethene	0.5	5	<1	<0.25	**1.2**	**0.59**	<0.36>	<0.20	<0.31	<0.31	**33**	**33**	**13**	**23**	**13**	**11**
Toluene	200	1,000	<1	<0.25	<0.22	<0.25	<0.34	<0.21	<0.34	<0.34	**93**	<0.25	<0.34	<0.21	<0.34	<0.34
Trichloroethene	0.5	5	<1	<0.25	<0.36	<0.25	<0.25	<0.20	<0.25	<0.25	<1	**3.1**	**2.8**	**3.4**	**1.6**	**1.4**
Vinyl Chloride	0.02	0.2	<1	<0.11	<0.11	<0.11	<0.11	<0.15	<0.11	<0.11	<0.11	<0.11	<0.11	<0.15	<0.11	<0.11
Other Parameters:																
Chloride (mg/L)	125	250	NA	NA	NA	NA	NA	79	NA	77	NA	NA	NA	92	93	65
Nitrate (mg/L)	2	10	NA	NA	NA	<0.50	NA	<0.1	<0.054>	<0,026>	NA	<0.50	NA	0.19	0.29	0.18
Sulfate (mg/L)	125	250	NA	NA	NA	26	NA	18	17	18	NA	20	NA	13	14	13
Dissolved iron (mg/L)	0.15	0.3	NA	NA	NA	**4.2**	NA	5	4	<0.1	NA	<0.042	NA	<0.1	0.2	NA
Conductivity (µS)	--	--	NA	NA	NA	500	380	349	510	490	NA	590	330	328	562	NA
Temperature (degrees C)	--	--	NA	NA	NA	14.3	12.4	12.1	12.7	12.7	NA	13.7	12.7	12.1	12.3	NA
Dissolved oxygen (mg/L)	--	--	NA	NA	NA	4.08	0.79	0.94	4.39	<0.01	NA	3.00	2.61	2.72	5.85	NA
Dissolved Methane gas (µg/L)	--	--	NA	NA	NA	NA	NA	NA	4.7	NA	NA	NA	NA	NA	<0.5	NA
Dissolved Ethane gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	<0.50	<0.5	NA	NA	NA	<0.5	<0.5	<0.5
Dissolved Ethene gas (µg/L)	--	--	NA	NA	NA	NA	NA	<0.5	<0.50	<0.5	NA	NA	NA	<0.5	<0.54>	<0.5
GRO (water) (mg/L)	--	--	NA	NA	NA	NA	NA	<0.015	NA	NA	NA	NA	NA	<0.015	NA	NA

<0.35>: Estimated concentration reported between level of quantitation and the level of detection.
µg/L: micrograms per liter
[1] VOC scan by EPA Method 8260B; only compounds detected are listed.
[2] Laboratory contaminant.
[3] Insufficient water in well for sample collection.
[4] Well abandoned after Dec '93 sampling event.
Shaded cell = ES exceedence. Bold = PAL exceedence
-- = no standard.
NA = Not analyzed. LV = low volume.
PAL: WAC chapter NR 140 Preventative action limit.
ES: WAC chapter NR 140 Enforcement Standard.

TABLE 1
GRAB GROUNDWATER SAMPLE RESULTS
GEOPROBE INVESTIGATION
HANGERS CLEANERS, INC.
WISCONSIN RAPIDS, WISCONSIN
APRIL 2003

PARAMETER	PAL	ES	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	GP-10
Volatile organic compounds (µg/L) [1] *:*												
cis-1,2-Dichloroethene	7	70	<0.22	2.4	<0.22	<0.22	<0.22	<0.48>	<0.22	***13***	<0.22	<0.22
chloroform	0.6	6	<0.30	***<0.81>***	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Isopropyl Ether	--	--	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	*<0.61>*	<0.35	<0.35	<0.35
Tetrachloroethene	0.5	5	<0.31	***10***	<0.31	***15***	***22***	***33***	***67.0***	***44***	*<0.31*	<0.35>
Trichloroethene	0.5	5	<0.35>	2.9	<0.25	<0.25	<0.25	***<0.61>***	***<0.65>***	***39***	<0.25	<0.25
Vinyl Chloride	0.02	0.2	<0.11	***<0.28>***	<0.11	<0.11	<0.11	<0.11	<0.11	***0.88***	<0.11	<0.11

<0.35>: Estimated concentration reported between level of quantitation and the level of detection.

ug/L: micrograms per liter

[1] VOC scan by EPA Method 8260B; only compounds detected are listed.

Shaded cell - ES exceedance. Bold value - PAL Exceedence

PAL: WAC Ch. NR 140 Preventative Action Limit

ES: WAC Ch NR 140 Enforcement Standard

TABLE 1
HISTORICAL GROUNDWATER ELEVATIONS
FORMER JUDGE'S CLEANERS SITE
540 EAST GRAND AVENUE
WISCONSIN RAPIDS, WISCONSIN

DATE	WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-12	P-1	P-2	P-3
	TOC	1028.20	1027.59	1027.76	1028.03	1028.87	1028.32	1027.94	1027.82	1028.57	1006.52	1010.14	1028.00	1028.29	1028.12
4/1/93	DTW	17.30	16.84	17.32	17.57								17.57		
	ELEV.	1010.90	1010.75	1010.44	1010.46								1010.43		
4/13/93	DTW	17.17	16.80	17.84	17.48								17.48		
	ELEV.	1011.03	1010.79	1009.92	1010.55								1010.52		
6/3/93	DTW	16.15	15.80	16.25	16.50	17.74	16.25						17.67	24.24	16.78
	ELEV.	1012.05	1011.79	1011.51	1011.53	1011.13	1012.07						1010.33	1004.05	1011.34
7/8/93	DTW	15.77	15.42	15.86	16.16	16.43	15.88						17.26	17.04	15.67
	ELEV.	1012.43	1012.17	1011.90	1011.87	1012.44	1012.44						1010.74	1011.25	1012.45
10/13/99	DTW	17.29	16.92	17.73	17.61		17.41	18.02						19.50	
	ELEV.	1010.91	1010.67	1010.03	1010.42		1010.91	1009.92						1008.79	
2/7/02	DTW	17.72	17.32	17.77	18.03		17.82	18.40						18.55	
	ELEV.	1010.48	1010.27	1009.99	1010.00		1010.50	1009.54						1009.74	
12/5/02	DTW	17.45	17.08	17.52	17.75	18.07	17.55	18.15	18.19	18.33			18.46	18.43	17.94
	ELEV.	1010.75	1010.51	1010.24	1010.28	1010.80	1010.77	1009.79	1009.63	1010.24			1009.54	1009.86	1010.18
6/17/03	DTW	17.36	16.98	17.42	17.68	17.99	17.46	18.08	18.11	18.25	5.01	6.91	19.07	19.13	18.51
	ELEV.	1010.84	1010.61	1010.34	1010.35	1010.88	1010.86	1009.86	1009.71	1010.32	1001.51	1003.23	1008.93	1009.16	1009.61
11/22/04	DTW	17.44	17.06	17.52	17.77	18.07	17.54	18.16	18.20	18.33	5.52	6.93	18.50	18.34	17.95
	ELEV.	1010.76	1010.53	1010.24	1010.26	1010.80	1010.78	1009.78	1009.62	1010.24	1001.00	1003.21	1009.50	1009.95	1010.17
4/21/05	DTW	17.46	17.08	17.52	17.77	18.09	17.57	18.15	18.19	18.34	5.37	6.95	18.62	18.62	18.24
	ELEV.	1010.74	1010.51	1010.24	1010.26	1010.78	1010.75	1009.79	1009.63	1010.23	1001.15	1003.19	1009.38	1009.67	1009.88
8/26/05	DTW	17.66	17.30	17.74	17.98	18.30	17.79	18.36	18.35	18.50	5.50	6.95	19.10	19.14	18.70
	ELEV.	1010.54	1010.29	1010.02	1010.05	1010.57	1010.53	1009.58	1009.47	1010.07	1001.02	1003.19	1008.90	1009.15	1009.42

Blank cells indicate no data available

TOC: Top of casing (feet, above mean sea level).

DTW: Depth to water (feet).

ELEV: Groundwater elevation (feet, msl).

URS

December 17, 2007

Mr. Marlo Carlson
231 Lincoln Street
Wisconsin Rapids, Wisconsin 54494-4854

Subject: **Notification of Groundwater Contamination**
Judge's Dry Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin
WDNR BRRTS No. 02-72-000412

Dear Mr. Carlson:

URS Corporation (URS) is issuing this letter on behalf of Mr. Tom Judge of Judge's Dry Cleaners. The purpose of this letter is to provide you with notification of groundwater contamination that is likely present under your property.

Groundwater contamination that appears to have originated on the property located at 540 East Grand Avenue, Wisconsin Rapids, Wisconsin, has migrated onto your property at 231 Lincoln Street, Wisconsin Rapids, Wisconsin. The levels of tetrachloroethene contamination in the groundwater on your property are above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. However, our investigation of this contamination suggests this groundwater contaminant plume is stable or receding and will naturally degrade over time. We believe that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726, Wisconsin Administrative Code, and we will request the Department of Natural Resources to accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

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

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

URS Corporation
6737 West Washington Street, Suite 2265
Milwaukee, Wisconsin 53214
Tel: 414.831.4100
Fax: 414.831.4101
www.urscorp.com

Mr. Tom Hvizdak
Wisconsin Department of Natural Resources
473 Griffith Avenue
Wisconsin Rapids, Wisconsin 54494

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds chapter NR 140 groundwater enforcement standards will be listed on the Department of Natural Resources' geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 enforcement standards was found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' internet web site. Please review the legal description of your property, and notify me within the next 30 days if the legal description is incorrect:

> Lot 44 of East Side Assessor's Plat No. 30, City of Wisconsin Rapids, Wood County, Wisconsin, and the Southerly 5 feet of Lot 43 of East Side Assessor's Plat no. 30, City of Wisconsin Rapids, Wood County, Wisconsin. (Tax Parcel #34-07897).

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

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

If you need more information, you may contact me at 414/831-4113 or you may call Mr. Hvizdak at 715/421-7850 or in write to him at the address above.

Sincerely,

URS CORPORATION

Kurt McClung, PG, PE
Senior Geologist

c: Mr. Tom Judge, Judge's Inc.

URS

December 17, 2007

Mr. Ron McCabe, Director
McMillan Memorial Library
490 East Grand Avenue
Wisconsin Rapids, Wisconsin 54494

Mr. Shane Blaser, City Clerk
City of Wisconsin Rapids
444 West Grand Avenue
Wisconsin Rapids, Wisconsin 54495

Subject: **Notification of Groundwater Contamination**
Judge's Dry Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin
WDNR BRRTS No. 02-72-000412

Dear Mr. McCabe and Mr. Blaser:

URS Corporation (URS) is issuing this letter on behalf of Mr. Tom Judge of Judge's Dry Cleaners. The purpose of this letter is to provide you with notification of groundwater contamination that is likely present under the McMillan Memorial Library property.

Groundwater contamination that appears to have originated at 540 East Grand Avenue, Wisconsin Rapids, Wisconsin, has migrated to 490 East Grand Avenue, Wisconsin Rapids, Wisconsin. The levels of cis-1,2-dichloroethene, tetrachloroethene, trichloroethene, and vinyl chloride contamination in the groundwater at this property are above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. However, our investigation of this contamination suggests this groundwater contaminant plume is stable or receding and will naturally degrade over time. We believe that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726, Wisconsin Administrative Code, and we will request the Department of Natural Resources to accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

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

The Department of Natural Resources will not review our closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the Department to provide any technical information you may have that indicates that closure should not be

URS Corporation
6737 West Washington Street, Suite 2265
Milwaukee, Wisconsin 53214
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granted for this site. If you would like to submit any information to the Department of Natural Resources that is relevant to this closure request, you should mail that information to:

Mr. Tom Hvizdak
Wisconsin Department of Natural Resources
473 Griffith Avenue
Wisconsin Rapids, Wisconsin 54494

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds chapter NR 140 groundwater enforcement standards will be listed on the Department of Natural Resources' geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 enforcement standards was found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' internet web site.

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

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

If you need more information, you may contact me at 414/831-4113 or you may call Mr. Hvizdak at 715/421-7850 or in write to him at the address above.

Sincerely,

URS CORPORATION

Kurt McClung, PG, PE
Senior Geologist

c: Mr. Tom Judge, Judge's Inc.

URS

December 17, 2007

Mr. David Laspa, City Engineer
Mr. Shane Blaser, City Clerk
City of Wisconsin Rapids
444 West Grand Avenue
Wisconsin Rapids, Wisconsin 54494

Subject: **Notification of Groundwater Contamination in City Right-of-Way (ROW)**
Judge's Dry Cleaners
540 East Grand Avenue
Wisconsin Rapids, Wisconsin
WDNR BRRTS No. 02-72-000412

Dear Mr. Laspa and Mr. Blaser:

URS Corporation (URS) is issuing this letter on behalf of Mr. Tom Judge of Judge's Dry Cleaners. The purpose of this letter is to provide you with notification of groundwater contamination that is likely present in the City ROW.

Groundwater contamination that appears to have originated at 540 East Grand Avenue, Wisconsin Rapids, Wisconsin, has migrated to the East Grand Avenue ROW near the intersection with Sixth Avenue. Groundwater impacts have migrated westward from the source property partially in the East Grand Avenue ROW to near Garfield Street.

Additionally, contaminated groundwater would likely be encountered beneath Lincoln Street between Peach Street and Grand Avenue, and possibly in the Garfield Street ROW between Birch Street and East Grand Avenue. Figure 1 illustrates the estimated extent of groundwater contamination. Table 1 contains a summary of groundwater sampling results collected to date.

According to our investigation, groundwater is encountered at depths of less than 20 feet below ground surface. In the event an excavation in the ROW encounters groundwater and de-watering of the excavation is necessary, the recovered water will need to be characterized and properly disposed of.

The levels of cis-1,2-dichloroethene, tetrachloroethene, trichloroethene, and vinyl chloride contamination in the groundwater at some areas in the ROW are above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. However, our investigation of this contamination suggests this groundwater contaminant plume is stable or receding and will naturally degrade over time.

URS Corporation
6737 West Washington Street, Suite 2265
Milwaukee, Wisconsin 53214
Tel: 414.831.4100
Fax: 414.831.4101
www.urscorp.com

If you have any questions or if you need more information, you may contact me at 414/831-4113 or you may call Mr. Hvizdak at the Wisconsin Department of Natural Resources at 715/421-7850.

Sincerely,

URS CORPORATION

Kurt McClung, PG, PE
Senior Geologist

c: Mr. Tom Judge, Judge's Inc.