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 12/18)

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
Strautmanis	Sig		GenCap Platteville 71, LLC

Mailing Address	City	State	ZIP Code
6938 N. Santa Monica Blvd.	Fox Point	WI	53217

Phone # (include area code)	Fax # (include area code)	Email
(414) 228-3502		sig@generalcapitalgroup.com

The requester listed above: (select all that apply)

- [x] 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
Meer	Stephen	R	The Sigma Group, Inc.

Mailing Address	City	State	ZIP Code
1300 W. Canal St.	Milwaukee	WI	53233

Phone # (include area code)	Fax # (include area code)	Email
(414) 643-4124		smeer@thesigmagroup.com

Section 2. Property Information

Property Name	FID No. (if known)
Former Pioneer Ford	

BRRTS No. (if known)	Parcel Identification Number
02-22-576632, 02-22-553286	[redacted] 271-00299-000

Street Address	City	State	ZIP Code
[redacted] 75 S. Oak Street	Platteville	WI	

County	Municipality where the Property is located	Property is composed of:	Property Size Acres
Grant	(●) City ( ) Town ( ) Village of	(⊗) Single tax parcel ( ) Multiple tax parcels	1.46

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: _____

Reason:

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.

Section 4. Request for Liability Clarification

Select the type of liability clarification requested. Use the available space given or attach information, explanations, or specific questions that you need answered in DNR's reply. Complete Sections 6 and 7 of this form. **[Numbers in brackets are for DNR Use]**

☐ "Lender" liability exemption clarification - s. 292.21, Wis. Stats. [686]

❖ **Include a fee of $700.**

Provide the following documentation:

(1) ownership status of the real Property, and/or the personal Property and fixtures;

(2) an environmental assessment, in accordance with s. 292.21, Wis. Stats.;

(3) the date the environmental assessment was conducted by the lender;

(4) the date of the Property acquisition; for foreclosure actions, include a copy of the signed and dated court order confirming the sheriff's sale.

(5) documentation showing how the Property was acquired and the steps followed under the appropriate state statutes.

(6) a copy of the Property deed with the correct legal description; and,

(7) the Lender Liability Exemption Environmental Assessment Tracking Form (Form 4400-196).

(8) If no sampling was done, please provide reasoning as to why it was **not** conducted. Include this either in the accompanying environmental assessment or as an attachment to this form, and cite language in s. 292. 21(1)(c)2.,h.-i., Wis. Stats.:

h. The collection and analysis of representative samples of soil or other materials in the ground that are suspected of being contaminated based on observations made during a visual inspection of the real Property or based on aerial photographs, or other information available to the lender, including stained or discolored soil or other materials in the ground and including soil or materials in the ground in areas with dead or distressed vegetation. The collection and analysis shall identify contaminants in the soil or other materials in the ground and shall quantify concentrations.

i. The collection and analysis of representative samples of unknown wastes or potentially hazardous substances found on the real Property and the determination of concentrations of hazardous waste and hazardous substances found in tanks, drums or other containers or in piles or lagoons on the real Property.

☐ "Representative" liability exemption clarification (e.g. trustees, receivers, etc.) - s. 292.21, Wis. Stats. [686]

❖ **Include a fee of $700.**

Provide the following documentation:

(1) ownership status of the Property;

(2) the date of Property acquisition by the representative;

(3) the means by which the Property was acquired;

(4) documentation that the representative has no beneficial interest in any entity that owns, possesses, or controls the Property;

(5) documentation that the representative has not caused any discharge of a hazardous substance on the Property; and

(6) a copy of the Property deed with the correct legal description.

☐ Clarification of local governmental unit (LGU) liability exemption at sites with: (select all that apply)

☐ hazardous substances spills - s. 292.11(9)(e), Wis. Stats. [649];

☐ Perceived environmental contamination - [649];

☐ hazardous waste - s. 292.24 (2), Wis. Stats. [649]; and/or

☐ solid waste - s. 292.23 (2), Wis. Stats. [649].

❖ **Include a fee of $700, a summary of the environmental liability clarification being requested, and the following:**

(1) clear supporting documentation showing the acquisition method used, and the steps followed under the appropriate state statute(s).

(2) current and proposed ownership status of the Property;

(3) date and means by which the Property was acquired by the LGU, where applicable;

(4) a map and the ¼, ¼ section location of the Property;

(5) summary of current uses of the Property;

(6) intended or potential use(s) of the Property;

(7) descriptions of other investigations that have taken place on the Property; and

(8) (for solid waste clarifications) a summary of the license history of the facility.

Section 4. Request for Liability Clarification (cont.)

☐ Lease liability clarification - s. 292.55, Wis. Stats. [646]

- ❖ **Include a fee of $700 for a single Property, or $1400 for multiple Properties and the information listed below:**

(1) a copy of the proposed lease;

(2) the name of the current owner of the Property and the person who will lease the Property;

(3) a description of the lease holder's association with any persons who have possession, control, or caused a discharge of a hazardous substance on the Property;

(4) map(s) showing the Property location and any suspected or known sources of contamination detected on the Property;

(5) a description of the intended use of the Property by the lease holder, with reference to the maps to indicate which areas will be used. Explain how the use will not interfere with any future investigation or cleanup at the Property; and

(6) all reports or investigations (e.g. Phase I and Phase II Environmental Assessments and/or Site Investigation Reports conducted under s. NR 716, Wis. Adm. Code) that identify areas of the Property where a discharge has occurred.

General or other environmental liability clarification - s. 292.55, Wis. Stats. [682] - Explain your request below.

- ❖ **Include a fee of $700 and an adequate summary of relevant environmental work to date.**

☐ No Action Required (NAR) - NR 716.05, [682]

- ❖ **Include a fee of $700.**

Use where an environmental discharge has or has not occurred, and applicant wants a DNR determination that no further assessment or clean-up work is required. Usually this is requested after a Phase I and Phase II environmental assessment has been conducted; the assessment reports should be submitted with this form. This is not a closure letter.

☐ Clarify the liability associated with a "closed" Property - s. 292.55, Wis. Stats. [682]

- ❖ **Include a fee of $700.**

- Include a copy of any closure documents if a state agency other than DNR approved the closure.

Use this space or attach additional sheets to provide necessary information, explanations or specific questions to be answered by the DNR.

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.

☐ 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.

☐ 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.

Send both a paper copy of the signed form and all reports and supporting materials, and an electronic copy of the form and all reports, including Environmental Site Assessment Reports, and supporting materials on a compact disk.

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: _____

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: Sig Strautmanis

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.

Signature

11/15/2019

Date Signed

Senior Engineer

Title

(414)643-4124

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		

THE SIGMA GROUP
Single Source. Sound Solutions.

November 15, 2019 Sigma Reference #16571

Ms. Janet DiMaggio
Hydrogeologist
Wisconsin Dept. of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711
Janet.Dimaggio@wisconsin.gov

Subject: **Remedial Soil Excavation, Soil Management Summary, Soil Vapor Management System Testing, and Proposed Groundwater Monitoring Plan**
Former Pioneer Ford
50 & 70 South Water Street, 45 &75 S. Oak Street, Platteville, Wisconsin
DNR BRRTS# 02-22-576632 & 02-22-553286

Dear Ms. DiMaggio:

On behalf of GenCap Platteville 71, LLC (GCP 71), The Sigma Group, Inc. (Sigma) has prepared this letter report to document remedial soil excavation and soil management activities completed at the above-referenced property (the "Site") as part of Site redevelopment. In addition, this letter report also provides documentation of the soil vapor management system installation as well as initial post-construction sub-slab vapor sampling results. Finally, a proposed location for a replacement groundwater monitoring well and proposed monitoring plan is provided for review and approval.

The remediation and redevelopment activities were completed in accordance with the following documents previously submitted to or received from WDNR:

- *Materials Management Plan* prepared by Ayres and Associates (Ayres) in February 2018[1];
- *Remedial Action Design Report Soil, Vapor, and Groundwater Remediation* by Ayres in February 2018[2];
- *Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request* by Ayres dated February 19, 2018[3];

[1] *Materials Management Plan, Former Pioneer Ford Properties, 50 & 70 S. Water Street, 45 & 75 S. Oak Street, and 85 S. 2nd Street, Platteville, Wisconsin* by Ayres (dated February 21, 2018).

[2] *Remedial Action Design Report Soil, Vapor, and Groundwater Remediation, Former Pioneer Ford Properties, 50 & 70 S. Water Street, 45 & 75 S. Oak Street and 85 S. 2nd Street, Platteville, Wisconsin* by Ayres (dated February 2018).

[3] *Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request, WDNR Form 4400-237* by Ayres (dated February 19, 2018).

- Additional electronic correspondence providing clarification on the February 2018 submittals provided by Ayres dated March 6, 2018[4];

- *Response to Technical Assistance Request, Remedial Action Design Report (Including Vapor Mitigation Plan), Materials Management Plan, and Post Closure Modification for the Pioneer Ford Properties* by WDNR dated March 23, 2018; and

- Additional electronic correspondence documenting conference call provided by Ayres dated April 10, 2018[5].

The individual components of remediation and redevelopment are summarized below.

REMEDIAL SOIL EXCAVATION ACTIVITIES AND RESULTS

The targeted remedial soil excavation area was determined based on subsurface investigation activities completed at the Former Speedy Loan property (50 S. Water Street, BRRTS #02-22-553286) prior to case closure approval in 2012. Previously collected soil quality information for the Site is presented in **Table 1**. A Site Plan Map provided by Ayres depicting the approximate property boundaries and areas of residual impact, based on previously collected data, is included as **Figure 1**.

Based on data collected prior to case closure for the Former Speedy Loan property, the highest concentrations of VOC constituents tetrachloroethene (PCE) and trichloroethene (TCE) were detected at concentrations greater than WDNR Chapter NR 720 Residual Contaminant Levels (RCLs) for the protection of groundwater (groundwater pathway) within soil samples collected from soil borings SB-1 and SB-2 at depths of approximately 3.5 to 4 feet below ground surface (bgs). Concentrations of PCE and TCE were reported greater than RCLs for the protection of groundwater within other soil samples collected from the Former Speedy Loan property but the area of soil borings SB-1 and SB-2 contained the highest reported concentrations.

As the area of residual impacts would be exposed during Site redevelopment, completion of an additional remedial excavation 20 feet long by 10 feet wide to a depth of 4-5 feet (illustrated on **Figure 2**), located in the northeast corner of the Former Speedy Loan property, was recommended to remove the area of greatest remaining residual VOC impacts.

Additionally, any other material excavated from within the remaining area of the Former Speedy Loan property (illustrated on **Figure 2**) was also required to be disposed of at a licensed landfill, if generated as part of site construction work.

Material Excavation Permitting. Impacted material from the Site was approved for disposal at the Dubuque Metropolitan Area Solid Waste Agency (DMASWA) Landfill in Dubuque,

[4] Electronic correspondence from Ben Peotter at Ayres to Janet DiMaggio at WDNR dated March 6, 2018.

[5] Electronic correspondence from Ben Peotter at Ayres to Janet DiMaggio at WDNR dated April 10, 2018 and reply from Janet DiMaggio at WDNR dated April 11, 2018.

Iowa under profile number COP-X001. A copy of the approved soil profile is included in **Attachment A.**

Excavation Marking. Prior to the commencement of excavation activities, the boundaries of the proposed remedial excavation area and required soil management area were marked using GPS survey equipment. The proposed boundaries were surveyed and marked on June 21, 2018.

Material Excavation Activities. On June 27, 2018, Rural Excavating excavated a total of 123.77 tons of material for disposal at DMASWA. Approximately 82.6 tons of material was removed from within the targeted remedial excavation boundaries and the remaining 41.17 tons were removed as part of required grading within the area of the Former Speedy Loan property. Landfill disposal tickets are included as **Attachment B.**

Sigma field personnel performed visual inspection of all material excavated from the Site throughout the course of excavation activities for evidence or signs of obvious contamination. No signs of significant impact were observed within the limits of the completed remedial excavation nor in the remaining area of the Former Speedy Loan parcel. Following the completion of excavation related activities, Sigma collected six sidewall and two base confirmation samples from the remedial excavation area and four base samples from the graded section of the Former Speedy Loan property. Locations of confirmation samples are illustrated on **Figure 2.** The confirmation samples were submitted for laboratory analysis of VOCs by EPA Method 8260. The soil laboratory report and chain of custody are included as **Attachment C.**

Confirmation Sample Results. Review of laboratory analytical results indicates PCE was reported at concentrations greater than the groundwater pathway residual contaminant level (RCL) within all six of the sidewall samples (SW-1 through SW-6) and within one of the base samples (RB-1) collected from the remedial excavation limits and within one of the base samples (BB-3) collected from the graded section of the Former Speedy Load property outside the limits of the remedial excavation. TCE was reported at an estimated concentration greater than the groundwater pathway RCL within one of the sidewall samples (SW-2) collected from the remedial excavation area. The laboratory analytical data is summarized on **Figure 2** and in **Table 2.**

Review of the confirmation soil sample results indicates that residual CVOC impacts remain primarily along the east and west sidewalls of the completed remedial excavation; however the reported PCE concentrations within the confirmation samples are approximately an order of magnitude lower (0.76 mg/kg to 1.9 mg/kg) when compared with pre-remedial PCE concentrations within the excavated material (7.3 mg/kg to 10 mg/kg, based on 2009-2010 soil results). Therefore, the completed remedial excavation activities, though limited in extent, have removed the highest remaining PCE concentrations within unsaturated site soils. The residual soil impacts within this portion of the Site were subsequently capped with paved surfaces as part of Site redevelopment, as discussed below.

ON-SITE SOIL MANAGEMENT

With the exception of the excavation activities described above, remaining soil excavated as part of Site redevelopment was managed on-site in accordance with the *Materials Management Plan* approved by WDNR.

Specifically, existing site soils were re-used on-site in general accordance with the cut/fill plan included as **Attachment D.** The cut/fill plan included an estimated cut volume of approximately 3,100 cubic yards and an estimated fill of 4,225 cubic yards for a net fill of approximately 1,100 cubic yards. Material from the western/northwestern portion of the Site was graded and placed within the central/eastern portion of the Site to meet new Site grades as part of the proposed redevelopment. In addition, material excavated as part of foundation/utility construction was also re-used within the central/eastern portion of the Site to meet new site grades.

Sigma personnel were on-site during earthworks activity to observe and document conditions encountered during excavation associated with construction. General grading work associated with construction was initiated in June 2018 and site restoration/landscaping was completed in September 2019. Site photographs illustrating various phases of soil management during construction are include as **Attachment E.**

Based on Sigma's observations during on-site soil management, existing material encountered during site earthworks was generally consistent with expectations based on site investigation soil borings. No areas of previously unknown contamination were encountered during construction. The existing subsurface material consisted of brown silty sand or brown silty clay.

Following grading/excavation, the on-site material was capped with new paved surfaces (minimum 4-inch thick building floor slab, minimum 5-inch thick concrete sidewalk, or minimum 3.5-inch thick new asphalt pavement) or imported clean soil (18 inches) (silty clay/topsoil) in landscaped areas. Photographs of the various finished caps are included as **Attachment F.**

VAPOR INTRUSION MITIGATION SYSTEM INSTALLATION AND PERFORMANCE VERIFICATION TESTING

During construction of the new Site building, a passive vapor intrusion mitigation system was installed in general accordance with the design submitted in Ayres' February 2018 *Remedial Action Design Report*. Per comments in the WDNR's letter dated March 23, 2018, two additional 4-inch riser pipes (for a total of four) were added to the system plan to effectively ventilate the sub-slab space. A copy of the plans illustrating the mitigation system components is included as **Attachment G.**

As part of the system installation, four test points were installed at select locations within the building footprint to allow collection of post-construction sub-slab vapor samples. Locations of test points are illustrated on the plans included in **Attachment G.** Sigma verified the installation of the test points during the construction process; however, as part

of building finish installation, two of the four test points (VP-1 and VP-4, located in stairwell areas) have been covered with carpet.

Within approximately 1 month of activation of building HVAC equipment, on September 16, 2019, Sigma sealed the passive vent system exhaust locations so that post-construction sub-slab samples could be collected when the passive vent system has not been allowed to vent. On September 20, 2019, following purging with a photo-ionization detector (PID) for a minimum of 10 minutes or until readings were stable, sub-slab vapor samples were collected from test points VP-2 and VP-3 and submitted for laboratory analysis of select chlorinated VOCs (CVOCs) by EPA Method TO-15.

Laboratory analytical results of the sub-slab vapor samples are summarized in **Table 3**; the laboratory analytical report is included in **Attachment H.** Based on laboratory analytical results, no CVOCs were reported at concentrations greater than applicable Vapor Risk Screening Levels (VRSLs). Based on the initial round of post-construction sampling results, the vapor mitigation system exhaust will remain sealed and an additional round of sub-slab samples collected during the upcoming heating season. If results of the second sampling event indicate no CVOC concentrations exceed applicable VRSLs, the seals will be removed from the system exhaust pipes and the system will be operated passively although the vent system operation would not be considered a continuing obligation at the time of case closure.

POST-CONSTRUCTION GROUNDWATER MONITORING

Prior to initiation of construction activities associated with redevelopment, existing groundwater monitoring wells MW-1, MW-2 and MW-3 were abandoned in accordance with ch. NR 140, Wisconsin Admin. Code on May 11, 2018. Copies of monitoring well abandonment forms are included in **Attachment I.**

Ayres had collected a final round of groundwater samples from monitoring wells MW-1, MW-2 and MW-3 in March 2018. **Tables 4** and **5** summarize static water level measurements and groundwater analytical data collected by Ayres.

WDNR has requested installation of a replacement groundwater monitoring well within the courtyard area of the new building as close to possible to the locations of MW-2 and MW-3. A map showing the proposed location for a replacement groundwater monitoring well is included as **Figure 3.** The proposed location has been selected to be as close as possible to the former locations of MW-2 and MW-3 while avoiding underground utilities recently installed during Site redevelopment.

Following installation, the replacement groundwater monitoring well will be developed in accordance with ch. NR 140. Groundwater samples will be collected from the replacement well and submitted for laboratory analysis of VOCs, dissolved arsenic, dissolved cadmium and dissolved lead (compounds reported at concentrations greater than NR 140 Preventive Action Limits during the March 2018 sampling event). A minimum of 2 quarterly sampling events will be completed; groundwater analytical data will be evaluated following receipt of

laboratory analytical results of the second sampling event to determine whether collection of additional groundwater samples is warranted.

CONCLUSIONS AND RECOMMENDATIONS

The completed remedial excavation activities have resulted in the removal of a total of 123.77 tons of soil containing CVOC impacts. Remaining Site soil was managed on-site in accordance with the WDNR approved *Material Management Plan*. Based on the first round of post-construction sub-slab vapor sampling, residual soil and groundwater impacts do not pose a significant vapor risk to the new Site building. The project has been constructed in general compliance with the Conditions of Approval listed in the WDNR's letter dated March 23, 2018.

Sigma, on behalf of GCP 71, requests WDNR approval for the proposed replacement groundwater monitoring well location. Following WDNR approval, well installation will be scheduled and post-construction groundwater monitoring initiated. Please contact us at (414) 643-4200 with any questions about this submittal or the project in general.

Sincerely,

THE SIGMA GROUP, INC.

Stephen Meer, P.E.
Senior Engineer

STEPHEN R MEER E-39390 MILWAUKEE WI PROFESSIONAL ENGINEER

Stamp & Date

Adam J. Roder

Adam J. Roder, P.E., P.G.
Senior Engineer

WISCONSIN ADAM J. RODER 1369-13 NEW BERLIN, WI PROFESSIONAL GEOLOGIST

11/15/19
Stamp & Date

Joshua J. Neudorfer
Senior Consultant

Randy E. Boness, P.G.
Geoscience Group Leader

Attachments:

Figure 1 – Pre-Remediation Soil Quality Map
Figure 2 – Post-Remediation Soil Quality Map
Figure 3 – Proposed Replacement Well Location
Table 1 – Soil Analytical Results Table – Site Investigation
Table 2 –Soil Analytical Results Table – Confirmation Samples
Table 3 – Sub-Slab Vapor Analytical Data
Table 4 – Groundwater Elevation Data
Table 5 –Groundwater Laboratory Analytical Table
Attachment A: Soil Profile

Attachment B: Landfill Disposal Documentation
Attachment C: Soil Laboratory Analytical Report
Attachment D: Cut/Fill Plan Map
Attachment E: Soil Management Site Photos
Attachment F: Engineered Barrier Photos
Attachment G: Vapor Mitigation System Plans
Attachment H: Vapor Laboratory Analytical Report
Attachment I: Monitoring Well Abandonment Forms

FIGURES

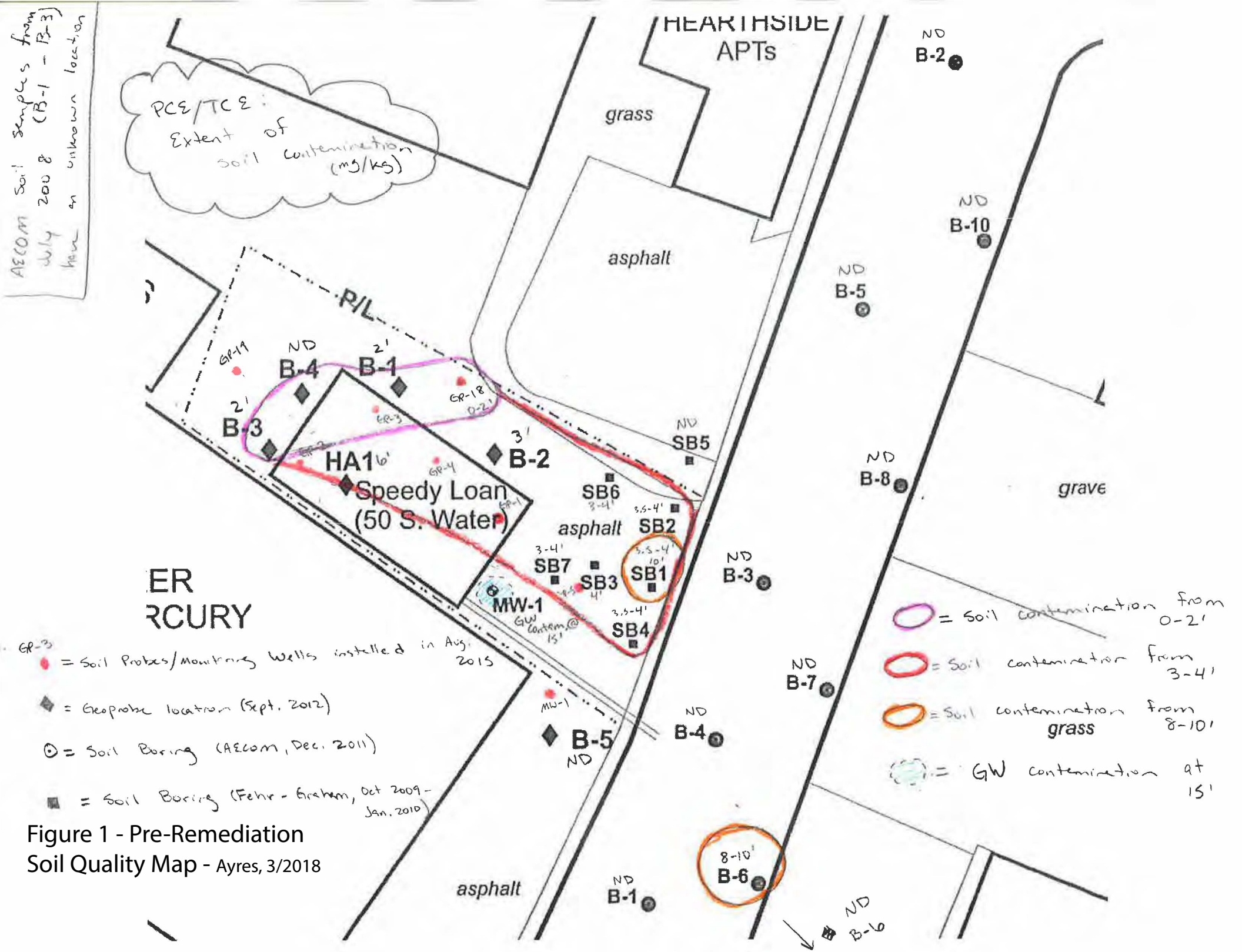
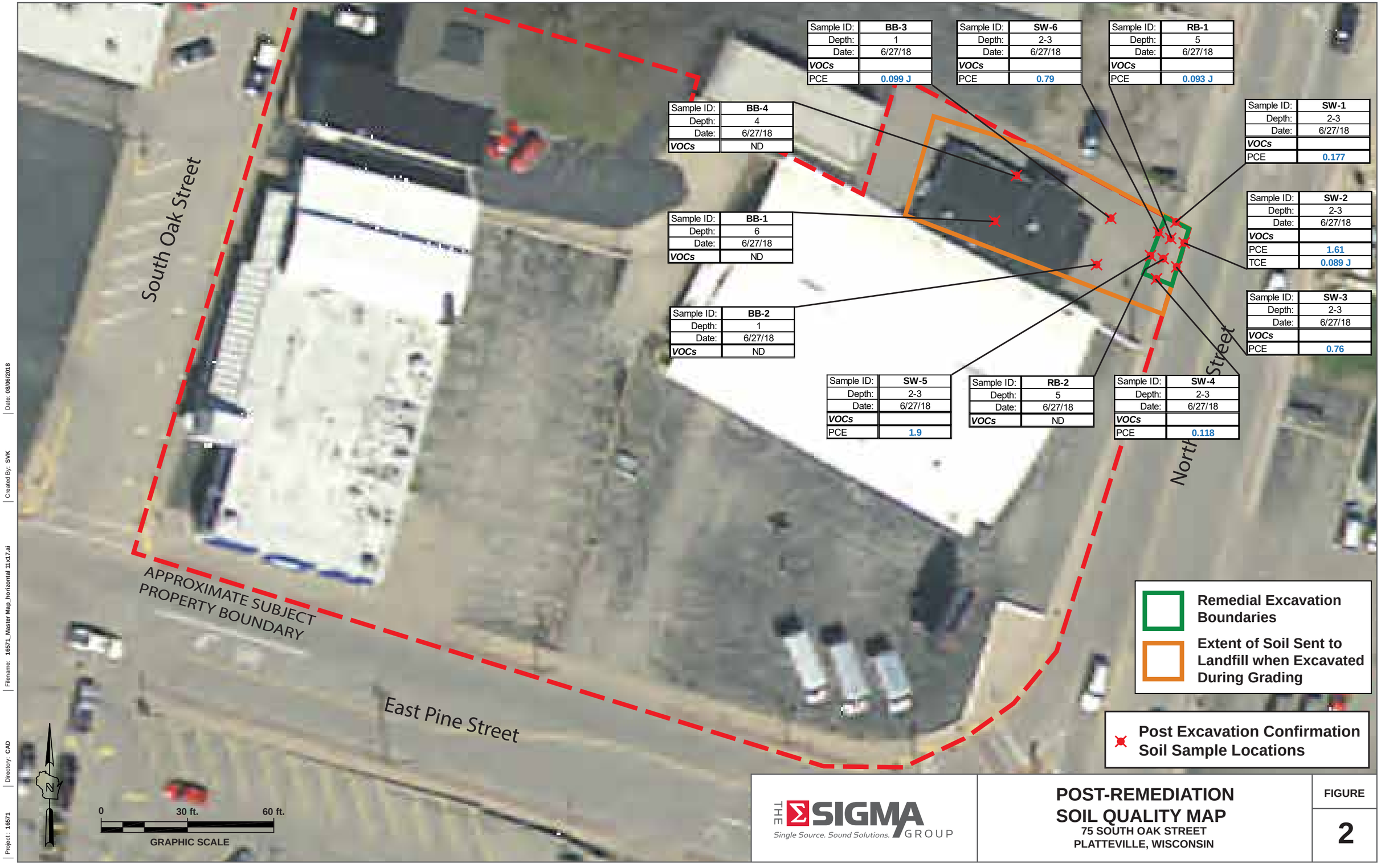


Figure 1 - Pre-Remediation Soil Quality Map - Ayres, 3/2018



Sample ID:	BB-3
Depth:	1
Date:	6/27/18
VOCs	
PCE	0.099 J

Sample ID:	SW-6
Depth:	2-3
Date:	6/27/18
VOCs	
PCE	0.79

Sample ID:	RB-1
Depth:	5
Date:	6/27/18
VOCs	
PCE	0.093 J

Sample ID:	BB-4
Depth:	4
Date:	6/27/18
VOCs	ND

Sample ID:	SW-1
Depth:	2-3
Date:	6/27/18
VOCs	
PCE	0.177

Sample ID:	BB-1
Depth:	6
Date:	6/27/18
VOCs	ND

Sample ID:	SW-2
Depth:	2-3
Date:	6/27/18
VOCs	
PCE	1.61
TCE	0.089 J

Sample ID:	BB-2
Depth:	1
Date:	6/27/18
VOCs	ND

Sample ID:	SW-3
Depth:	2-3
Date:	6/27/18
VOCs	
PCE	0.76

Sample ID:	SW-5
Depth:	2-3
Date:	6/27/18
VOCs	
PCE	1.9

Sample ID:	RB-2
Depth:	5
Date:	6/27/18
VOCs	ND

Sample ID:	SW-4
Depth:	2-3
Date:	6/27/18
VOCs	
PCE	0.118

Remedial Excavation Boundaries

Extent of Soil Sent to Landfill when Excavated During Grading

Post Excavation Confirmation Soil Sample Locations

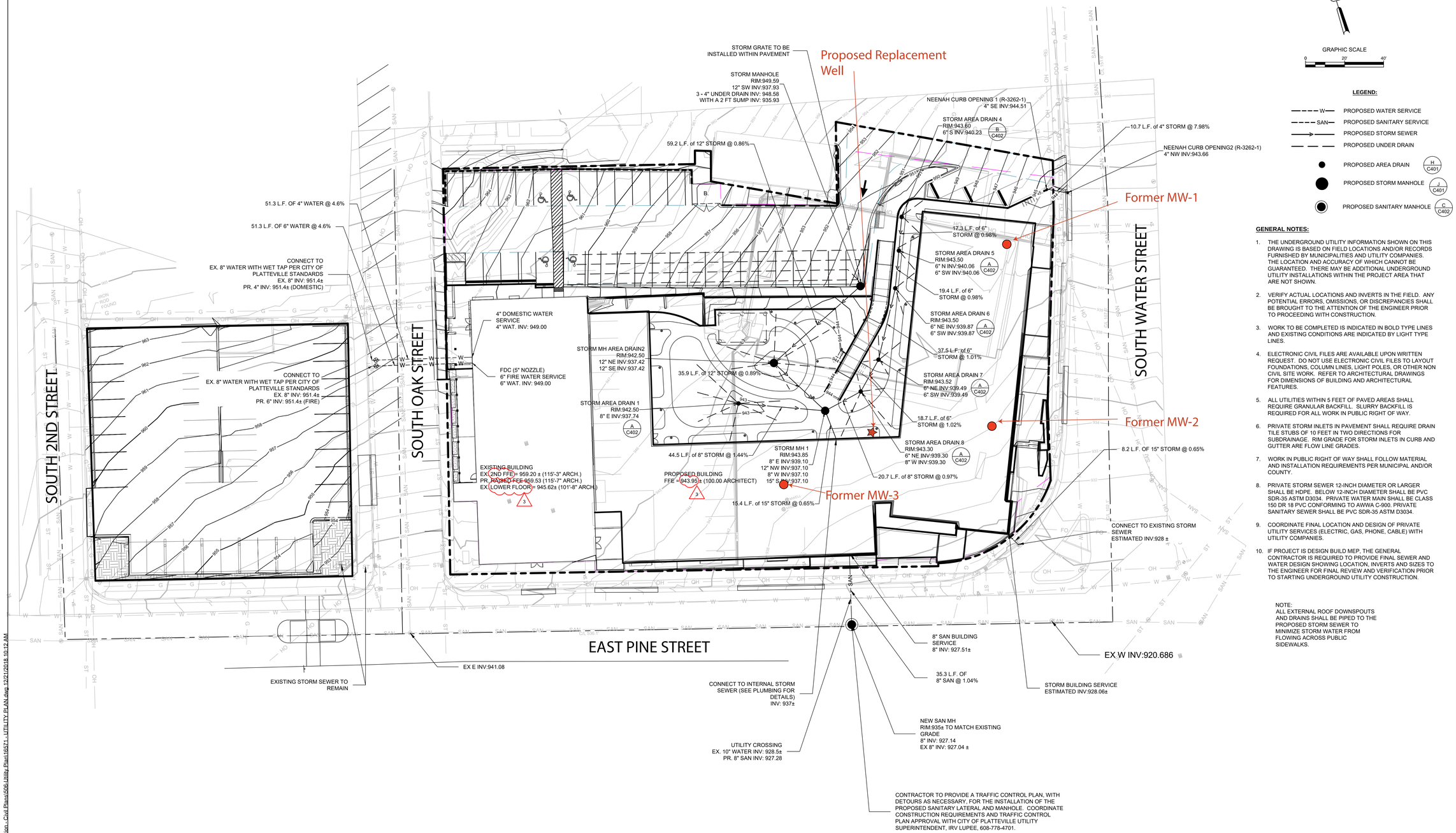
THE SIGMA GROUP
Single Source. Sound Solutions.

POST-REMEDIATION SOIL QUALITY MAP

75 SOUTH OAK STREET
PLATTEVILLE, WISCONSIN

FIGURE
2

Date: 08/06/2018 | Created By: SVK | Filename: 16571_Master Map_horizontal 11x17.ai | Directory: CAD | Project: 16571



GRAPHIC SCALE

0 20' 40'

LEGEND:

- W — PROPOSED WATER SERVICE
- SAN — PROPOSED SANITARY SERVICE
- PROPOSED STORM SEWER
- PROPOSED UNDER DRAIN
- PROPOSED AREA DRAIN (H C401)
- PROPOSED STORM MANHOLE (J C401)
- PROPOSED SANITARY MANHOLE (C C402)

GENERAL NOTES:

1. THE UNDERGROUND UTILITY INFORMATION SHOWN ON THIS DRAWING IS BASED ON FIELD LOCATIONS AND/OR RECORDS FURNISHED BY MUNICIPALITIES AND UTILITY COMPANIES. THE LOCATION AND ACCURACY OF WHICH CANNOT BE GUARANTEED. THERE MAY BE ADDITIONAL UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
2. VERIFY ACTUAL LOCATIONS AND INVERTS IN THE FIELD. ANY POTENTIAL ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. WORK TO BE COMPLETED IS INDICATED IN BOLD TYPE LINES AND EXISTING CONDITIONS ARE INDICATED BY LIGHT TYPE LINES.
4. ELECTRONIC CIVIL FILES ARE AVAILABLE UPON WRITTEN REQUEST. DO NOT USE ELECTRONIC CIVIL FILES TO LAYOUT FOUNDATIONS, COLUMN LINES, LIGHT POLES, OR OTHER NON CIVIL SITE WORK. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF BUILDING AND ARCHITECTURAL FEATURES.
5. ALL UTILITIES WITHIN 5 FEET OF PAVED AREAS SHALL REQUIRE GRANULAR BACKFILL. SLURRY BACKFILL IS REQUIRED FOR ALL WORK IN PUBLIC RIGHT OF WAY.
6. PRIVATE STORM INLETS IN PAVEMENT SHALL REQUIRE DRAIN TILE STUBS OF 10 FEET IN TWO DIRECTIONS FOR SUBDRAINAGE. RIM GRADE FOR STORM INLETS IN CURB AND GUTTER ARE FLOW LINE GRADES.
7. WORK IN PUBLIC RIGHT OF WAY SHALL FOLLOW MATERIAL AND INSTALLATION REQUIREMENTS PER MUNICIPAL AND/OR COUNTY.
8. PRIVATE STORM SEWER 12-INCH DIAMETER OR LARGER SHALL BE HDPE. BELOW 12-INCH DIAMETER SHALL BE PVC SDR-35 ASTM D3034. PRIVATE WATER MAIN SHALL BE CLASS 150 DR 18 PVC CONFORMING TO AWWA C-900. PRIVATE SANITARY SEWER SHALL BE PVC SDR-35 ASTM D3034.
9. COORDINATE FINAL LOCATION AND DESIGN OF PRIVATE UTILITY SERVICES (ELECTRIC, GAS, PHONE, CABLE) WITH UTILITY COMPANIES.
10. IF PROJECT IS DESIGN BUILD MEP, THE GENERAL CONTRACTOR IS REQUIRED TO PROVIDE FINAL SEWER AND WATER DESIGN SHOWING LOCATION, INVERTS AND SIZES TO THE ENGINEER FOR FINAL REVIEW AND VERIFICATION PRIOR TO STARTING UNDERGROUND UTILITY CONSTRUCTION.

NOTE:
ALL EXTERNAL ROOF DOWNSPOUTS AND DRAINS SHALL BE PIPED TO THE PROPOSED STORM SEWER TO MINIMIZE STORM WATER FROM FLOWING ACROSS PUBLIC SIDEWALKS.

TO OBTAIN LOCATIONS OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

WIS STATUTE 182.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

MILW. AREA 259-1181

THE UNDERGROUND UTILITY INFORMATION SHOWN ON THIS MAP IS BASED ON FIELD MARKINGS AND INFORMATION FURNISHED BY UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED.

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PIONEER SQUARE
75 SOUTH OAK STREET
PLATTEVILLE, WISCONSIN

Proposed Replacement Well Location Map

NO.	REVISION	DATE	BY
3.	CB#1	6/01/2018	TPM
2.	ADDENDUM #1	04/24/2018	TPM
1.	CD SUBMITTAL	01/25/2018	TPM

DRAWING NO.	16571 - UTILITY PLAN
DRAWN BY:	TPM
DATE:	10/20/2017
PROJECT NO:	16571
CHECKED BY:	CTC
APPROVED BY:	---
SHEET NO.:	

Figure 3

File: I:\General Capital\16571 - Platteville\060 CAD\C - Civil\500 Production - Civil Plans\506-Utility Plan\16571 - UTILITY PLAN.dwg 12/21/2018 10:12 AM

TABLES

Table 1
Soil Analytical Results Table: Site Investigation
75 S. Oak Street, Platteville, Wisconsin
Sigma Project No. 16571

Soil Sample Location:		B-1	B-2	B-3	SB-1			SB-2		SB-3		Groundwater Pathway RCL [4]	Non-Industrial Direct Contact RCL [5]	Industrial Direct Contact RCL [6]	Background Threshold Value [7]
Sample Depth (feet bgs):		11-12	11-12	11-12	3.5-4	10	16-18	3.5-4	9.5-10	4	10				
Sample Collection Date:		July 2008	July 2008	July 2008	Oct. 2009			Oct. 2009		Oct. 2009					
Consultant:		AECOM	AECOM	AECOM	Fehr-Graham			Fehr-Graham		Fehr-Graham					
VOCs															
Tetrachloroethene (PCE)	mg/kg	<0.028	<0.028	**3.91**	**7.3**	**0.11**	<0.670	**10**	<0.050	**0.24**	<0.067	0.0045	33	145	NS
Trichloroethene (TCE)	mg/kg	<0.029	<0.029	**0.0737**	**0.064**	<0.015	<0.170	**0.11**	<0.013	<0.013	<0.017	0.0036	1.3	8.41	NS

Soil Sample Location:		SB-4		SB-5			SB-6		SB-7		Groundwater Pathway RCL [4]	Non-Industrial Direct Contact RCL [5]	Industrial Direct Contact RCL [6]	Background Threshold Value [7]
Sample Depth (feet bgs):		3.5-4	12	3-4	17-18	18-19	3-4	9-10	3-4	10-11				
Sample Collection Date:		Oct. 2009		Oct. 2009			Oct. 2009		Oct. 2009					
Consultant:		Fehr-Graham		Fehr-Graham			Fehr-Graham		Fehr-Graham					
VOCs														
Tetrachloroethene (PCE)	mg/kg	**0.098**	<0.065	<0.065	<0.065	<1.40	**0.21**	<0.062	**0.91**	<0.065	0.0045	33	145	NS
Trichloroethene (TCE)	mg/kg	<0.013	<0.016	<0.016	<0.016	<0.350	<0.013	<0.017	<0.013	<0.016	0.0036	1.3	8.41	NS

Notes:
1. Unsaturated/smear zone versus satured soil conditions based on: (1) measured water levels in adjacent/nearby monitoring wells, or (2) soil moisture conditions recorded on soil boring logs during drilling.
2. Analytical units: mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
3. NA = not analyzed
4. Groundwater Pathway RCL = Residual Contaminant Level for protection of groundwater (dilution factor of 2) as presented on the WDNR's RCL Spreadsheet (dated June 2018) referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated June 2014
5. Non-Industrial Direct Contact RCL = Residual Contaminant Level for protection of direct contact at a non-industrial property as presented on the WDNR's RCL Spreadsheet (dated June 2018) with default input parameters as referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated June 2014
6. Industrial Direct Contact RCL = Residual Contaminant Level for protection of direct contact at an industrial property as presented on the WDNR's RCL Spreadsheet (dated June 2018) with default input parameters as referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated June 2014
7. Background Threshold Value = Non-outlier trace element maximum levels in Wisconsin surface soils from USGS report "Distribution and Variation of Arsenic in Wisconsin Surface Soils, With Data on Other Trace Elements" (revised February 201
8. NS = no standard established
9. Laboratory flags: "J" = Analyte detected between Limit of Detection and Limit of Quantitation = Analyte Detected
10. Exceedances: **BOLD** = Concentration exceeds Groundwater Pathway RCL
[ ] = Concentration exceeds Non-Industrial Direct Contact RCL (any depth)
{ } = Concentration exceeds Industrial Direct Contact RCL (any depth)

Table 2
Soil Analytical Results Table: Confirmation Samples
75 S. Oak Street, Platteville, Wisconsin
Sigma Project No. 16571

Soil Sample Location:		SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	RB-1	RB-2	BB-1	BB-2	BB-3	BB-4	Groundwater Pathway RCL [4]	Non-Industrial Direct Contact RCL [5]	Industrial Direct Contact RCL [6]	Background Threshold Value [7]
Sample Depth (feet bgs):		2-3	2-3	2-3	2-3	2-3	2-3	5	5	6	1	1	4				
Sample Collection Date:		6/27/18	6/27/18	6/27/18	6/27/18	6/27/18	6/27/18	6/27/18	6/27/18	6/27/18	6/27/18	6/27/18	6/27/18				
Depth to Groundwater (feet bgs):		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
Unsaturated/Smear Zone (U) or Saturated (S):		U	U	U	U	U	U	U	U	U	U	U	U				
Photoionization Detector	ppm	0	0	0	0	2	0	0	0	0	0.8	1.2	1.4	NS	NS	NS	NS
VOCs																	
Benzene	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.0051	1.6	7.07	NS
Bromobenzene	mg/kg	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS	342	679	NS
Bromodichloromethane	mg/kg	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	<0.074	0.0003	0.418	1.83	NS
Bromoform	mg/kg	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	0.0023	25.4	113	NS
tert-Butylbenzene	mg/kg	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	<0.026	NS	183	183	NS
sec-Butylbenzene	mg/kg	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	NS	145	145	NS
n-Butylbenzene	mg/kg	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	NS	108	108	NS
Carbon tetrachloride	mg/kg	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	0.0039	0.916	4.03	NS
Chlorobenzene	mg/kg	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	NS	370	761	NS
Chloroethane	mg/kg	<0.091	<0.091	<0.091	<0.091	<0.091	<0.091	<0.091	<0.091	<0.091	<0.091	<0.091	<0.091	0.2266	NS	NS	NS
Chloroform	mg/kg	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	0.0033	0.454	1.98	NS
Chloromethane	mg/kg	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	0.0155	159	669	NS
2-Chlorotoluene (,o-)	mg/kg	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	NS	907	907	NS
4-Chlorotoluene (,p-)	mg/kg	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	NS	253	253	NS
1,2-Dibromo-3-chloropropane	mg/kg	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	<0.058	0.0002	0.008	0.092	NS
Dibromochloromethane	mg/kg	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.032	8.28	38.9	NS
1,4-Dichlorobenzene	mg/kg	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	0.144	3.74	16.4	NS
1,3-Dichlorobenzene	mg/kg	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	1.1528	297	297	NS
1,2-Dichlorobenzene	mg/kg	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	1.168	376	376	NS
Dichlorodifluoromethane	mg/kg	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	<0.048	3.0863	126	530	NS
1,2-Dichloroethane	mg/kg	<0.038	<0.038	<0.038	<0.038	<0.038	<0.038	<0.038	<0.038	<0.038	<0.038	<0.038	<0.038	0.0028	0.652	2.87	NS
1,1-Dichloroethane	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	0.4834	5.06	22.2	NS
1,1-Dichloroethene	mg/kg	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	0.005	320	1,190	NS
cis-1,2-Dichloroethene	mg/kg	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	0.0412	156	2,340	NS
trans-1,2-Dichloroethene	mg/kg	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	0.0626	1,560	1,850	NS
1,2-Dichloropropane	mg/kg	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	0.0033	3.4	15	NS
1,3-Dichloropropane	mg/kg	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	NS	1,490	1,490	NS
trans-1,3-Dichloropropene	mg/kg	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	<0.022	0.0001	1,510	1,510	NS
cis-1,3-Dichloropropene	mg/kg	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	0.0001	1,210	1,210	NS
Di-isopropyl Ether	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NS	2,260	2,260	NS
EDB (1,2-Dibromoethane)	mg/kg	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	0.0000282	0.05	0.221	NS
Ethylbenzene	mg/kg	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	<0.035	1.57	8.02	35.4	NS
Hexachlorobutadiene	mg/kg	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	<0.085	NS	1.63	7.19	NS
Isopropylbenzene	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034	NS	NS	NS	NS
p-Isopropyltoluene	mg/kg	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	NS	162	162	NS
Methylene chloride	mg/kg	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	0.0026	61.8	1,150	NS
Methyl-tert-butyl-ether	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.027	63.8	282	NS
Naphthalene	mg/kg	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	0.6582	5.52	24.1	NS
n-Propylbenzene	mg/kg	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	NS	264	264	NS
1,1,2,2-Tetrachloroethane	mg/kg	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	0.0002	0.81	3.6	NS
1,1,1,2-Tetrachloroethane	mg/kg	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	<0.028	0.0534	2.78	12.3	NS
Tetrachloroethene (PCE)	mg/kg	**0.177**	**1.61**	**0.76**	**0.118**	**1.9**	**0.79**	**0.093 J**	<0.032	<0.032	<0.032	**0.099 J**	<0.032	0.0045	33	145	NS
Toluene	mg/kg	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	1.1072	818	818	NS
1,2,4-Trichlorobenzene	mg/kg	<0.064	<0.064	<0.064	<0.064	<0.064	<0.064	<0.064	<0.064	<0.064	<0.064	<0.064	<0.064	0.408	24	113	NS
1,2,3-Trichlorobenzene	mg/kg	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	NS	62.6	934	NS
1,1,1-Trichloroethane	mg/kg	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.1402	640	640	NS
1,1,2-Trichloroethane	mg/kg	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	0.0032	1.59	7.01	NS
Trichloroethene (TCE)	mg/kg	<0.041	**0.089 J**	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	0.0036	1.3	8.41	NS
Trichlorofluoromethane	mg/kg	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	<0.041	NS	1,230	1,230	NS
1,2,4-Trimethylbenzene	mg/kg	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.3787	219	219	NS
1,3,5-Trimethylbenzene	mg/kg	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032		182	182	NS
Vinyl Chloride	mg/kg	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	<0.019	0.0001	0.067	2.08	NS
Xylenes (total)	mg/kg	<0.116	<0.116	<0.116	<0.116	<0.116	<0.116	<0.116	<0.116	<0.116	<0.116	<0.116	<0.116	3.96	260	260	NS

Notes:
1. Unsaturated/smear zone versus satured soil conditions based on: (1) measured water levels in adjacent/nearby monitoring wells, or (2) soil moisture conditions recorded on soil boring logs during drilling.
2. Analytical units: mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
3. NA = not analyzed
4. Groundwater Pathway RCL = Residual Contaminant Level for protection of groundwater (dilution factor of 2) as presented on the WDNR's RCL Spreadsheet (dated June 2018) referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated June 2014
5. Non-Industrial Direct Contact RCL = Residual Contaminant Level for protection of direct contact at a non-industrial property as presented on the WDNR's RCL Spreadsheet (dated June 2018) with default input parameters as referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated June 2014
6. Industrial Direct Contact RCL = Residual Contaminant Level for protection of direct contact at an industrial property as presented on the WDNR's RCL Spreadsheet (dated June 2018) with default input parameters as referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated June 2014
7. Background Threshold Value = Non-outlier trace element maximum levels in Wisconsin surface soils from USGS report "Distribution and Variation of Arsenic in Wisconsin Surface Soils, With Data on Other Trace Elements" (revised February 2013).
8. NS = no standard established
9. Laboratory flags: "J" = Analyte detected between Limit of Detection and Limit of Quantitation = Analyte Detected
10. Exceedances: **BOLD** = Concentration exceeds Groundwater Pathway RCL
[ ] = Concentration exceeds Non-Industrial Direct Contact RCL (any depth)
{ } = Concentration exceeds Industrial Direct Contact RCL (any depth)

Table 3
Sub-slab Vapor Analytical Data
Former Pioneer Ford - 75 S. Oak Street, Platteville, Wisconsin
Sigma Project No. 16571

Sample Type:		Subslab Air Samples						Residential Vapor Risk Screening Level [2] (AF=0.03)	Small Commercial Vapor Risk Screening Level [3] (AF = 0.03)	Large Commercial / Industrial Vapor Risk Screening Level [4] (AF = 0.01)
Sample Identification:		VP-2	VP-3							
Date:		9/20/19	9/20/19							
Duration:		30 minutes	30 minutes							
VOCs (Summa canisters by EPA Method TO-15)										
1,1-Dichloroethene	µg/m^3	<0.41	<0.39					7,000	29,000	88,000
cis-1,2-Dichloroethene	µg/m^3	<0.33	<0.32					NS	NS	NS
trans-1,2-Dichloroethene	µg/m^3	117	55.8					NS	NS	NS
Tetrachloroethene (PCE)	µg/m^3	1.9	1.4					1,400	6,000	18,000
Trichloroethene (TCE)	µg/m^3	<0.38	<0.36					70	290	880
Vinyl Chloride	µg/m^3	<0.19	<0.18					57	930	2,800

Notes:

1. Analytical units: µg/m^3 = micrograms per cubic meter

2. Residential Vapor Risk Screening Level = Risk-based concentrations based on VALs for **residential** air which has been adjusted with an **Attenuation Factor of 0.03** for the subslab vapor to ambient air pathway in a **residential** building. VALs for residential indoor air based on WDNR publication RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for residential air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) April 2019] and residential air in November 2017 "WI Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels". VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

3. Small Commercial Vapor Risk Screening Level = Risk-based concentrations based on VALs for **small commercial** air which has been adjusted with an **Attenuation Factor of 0.03** for the subslab vapor to ambient air pathway in a **small commercial** building. VALs for small commercial building indoor air based on WDNR publication PUB-RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for industrial air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) April 2019] and small commercial air in November 2017 "WI Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels". VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

4. Large Commercial / Industrial Vapor Risk Screening Level = Risk-based concentrations based on VALs for **large commercial/industrial** air which has been adjusted with an **Attenuation Factor of 0.01** for the subslab vapor to ambient air pathway in a **large commercial/industrial** building. VALs for large commerical / industrial indoor air based on WDNR publication PUB-RR-800 "Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin" (dated January 2018) which in turn references EPA Region 3 Risk-Based Concentrations for industrial air [Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) April 2019] and large commercial / industrial air in November 2017 "WI Vapor Quick Look-Up Table, Indoor Air Vapor Action Levels And Vapor Risk Screening Levels". VAL adjusted to 1-in-100,000 increase in lifetime cancer risk for carcinogens per WDNR publication RR-800; VAL is not adjusted for non-carcinogens (i.e., hazard index = 1).

Table 4
Pioneer Ford
50 & 70 S. Water St., 45 & 75 S. Oak St., and 85 2nd St., Platteville, WI
Groundwater Elevation Data
August 2015, September 2017, December 2017, and March 2018

WELL ID	TOP OF CASING ELEVATION[1]	8/17/2015		9/28/2017		12/29/2017		3/20/2018	
		DEPTH TO WATER (ft)	GW ELEVATION	DEPTH TO WATER (ft)	GW ELEVATION	DEPTH TO WATER (ft)	GW ELEVATION	DEPTH TO WATER (ft)	GW ELEVATION
MW-1	940.89	10.28	930.61	8.66	932.23	9.70	931.19	9.80	931.09
MW-2	936.73	10.81	925.92	9.18	927.55	9.85	926.88	10.19	926.54
MW-3	937.99 / 937.94[2]	8.31	929.68	5.72	932.22[3]	7.17	930.77[3]	7.45	930.49[3]

Note:
[1] All wells surveyed to USGS datum on 8/17/15. Wells surveyed to top of PVC casing.
* Bench mark is top nut of hydrant located at the corner of Main and Oak Streets (977.38 ft msl)
* MW-3 flush mount observed to have been heaved down on 9/28/17 sampling.
[2] Resurveyed the three wells on March 20, 2018. MW-3 new TOC elevation is 937.94.
[3] GW elevations from September 2017 to recent have been updated according to new MW-3 TOC elevation measurement.
* Bench mark in March 2018 survey was top nut of hydrant located south of the project site along East Pine Street (935.04 ft msl)

Table 5
Former Pioneer Ford
50 & 70 S. Water St., 45 & 75 S. Oak St., and 85 2nd St., Platteville, WI
Groundwater Laboratory Analytical Table
August 2015, September 2017, December 2017 and March 2018

Well Number	MW-1				MW-2				MW-3				Trip Blank				NR 140 Groundwater Standards (µg/L)	
Date	8/17/2015	9/28/2017	12/29/2017	3/20/2018	8/17/2015	9/28/2017	12/29/2017	3/20/2018	8/17/2015	9/28/2017	12/29/2017	3/20/2018	8/17/2015	9/28/2017	12/29/2017	3/20/2018	ES	PAL
RCRA Metals (dissolved)	Analytical Result (µg/L)																	
Dissolved Arsenic	<7.2	<17.2	<8.3	**19.3 J**	<7.2	<17.2	<8.3	**11.3 J**	<7.2	<17.2	<8.3	**16.2 J**	---	---	---	---	10	1
Dissolved Barium	46.4	30.5	42.8	25.7	49.5	47.7	52.9	49.1	213	130	107	80.5	---	---	---	---	2,000	400
Dissolved Cadmium	<0.6	*1.6*	*<1.3*	*<1.3*	**9.3**	**10.8**	**12.2**	**7.3**	<0.6	<1.5	<1.3	<1.3	---	---	---	---	5	0.5
Dissolved Chromium	<2.1	<1.7	<2.5	2.7 J	<2.1	<1.7	<2.5	<2.5	<2.1	<1.7	<2.5	<2.5	---	---	---	---	100	10
Dissolved Lead	*3.7*	<10.0	**16.0**	*14.2*	<3	<10.0	<4.3	<4.3	*7.2*	<10.0	*4.8 J*	*<4.3*	---	---	---	---	15	1.5
Dissolved Mercury	<0.1	<0.21	<0.13	<0.13	<0.1	<0.21	<0.13		<0.1	<0.21	<0.13	<0.13	---	---	---	---	2	0.2
Dissolved Selenium	<6.7	<21.4	<16.6	<16.6	<6.7	<21.4	<16.6		<6.7	<21.4	<16.6	<16.6	---	---	---	---	50	10
Dissolved Silver	<2.7	<0.89	<3.3	<3.3	<2.7	<0.89	<3.3		<2.7	<0.89	<3.3	<3.3	---	---	---	---	50	10
Volatile Organic Compounds	Analytical Result (µg/L)																ES	PAL
2-butanone (MEK)	---	<5.0	---	---	---	<5.0	---	---	---	41.4	---	---	---	<5.0	---	---	4,000	800
Benzene	*1.2*	<1.0	<0.50	<0.50	<0.5	<1.0	<0.50	<0.50	*3.4*	<1.0	<0.50	<0.50	<0.5	<1.0	<0.50	<0.50	5	0.5
Ethylbenzene	0.66	<1.0	<0.50	<0.50	<0.5	<1.0	<0.50	<0.50	5	5.3	2.1	<0.50	<0.5	<1.0	<0.50	<0.50	700	140
Isopropylbenzene	<0.14	<1.0	<0.14	<0.14	<0.14	<1.0	<0.14	<0.14	3	4.2	1.5	<0.14	<0.14	<1.0	<0.14	<0.14	ns	ns
Methyl tert−butyl ether (MtBE)	0.51	<1.0	0.22 J	<0.17	1.8	2.3	2.9	2.4	<0.17	<1.0	<0.17	<0.17	<0.17	<1.0	<0.17	<0.17	60	12
n-Propylbenzene	<0.5	<1.0	<0.50	<0.50	<0.5	<1.0	<0.50	<0.50	2.5	5.3	2.7	<0.50	<0.5	<1.0	<0.50	<0.50	ns	ns
p-Isopropyltoluene	1.2	<1.0	<0.50	<0.50	<0.5	<1.0	<0.50	<0.50	<0.5	<1.0	<0.50	<0.50	<0.5	<1.0	<0.50	<0.50	ns	ns
sec-Butylbenzene	<2.2	<1.0	<0.50	<2.2	<2.2	<1.0	<2.2	<2.2	2.9	5.0	<2.2	<2.2	<2.2	<1.0	<2.2	<2.2	ns	ns
Toluene	2.5	<1.0	<0.50	<0.50	<0.5	<1.0	<0.50	<0.50	<0.5	<1.0	<0.50	<0.50	<0.5	<1.0	<0.50	<0.50	800	160
1,2-Dichloroethane	<0.17	<1.0	<0.17	<0.17	0.3	<1.0	<0.17	<0.17	<0.17	<1.0	<0.17	<0.17	<0.17	<1.0	<0.17	<0.17	5	0.5
Tetrachloroethene (PCE)	<0.5	<1.0	<0.50	<0.50	*0.89*	**7.2**	*2.2*	**11.0**	<0.5	**15.7**	**23.4**	**29.6**	<0.5	<1.0	<0.50	<0.50	5	0.5
Trichloroethene (TCE)	0.33	<0.40	<0.33	<0.33	0.42	*2.3*	*1.1*	**6.5**	*0.97*	**7.5**	**6.3**	**6.9**	<0.33	<0.40	<0.33	<0.33	5	0.5
cis-1,2-Dichloroethene	<0.26	<1.0	<0.26	<0.26	1.3	2.3	1.1	2.7	1.8	*14.4*	*8.3*	5.3	<0.26	<1.0	<0.26	<0.26	70	7
vinyl chloride	<0.18	<0.20	<0.18	<0.18	<0.18	<0.20	<0.18	<0.18	<0.18	**3.7**	**3.1**	<0.18	<0.18	<0.20	<0.18	<0.18	0.2	0.02
n-butlybenzene	<0.50	<1.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	1.9	1.8	<0.50	<0.50	<1.0	<0.50	<0.50	ns	ns
Polycyclic Aromatic Hydrocarbons	Analytical Result (µg/L)																ES	PAL
1-Methylnaphthalene	0.024	---	---	---	<0.0028	---	---	---	0.087	---	---	---	---	---	---	---	ns	ns
2-Methylnaphthalene	0.02	---	---	---	<0.0025	---	---	---	0.0085	---	---	---	---	---	---	---	ns	ns
Acenaphthene	0.076	<0.023	---	---	<0.0045	<0.020	---	---	0.039	0.091	---	---	---	---	---	---	ns	ns
Acenaphthylene	0.056	<0.027	---	---	<0.0045	<0.023	---	---	0.012	<0.024	---	---	---	---	---	---	ns	ns
Anthracene	0.025	<0.032	---	---	<0.0036	<0.028	---	---	<0.0039	<0.028	---	---	---	---	---	---	3,000	600
Benzo(a)anthracene	0.048	<0.032	---	---	<0.0046	<0.027	---	---	<0.005	<0.028	---	---	---	---	---	---	ns	ns
Benzo(a)pyrene	*0.05*	<0.017	---	---	<0.004	<0.015	---	---	<0.0043	<0.015	---	---	---	---	---	---	0.2	0.02
Benzo(b)fluoranthene	*0.063*	<0.019	---	---	<0.0048	<0.017	---	---	<0.0052	<0.017	---	---	---	---	---	---	0.2	0.02
Benzo(g,h,i)perylene	0.038	<0.030	---	---	<0.0032	<0.027	---	---	<0.0034	<0.027	---	---	---	---	---	---	ns	ns
Benzo(k)fluoranthene	0.03	<0.020	---	---	<0.0051	<0.017	---	---	<0.0055	<0.017	---	---	---	---	---	---	ns	ns
Chrysene	*0.063*	<0.023	---	---	<0.0038	<0.020	---	---	<0.0041	<0.021	---	---	---	---	---	---	0.2	0.02
Dibenz(a,h)anthracene	0.0063	<0.043	---	---	<0.005	<0.038	---	---	<0.0054	<0.038	---	---	---	---	---	---	ns	ns
Fluoranthene	0.2	<0.029	---	---	<0.0085	<0.025	---	---	<0.0091	<0.026	---	---	---	---	---	---	400	80
Fluorene	0.1	<0.042	---	---	<0.0036	<0.036	---	---	0.024	0.075	---	---	---	---	---	---	400	80
Indeno(1,2,3-cd)pyrene	0.03	<0.015	---	---	<0.0032	<0.013	---	---	<0.0035	<0.013	---	---	---	---	---	---	ns	ns
Naphthalene	0.13	<0.030	---	---	0.0056	<0.026	---	---	0.16	0.21	---	---	---	---	---	---	100	10
Phenanthrene	0.27	0.049	---	---	<0.0069	<0.031	---	---	0.017	<0.032	---	---	---	---	---	---	ns	ns
Pyrene	0.14	<0.034	---	---	<0.0069	<0.030	---	---	<0.0075	<0.030	---	---	---	---	---	---	250	50

Groundwater standards obtained from NR 140 Groundwater Quality, Table 1: Public Health Groundwater Quality Standards, February 2017

BOLD	Exceeds NR 140 Wisconsin Administrative Code Ground Water Enforcement Standard (ES)
Italics	Exceeds NR 140 Wisconsin Administrative Code Ground Water Preventive Action Limit (PAL)
ns	No NR 140 Wisconsin Administrative Code Ground Water Enforcement Standard (ES) established
---	Not Analyzed
ug/L	Concentration reported as micrograms per liter, equivalent to parts per billion (ppb).
	Table includes summary of VOC detections, see lab data sheets for complete list of analytes.

Prepared by: EG
Checked by: BJP
Approved by: BJP

ATTACHMENT A

SOIL PROFILE

Dubuque Metropolitan Area Solid Waste Agency
Generators Waste Profile and Disposal Request

A. **Waste Generator Facility Information (Must reflect location of waste generation/origin)**

Generator Name: GenCap Platteville 71, LLC

Site Address: 75 S. Oak Street

City: Platteville County: Grant State: WI Zip: 53818

Contact Name: Sig Strautmanis Title: Agent

Phone Number: (414) 228-3502 Email Address: sig@generalcapitalgroup.co

B. **Customer Information** ☑ same as above

Customer Name: _____

Billing Address: _____

City: _____ County: _____ State: _____ Zip: _____

Contact Name: _____ Title: _____

Phone Number: _____ Email Address: _____

C. **Waste Characteristics for (Common Waste Name):** contaminated soil

1. Describe Process Generating the Waste or Source of Contamination:
   Excavation associated with site redevelopment.

2. Physical Constituents (e.g. Soil 0-70%, 0-30% Wood):

	Constituent	%		Constituent	%
1.	Soil	100.00	4.		
2.			5.		
3.			6.		

3. Physical State at 70°F: ☒ Solid ☐ Liquid ☐ Powder ☐ Sludge ☐ Other: _____
4. Odor Present: ☐ Yes ☒ No Describe: _____
5. Typical Color: brown
6. Free Liquid Range (%): 0.00 to 0.00
7. Flash Point: ☐ <140°F ☐ ≥140°F ☒ N/A
8. Safety Requirements (i.e. ppe requirements): NA

D. **Estimated Quantity and Shipping Information**

1. Is this request for an: ☒ Event ☐ Base/Ongoing
2. Estimated Initial Quantity: 150.00 ☒ Cubic Yards ☐ Tons ☐ Gallons ☐ Other: _____
3. Estimated Annual Quantity: 150.00 ☒ Cubic Yards ☐ Tons ☐ Gallons ☐ Other: _____
4. Shipping Frequency: _____ ☒ One Time ☐ Monthly ☐ Quarterly ☐ Yearly
5. Is this a U.S. Department of Transportation Hazardous Material? ☐ Yes ☒ No
6. Transporter Name: _____

E. **Regulatory Status (Please check appropriate responses)**

1. Is this a USEPA (40 CFR Part 261)/State hazardous waste? ☐ Yes ☒ No
2. Is this waste included in one or more of categories below (Check all that apply)? If yes, attach supporting documentation

☐ Delisted Hazardous Waste
☐ Excluded Wastes (40 CFR 261.4)
☐ Treated Hazardous Waste Debris
☐ Treated Characteristic Hazardous Waste

Dubuque Metropolitan Area Solid Waste Agency
Generators Waste Profile and Disposal Request

Regulatory Status Cont. (Please check appropriate responses)

3. Is the waste from a Federal or state mandated clean-up? ☐ Yes ☒ No
4. Does this waste contain radioactive material < 15 µrads? ☐ Yes ☒ No
5. Does this waste contain concentrations of regulated PCBs? ☐ Yes ☒ No
   If yes, is disposal regulated under TSCA? ☐ Yes ☐ No
6. Does the waste contain untreated, regulated, medical or infectious waste? ☐ Yes ☒ No
7. Does the waste contain asbestos? ☐ Yes ☒ No
8. Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? ☐ Yes ☒ No

F. Generator Certification (Please read and certify by signature below)

By signing this Generator's Waste Profile and Disposal Request, I hereby certify that all information submitted in this profile and all attached documents contain true and accurate descriptions of the waste material; Relevant information within the possession of the Generator regarding known or suspected hazards pertaining to this waste has been disclosed to the Agency/the Contractor; Analytical data attached pertaining to the profiled waste was derived from testing a representative sample in accordance with 40 CFR 261.20 or equivalent rules; and Changes that occur in the character of the waste (i.e. changes in the process or new analytical) will be identified by the Generator and disclosed to the Agency (and the Contractor if applicable) prior to providing the waste to the Agency (and the Contractor if applicable).

Check all that apply:

☑ Attached analytical pertains to the waste. Identify laboratory & sample ID #s and parameters tested: GP-18, GP-19 # Pages: _____

☐ Material Safety Data Sheet is attached for a manufactured product. Indicate the number of attached pages: _____

☑ By Generator process knowledge, the following waste is not a listed waste and is below all TCLP regulatory limits.

☐ I am an agent signing on behalf of the Generator, and the delegation of authority to me from the Generator for this signature is available upon request.

Certification Signature: _____ Title: Agent

Name (Print): Stig Strautmeris Company Name: Genlip Plattsville, FL, LLC

Date: May, 14 2018

FOR DMASWA USE ONLY **Profile ID:** CoP-Xcav1 **Expiration Date:** Sept 15, 2018

Approval Decision: ☑ Approved ☐ Not Approved

WW Code: Cont Soil Payment: ☑ Account _____ ☐ Cash TBD

Management Method: ☑ Landfill ☐ Solidification ☐ Composting ☐ Referral

Management Precautions, Special Handling Procedures or Limitations on Approval:

☐ Shall not contain free liquid ☐ Shipment must be scheduled into the facility

☑ Approval number must accompany each shipment ☐ Waste manifest must accompany load

Notes: _____

DMASWA Authorization: _____ Title: _____

Table 2 (continued)
Summay of Soil Sample Laboratory Analytical Results
Pioneer Ford, Platteville
8/10/2015

Boring Number/Depth	Analytical Result (mg/kg)												Soil Standards (1/2015)		
Soil Type	GP-11 4-6	GP-12 0-2	GP-13 4-6	GP-14 8-10	GP-15 6-8'	GP-16 8-10	GP-17 0-2	GP-18 0-2	GP-19 6-8'	MW-1 2-4'	MW-2 4-6'	MW-3 0-2'			
	CL	Fill	CL	CL	CL	CL	Fill	Fill	CL	Fill	Fill	SP ML			
Metals	Analytical Result (mg/Kg)												NR 720 DC RCL[1]		GW RCL[2]
													Non-Industrial	Industrial	
Arsenic	**10.2***	**5.3**	**10***	**14.4***	**9.3***	**15.7***	**9.2***	**9.1***	**9.9***	**8.5***	**16.4***	**6.9**	0.613 (8)	2.39 (8)	0.584
Barium	163	56.2	121	*177*	157	*217*	82.1	25.4	*191*	18.6	*225*	107	15,300	100,000.0	164.8
Cadmium	<0.072	*2.3*	<0.078	0.46	0.075	0.58	*1.1*	*0.9*	<0.078	*2.4*	*8.5*	*0.81*	70	799	0.752
Chromium	29.2	5.8	27.8	**44.6***	30.5	28.1	13.6	9	28	11.8	16.9	34.4	(44)	(44)	3.60E+05
Lead	12	*79.9*	12	**470**	*98.9*	*38.8*	**589**	*53.3*	11.4	*30.1*	**541**	*105*	400	800	27
Mercury	0.032	0.063	0.028	0.078	0.16	0.015	0.012	0.046	0.033	0.045	*0.28*	0.026	3.13	3	0.208
Selenium	<0.84	<0.79	<0.91	<0.87	<0.87	<0.86	<0.72	<0.74	<0.91	<0.77	<0.8	<0.92	391	5,110	0.52
Silver	<0.3	<0.28	<0.33	<0.31	<0.31	<0.31	<0.26	<0.27	<0.33	<0.28	0.41	<0.33	ns	ns	0.85
Volatile Organics	Analytical Result (mg/kg)												NR 720 DC RCL[1]		GW RCL[2]
													Non-Industrial	Industrial	
Naphthalene	<0.04	<0.04	<0.0414	<0.04	<0.04	<0.04	<0.0409	<0.0423	<0.0426	<0.04	0.13	<0.04	5.15	26	0.6582
Tetrachloroethene	<0.025	<0.025	<0.0259	<0.025	<0.025	<0.025	<0.0255	*0.113*	<0.0266	<0.025	<0.025	<0.025	30.7	153	0.0045
PAH	Analytical Result (mg/kg)												NR 720 DC RCL[1]		GW RCL[2]
													Non-Industrial	Industrial	
1-Methylnaphthalene	<0.0103	<0.179	<0.0108	<0.0104	<0.0102	<0.0106	<0.176	<0.0086	<0.0106	<0.175	0.178	<0.0104	15.6	53.1	ns
2-Methylnaphthalene	<0.0103	<0.179	<0.0108	<0.0104	<0.0102	<0.0106	<0.176	<0.0086	<0.0106	<0.175	0.281	<0.0104	229	2,200	ns
Acenaphthene	<0.0103	0.198	<0.0108	<0.0104	<0.0102	<0.0106	0.25	<0.0086	<0.0106	<0.175	0.165	<0.0104	3,440	33,000	ns
Acenaphthylene	<0.0092	<0.16	<0.0096	<0.0093	<0.0092	<0.0094	<0.158	<0.0077	<0.0095	<0.156	0.278	<0.0093	ns	ns	ns
Anthracene	<0.0107	0.328	<0.0112	<0.0108	<0.0106	<0.0109	0.543	0.103	<0.011	<0.181	0.994	<0.0108	17,200	100,000	196.7273
Benzo(a)anthracene	<0.0072	**1.05**	<0.0075	<0.0072	<0.0071	<0.0073	**2.8**	0.0312	<0.0074	0.815	**1.64**	<0.0072	0.148	2.11	ns
Benzo(a)pyrene	<0.0074	**1.25**	<0.0077	<0.0074	<0.0073	<0.0075	**3.35**	***0.0526***	<0.0076	**1.01**	**1.75**	<0.0074	0.015	0.211	0.47
Benzo(b)fluoranthene	<0.0103	**1.39**	<0.0108	<0.0104	<0.0102	<0.0106	**3.48**	0.0663	<0.0106	**1.33**	**1.49**	<0.0104	0.148	2.11	0.4793
Benzo(g,h,i)perylene	<0.0079	0.93	<0.0082	<0.0079	<0.0078	<0.008	2.68	0.0264	<0.0081	0.498	0.647	<0.0079	ns	ns	ns
Benzo(k)fluoranthene	<0.0114	1.18	<0.0119	<0.0115	<0.0113	<0.0117	**3.84**	0.0405	<0.0118	1.07	**2.09**	<0.0115	1.48	21.1	ns
Chrysene	<0.0095	*1.64*	<0.01	<0.0096	<0.0095	<0.0098	*4.54*	0.0643	<0.0098	*1.33*	*1.8*	<0.0096	14.8	211	0.1446
Dibenz(a,h)anthracene	<0.0076	**0.303**	<0.0079	<0.0076	<0.0075	<0.0077	**0.865**	0.008	<0.0078	**0.164**	**0.244**	<0.0076	0.015	0.211	ns
Fluoranthene	<0.0103	0.419	<0.0108	<0.0104	0.0186	<0.0106	**107**	0.0912	<0.0106	3.2	3.17	<0.0104	2,290	22,000	88.8778
Fluorene	<0.0103	0.248	<0.0108	<0.0104	<0.0102	<0.0106	0.329	<0.0086	<0.0106	<0.175	0.3	<0.0104	2,290	22,000	14.8027
Indeno(1,2,3-cd)pyrene	<0.0078	**0.81**	<0.0082	<0.0079	<0.0078	<0.008	**2.35**	0.0178	<0.0081	**0.454**	**0.601**	<0.0079	0.148	2.11	ns
Naphthalene	<0.0103	<0.179	<0.0108	<0.0104	<0.0102	<0.0106	<0.176	<0.0086	<0.0106	<0.175	0.397	<0.0104	5.15	26	0.6582
Phenanthrene	<0.0103	3.69	<0.0108	<0.0104	0.0164	<0.0106	6.51	0.0547	<0.0106	2.01	2.16	<0.0104	ns	ns	ns
Pyrene	<0.0103	3.06	<0.0108	<0.0104	0.0144	<0.0106	8.23	0.123	<0.0106	2.54	2.78	<0.0104	1,720	16,500	54.1322

BOLD	Concentration exceeds NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL) for *industrial* direct contact.
Bold	Concentration exceeds NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL) for *non-industrial* direct contact.
Italics	Concentration exceeds NR 720 Wisconsin Administrative Code Protection of Groundwater *Residual Contaminant Level* (RCL).
*	Concentration exceeds background threshold value
( )	Background threshold values are trace element maximum levels in Wisconsin surface soils from the USGS Report at: *http://pubs.usgs.gov/sir/2011/5202* .
ns	No NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL) established.
–	Not Analyzed
<	Concentration less than laboratory method detection limit.
mg/kg	Concentration reported as milligrams per kilogram, equivalent to parts per million (ppm).

[1]NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL)

[2]NR 720 Wisconsin Administrative Code Residual Contaminant Level (RCL) for protection of groundwater.

[3]Table includes summary of VOC analysis, see lab data sheets for complete list of analytes.

ATTACHMENT B

LANDFILL DISPOSAL DOCUMENTATION

D.M.A.S.W.A
LANDFILL
14501 Hwy 20W
Dubuque, IA 52001-4864

ighed: Ken
LL TO: 1820
GenCap Platteville 71, LLC
6938 N Santa Monica Blvd
Fox Point WI 53217

hicle ID: 25760
ference: 1
GENCAP PLATTEVILLE 71, LLC
75 S. OAK STREET
PLATTEVILLE, WI 53818

igin: WISCONSIN
TE IN: 06/27/2018 TIME IN: 11:55:42
TE OUT: 06/27/2018 TIME OUT: 11:55:42

BOUND TICKET Number: 02-00774578

SCALE 1 GROSS WT.	65400	LB
STORED TARE WT.	29740	LB
NET WEIGHT	35660	LB

ty	Description	Amount
17.83	CONTAMINATED SOIL	1203.53
	Rate: 67.50	
	TICKET AMOUNT:	1203.53

agree to pay the amount listed above
erating Hours:7:30AM-3:30PM Monday-Saturday
nned Materials: Hazardous Waste, Liquid Waste,
dical Waste, Electronics, Appliances & Tires
?) 557-8220
ASWA.org Like us on Facebook

D.M.A.S.W.A
LANDFILL
14501 Hwy 20W
Dubuque, IA 52001-4864

ghed: Ken
L TO: 1820
GenCap Platteville 71, LLC
6938 N Santa Monica Blvd
Fox Point WI 53217

icle ID: 27994
erence: 1
GENCAP PLATTEVILLE 71, LLC
75 S. OAK STREET
PLATTEVILLE, WI 53818

gin: WISCONSIN
E IN: 06/27/2018 TIME IN: 12:10:12
E OUT: 06/27/2018 TIME OUT: 12:10:12

OUND TICKET Number: 02-00774583

SCALE 1 GROSS WT.	65700	LB
STORED TARE WT.	28440	LB
NET WEIGHT	37260	LB

y	Description	Amount
8.63	CONTAMINATED SOIL	1257.53
	Rate: 67.50	

TICKET AMOUNT: 1257.53

_____

gree to pay the amount listed above
rating Hours:7:30AM-3:30PM Monday-Saturday
ned Materials: Hazardous Waste, Liquid Waste,
ical Waste, Electronics, Appliances & Tires
3) 557-8220

D.M.A.S.W.A
LANDFILL
14501 Hwy 20W
Dubuque, IA 52001-4864

Weighed: DAN
Deposit: DAN
BILL TO: 1820
GenCap Platteville 71, LLC
6938 N Santa Monica Blvd
Fox Point WI 53217

Vehicle ID:
Reference: 1
: GENCAP PLATTEVILLE 71, LLC
: 75 S. OAK STREET
: PLATTEVILLE, WI 53818

Origin: WISCONSIN
DATE IN: 06/27/2018 TIME IN: 10:16:23
DATE OUT: 06/27/2018 TIME OUT: 10:25:03

INBOUND TICKET Number: 02-00774534

SCALE 1 GROSS WT.	60700	LB
SCALE 1 TARE WT.	28440	LB
NET WEIGHT	32260	LB

Qty	Description	Amount
16.13	CONTAMINATED SOIL	1088.78
	Rate: 67.50	

TICKET AMOUNT: 1088.78

X_____

I agree to pay the amount listed above
Operating Hours:7:30AM-3:30PM Monday-Saturday
Banned Materials: Hazardous Waste, Liquid Waste,
Medical Waste, Electronics, Appliances & Tires
(563) 557-8220

D.M.A.S.W.A
LANDFILL
14501 Hwy 20W
Dubuque, IA 52001-4864

Weighed: DAN
Deposit: DAN
BILL TO: 1820
GenCap Platteville 71, LLC
6938 N Santa Monica Blvd
Fox Point WI 53217

Vehicle ID:
Reference: 1
: GENCAP PLATTEVILLE 71, LLC
: 75 S. OAK STREET
: PLATTEVILLE, WI 53818

Origin: WISCONSIN
DATE IN: 06/27/2018 TIME IN: 10:07:50
DATE OUT: 06/27/2018 TIME OUT: 10:19:40

INBOUND TICKET Number: 02-00774533

SCALE 1 GROSS WT.	67620	LB
SCALE 1 TARE WT.	29740	LB
NET WEIGHT	37880	LB

Qty	Description	Amount
18.94	CONTAMINATED SOIL	1278.45
	Rate: 67.50	

TICKET AMOUNT: 1278.45

X_____

I agree to pay the amount listed above
Operating Hours:7:30AM-3:30PM Monday-Saturday
d Materials: Hazardous Waste, Liquid Waste,
to Electronics, Appliances & Tires

D.M.A.S.W.A
LANDFILL
14501 Hwy 20W
Dubuque, IA 52001-4864

ghed: DAN
osit: DAN
- TO: 1820
GenCap Platteville 71, LLC
6938 N Santa Monica Blvd
Fox Point WI 53217

cle ID:
rence: 1
ENCAP PLATTEVILLE 71, LLC
5 S. OAK STREET
LATTEVILLE, WI 53818

in: WISCONSIN
IN: 06/27/2018 TIME IN: 10:41:55
OUT: 06/27/2018 TIME OUT: 10:55:36

JND TICKET Number: 02-00774541

SCALE 1 GROSS WT.	66860	LB
SCALE 1 TARE WT.	29360	LB
NET WEIGHT	37500	LB

Qty	Description	Amount
18.75	CONTAMINATED SOIL	1265.63
	Rate: 67.50	
	TICKET AMOUNT:	1265.63

_____

I above
Monday-Saturday
Waste, Liquid Waste,
Appliances & Tires

D.M.A.S.W.A
LANDFILL
14501 Hwy 20W
Dubuque, IA 52001-4864

eighed: Ken
ILL TO: 1820
GenCap Platteville 71, LLC
6938 N Santa Monica Blvd
Fox Point WI 53217

ehicle ID: 27166
eference: 1
GENCAP PLATTEVILLE 71, LLC
75 S. OAK STREET
PLATTEVILLE, WI 53818

rigin: WISCONSIN
ATE IN: 06/27/2018 TIME IN: 11:42:02
ATE OUT: 06/27/2018 TIME OUT: 11:42:02

NBOUND TICKET Number: 02-00774570

SCALE 1 GROSS WT.	70480	LB
STORED TARE WT.	31840	LB
NET WEIGHT	38640	LB

Qty	Description	Amount
19.32	CONTAMINATED SOIL	1304.10
	Rate: 67.50	
	TICKET AMOUNT:	1304.10

_____

agree to pay the amount listed above
perating Hours:7:30AM-3:30PM Monday-Saturday
anned Materials: Hazardous Waste, Liquid Waste,
edical Waste, Electronics, Appliances & Tires
563) 557-8220

D.M.A.S.W.A
LANDFILL
14501 Hwy 20W
Dubuque, IA 52001-4864

Weighed: DAN
Deposit: DAN
BILL TO: 1820
GenCap Platteville 71, LLC
6938 N Santa Monica Blvd
Fox Point WI 53217

Vehicle ID:
Reference: 1
: GENCAP PLATTEVILLE 71, LLC
: 75 S. OAK STREET
: PLATTEVILLE, WI 53818

Origin: WISCONSIN
DATE IN: 06/27/2018 TIME IN: 10:06:26
DATE OUT: 06/27/2018 TIME OUT: 10:17:42

INBOUND TICKET Number: 02-00774532

SCALE 1 GROSS WT.	60180	LB
SCALE 1 TARE WT.	31840	LB
NET WEIGHT	28340	LB

Qty	Description	Amount
14.17	CONTAMINATED SOIL	956.48
	Rate: 67.50	
	TICKET AMOUNT:	956.48

X_____

I agree to pay the amount listed above
Operating Hours:7:30AM-3:30PM Monday-Saturday
Banned Materials: Hazardous Waste, Liquid Waste.

ATTACHMENT C

SOIL LABORATORY ANALYTICAL REPORT

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

STEVEN KIKKERT
THE SIGMA GROUP, INC.
1300 W. CANAL STREET
MILWAUKEE, WI 53233

Report Date *12-Jul-18*

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874A
Sample ID SW-1
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.6	%			1	5021		6/29/2018	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/6/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		7/6/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		7/6/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		7/6/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		7/6/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/6/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		7/6/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		7/6/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		7/6/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		7/6/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		7/6/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		7/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		7/6/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		7/6/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		7/6/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		7/6/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874A
Sample ID SW-1
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		7/6/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/6/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		7/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		7/6/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/6/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/6/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		7/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		7/6/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		7/6/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		7/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
Tetrachloroethene	0.177	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		7/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		7/6/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		7/6/2018	CJR	1
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/6/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		7/6/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		7/6/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		7/6/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		7/6/2018	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		7/6/2018	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		7/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		7/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	93	Rec %			1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874B
Sample ID SW-2
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	92.7	%			1	5021		6/29/2018	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/6/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		7/6/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		7/6/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		7/6/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		7/6/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/6/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		7/6/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		7/6/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		7/6/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		7/6/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		7/6/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		7/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		7/6/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		7/6/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		7/6/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		7/6/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		7/6/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/6/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		7/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		7/6/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/6/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/6/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		7/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		7/6/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		7/6/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		7/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
Tetrachloroethene	1.61	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		7/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		7/6/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874B
Sample ID SW-2
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/6/2018	CJR	1
Trichloroethene (TCE)	0.089 "J"	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		7/6/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		7/6/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		7/6/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		7/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	104	Rec %			1	8260B		7/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	89	Rec %			1	8260B		7/6/2018	CJR	1
SUR - Dibromofluoromethane	95	Rec %			1	8260B		7/6/2018	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874C
Sample ID SW-3
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.2	%			1	5021		6/29/2018	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/6/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		7/6/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		7/6/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		7/6/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		7/6/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/6/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		7/6/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		7/6/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		7/6/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		7/6/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		7/6/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		7/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		7/6/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		7/6/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		7/6/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		7/6/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		7/6/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/6/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		7/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		7/6/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/6/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/6/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		7/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		7/6/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		7/6/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		7/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
Tetrachloroethene	0.76	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		7/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		7/6/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874C
Sample ID SW-3
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/6/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		7/6/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		7/6/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		7/6/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		7/6/2018	CJR	1
SUR - Toluene-d8	93	Rec %			1	8260B		7/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	93	Rec %			1	8260B		7/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	87	Rec %			1	8260B		7/6/2018	CJR	1
SUR - Dibromofluoromethane	94	Rec %			1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874D
Sample ID SW-4
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.4	%			1	5021		6/29/2018	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/6/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		7/6/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		7/6/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		7/6/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		7/6/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/6/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		7/6/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		7/6/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		7/6/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		7/6/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		7/6/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		7/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		7/6/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		7/6/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		7/6/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		7/6/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		7/6/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/6/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		7/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		7/6/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/6/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/6/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		7/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		7/6/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		7/6/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		7/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
Tetrachloroethene	0.118	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		7/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		7/6/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874D
Sample ID SW-4
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/6/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		7/6/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		7/6/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		7/6/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		7/6/2018	CJR	1
SUR - Toluene-d8	96	Rec %			1	8260B		7/6/2018	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		7/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	96	Rec %			1	8260B		7/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874E
Sample ID SW-5
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	82.8	%			1	5021		6/29/2018	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/6/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		7/6/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		7/6/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		7/6/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		7/6/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/6/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		7/6/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		7/6/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		7/6/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		7/6/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		7/6/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		7/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		7/6/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		7/6/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		7/6/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		7/6/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		7/6/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/6/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		7/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		7/6/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/6/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/6/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		7/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		7/6/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		7/6/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		7/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
Tetrachloroethene	1.9	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		7/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		7/6/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874E
Sample ID SW-5
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/6/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		7/6/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		7/6/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		7/6/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		7/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	106	Rec %			1	8260B		7/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	88	Rec %			1	8260B		7/6/2018	CJR	1
SUR - Dibromofluoromethane	96	Rec %			1	8260B		7/6/2018	CJR	1
SUR - Toluene-d8	93	Rec %			1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874F
Sample ID SW-6
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	75.0	%			1	5021		6/29/2018	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/6/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		7/6/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		7/6/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		7/6/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		7/6/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/6/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		7/6/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		7/6/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		7/6/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		7/6/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		7/6/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		7/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		7/6/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		7/6/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		7/6/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		7/6/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		7/6/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/6/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		7/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		7/6/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/6/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/6/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		7/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		7/6/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		7/6/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		7/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
Tetrachloroethene	0.79	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		7/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		7/6/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874F
Sample ID SW-6
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/6/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		7/6/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		7/6/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		7/6/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		7/6/2018	CJR	1
SUR - Dibromofluoromethane	100	Rec %			1	8260B		7/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	106	Rec %			1	8260B		7/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	87	Rec %			1	8260B		7/6/2018	CJR	1
SUR - Toluene-d8	93	Rec %			1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874G
Sample ID BB-1
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	81.0	%			1	5021		6/29/2018	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/6/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		7/6/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		7/6/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		7/6/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		7/6/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/6/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		7/6/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		7/6/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		7/6/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		7/6/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		7/6/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		7/6/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		7/6/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/6/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		7/6/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		7/6/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		7/6/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/6/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		7/6/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/6/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		7/6/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		7/6/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/6/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/6/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		7/6/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/6/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		7/6/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		7/6/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		7/6/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/6/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		7/6/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		7/6/2018	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		7/6/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		7/6/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874G
Sample ID BB-1
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/6/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		7/6/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		7/6/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/6/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		7/6/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		7/6/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		7/6/2018	CJR	1
SUR - Toluene-d8	93	Rec %			1	8260B		7/6/2018	CJR	1
SUR - Dibromofluoromethane	101	Rec %			1	8260B		7/6/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		7/6/2018	CJR	1
SUR - 4-Bromofluorobenzene	87	Rec %			1	8260B		7/6/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874H
Sample ID BB-2
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.6	%			1	5021		6/29/2018	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/11/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		7/11/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		7/11/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		7/11/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		7/11/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/11/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/11/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		7/11/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		7/11/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		7/11/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		7/11/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		7/11/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		7/11/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		7/11/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/11/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/11/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/11/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		7/11/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		7/11/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		7/11/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		7/11/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		7/11/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		7/11/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/11/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		7/11/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/11/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		7/11/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		7/11/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/11/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		7/11/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/11/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		7/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		7/11/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		7/11/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/11/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		7/11/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		7/11/2018	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		7/11/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		7/11/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		7/11/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874H
Sample ID BB-2
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/11/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		7/11/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		7/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		7/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		7/11/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		7/11/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		7/11/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	99	Rec %			1	8260B		7/11/2018	CJR	1
SUR - 4-Bromofluorobenzene	84	Rec %			1	8260B		7/11/2018	CJR	1
SUR - Dibromofluoromethane	98	Rec %			1	8260B		7/11/2018	CJR	1
SUR - Toluene-d8	92	Rec %			1	8260B		7/11/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874I
Sample ID BB-3
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.7	%			1	5021		6/29/2018	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/11/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		7/11/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		7/11/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		7/11/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		7/11/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/11/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/11/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		7/11/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		7/11/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		7/11/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		7/11/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		7/11/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		7/11/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		7/11/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/11/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/11/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/11/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		7/11/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		7/11/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		7/11/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		7/11/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		7/11/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		7/11/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/11/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		7/11/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/11/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		7/11/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		7/11/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/11/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		7/11/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/11/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		7/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		7/11/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		7/11/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/11/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		7/11/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		7/11/2018	CJR	1
Tetrachloroethene	0.099 "J"	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		7/11/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		7/11/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		7/11/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874I
Sample ID BB-3
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/11/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		7/11/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		7/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		7/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		7/11/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		7/11/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		7/11/2018	CJR	1
SUR - Toluene-d8	92	Rec %			1	8260B		7/11/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		7/11/2018	CJR	1
SUR - 4-Bromofluorobenzene	84	Rec %			1	8260B		7/11/2018	CJR	1
SUR - Dibromofluoromethane	100	Rec %			1	8260B		7/11/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874J
Sample ID BB-4
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.7	%			1	5021		6/29/2018	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/11/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		7/11/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		7/11/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		7/11/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		7/11/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/11/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/11/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		7/11/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		7/11/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		7/11/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		7/11/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		7/11/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		7/11/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		7/11/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/11/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/11/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/11/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		7/11/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		7/11/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		7/11/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		7/11/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		7/11/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		7/11/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/11/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		7/11/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/11/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		7/11/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		7/11/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/11/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		7/11/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/11/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		7/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		7/11/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		7/11/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/11/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		7/11/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		7/11/2018	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		7/11/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		7/11/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		7/11/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874J
Sample ID BB-4
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/11/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		7/11/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		7/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		7/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		7/11/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		7/11/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		7/11/2018	CJR	1
SUR - Toluene-d8	94	Rec %			1	8260B		7/11/2018	CJR	1
SUR - Dibromofluoromethane	99	Rec %			1	8260B		7/11/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	103	Rec %			1	8260B		7/11/2018	CJR	1
SUR - 4-Bromofluorobenzene	88	Rec %			1	8260B		7/11/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874K
Sample ID RB-1
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	80.1	%			1	5021		6/29/2018	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/11/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		7/11/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		7/11/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		7/11/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		7/11/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/11/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/11/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		7/11/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		7/11/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		7/11/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		7/11/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		7/11/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		7/11/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		7/11/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/11/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/11/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/11/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		7/11/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		7/11/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		7/11/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		7/11/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		7/11/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		7/11/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/11/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		7/11/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/11/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		7/11/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		7/11/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/11/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		7/11/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/11/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		7/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		7/11/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		7/11/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/11/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		7/11/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		7/11/2018	CJR	1
Tetrachloroethene	0.093 "J"	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		7/11/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		7/11/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		7/11/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874K
Sample ID RB-1
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/11/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		7/11/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		7/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		7/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		7/11/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		7/11/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		7/11/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	103	Rec %			1	8260B		7/11/2018	CJR	1
SUR - 4-Bromofluorobenzene	84	Rec %			1	8260B		7/11/2018	CJR	1
SUR - Dibromofluoromethane	97	Rec %			1	8260B		7/11/2018	CJR	1
SUR - Toluene-d8	93	Rec %			1	8260B		7/11/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874L
Sample ID RB-2
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	78.1	%			1	5021		6/29/2018	NJC	1
Organic										
VOC's										
Benzene	< 0.03	mg/kg	0.03	0.096	1	8260B		7/11/2018	CJR	1
Bromobenzene	< 0.025	mg/kg	0.025	0.081	1	8260B		7/11/2018	CJR	1
Bromodichloromethane	< 0.074	mg/kg	0.074	0.24	1	8260B		7/11/2018	CJR	1
Bromoform	< 0.029	mg/kg	0.029	0.092	1	8260B		7/11/2018	CJR	1
tert-Butylbenzene	< 0.026	mg/kg	0.026	0.084	1	8260B		7/11/2018	CJR	1
sec-Butylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/11/2018	CJR	1
n-Butylbenzene	< 0.04	mg/kg	0.04	0.13	1	8260B		7/11/2018	CJR	1
Carbon Tetrachloride	< 0.016	mg/kg	0.016	0.053	1	8260B		7/11/2018	CJR	1
Chlorobenzene	< 0.013	mg/kg	0.013	0.04	1	8260B		7/11/2018	CJR	1
Chloroethane	< 0.091	mg/kg	0.091	0.29	1	8260B		7/11/2018	CJR	1
Chloroform	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
Chloromethane	< 0.076	mg/kg	0.076	0.24	1	8260B		7/11/2018	CJR	1
2-Chlorotoluene	< 0.015	mg/kg	0.015	0.047	1	8260B		7/11/2018	CJR	1
4-Chlorotoluene	< 0.018	mg/kg	0.018	0.057	1	8260B		7/11/2018	CJR	1
1,2-Dibromo-3-chloropropane	< 0.058	mg/kg	0.058	0.18	1	8260B		7/11/2018	CJR	1
Dibromochloromethane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/11/2018	CJR	1
1,4-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/11/2018	CJR	1
1,3-Dichlorobenzene	< 0.037	mg/kg	0.037	0.12	1	8260B		7/11/2018	CJR	1
1,2-Dichlorobenzene	< 0.028	mg/kg	0.028	0.088	1	8260B		7/11/2018	CJR	1
Dichlorodifluoromethane	< 0.048	mg/kg	0.048	0.15	1	8260B		7/11/2018	CJR	1
1,2-Dichloroethane	< 0.038	mg/kg	0.038	0.12	1	8260B		7/11/2018	CJR	1
1,1-Dichloroethane	< 0.034	mg/kg	0.034	0.11	1	8260B		7/11/2018	CJR	1
1,1-Dichloroethene	< 0.022	mg/kg	0.022	0.069	1	8260B		7/11/2018	CJR	1
cis-1,2-Dichloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
trans-1,2-Dichloroethene	< 0.028	mg/kg	0.028	0.09	1	8260B		7/11/2018	CJR	1
1,2-Dichloropropane	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
1,3-Dichloropropane	< 0.025	mg/kg	0.025	0.079	1	8260B		7/11/2018	CJR	1
trans-1,3-Dichloropropene	< 0.022	mg/kg	0.022	0.068	1	8260B		7/11/2018	CJR	1
cis-1,3-Dichloropropene	< 0.039	mg/kg	0.039	0.12	1	8260B		7/11/2018	CJR	1
Di-isopropyl ether	< 0.01	mg/kg	0.01	0.032	1	8260B		7/11/2018	CJR	1
EDB (1,2-Dibromoethane)	< 0.023	mg/kg	0.023	0.072	1	8260B		7/11/2018	CJR	1
Ethylbenzene	< 0.035	mg/kg	0.035	0.11	1	8260B		7/11/2018	CJR	1
Hexachlorobutadiene	< 0.085	mg/kg	0.085	0.27	1	8260B		7/11/2018	CJR	1
Isopropylbenzene	< 0.034	mg/kg	0.034	0.11	1	8260B		7/11/2018	CJR	1
p-Isopropyltoluene	< 0.029	mg/kg	0.029	0.093	1	8260B		7/11/2018	CJR	1
Methylene chloride	< 0.15	mg/kg	0.15	0.46	1	8260B		7/11/2018	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.05	mg/kg	0.05	0.16	1	8260B		7/11/2018	CJR	1
Naphthalene	< 0.094	mg/kg	0.094	0.3	1	8260B		7/11/2018	CJR	1
n-Propylbenzene	< 0.033	mg/kg	0.033	0.1	1	8260B		7/11/2018	CJR	1
1,1,2,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.88	1	8260B		7/11/2018	CJR	1
1,1,1,2-Tetrachloroethane	< 0.028	mg/kg	0.028	0.09	1	8260B		7/11/2018	CJR	1
Tetrachloroethene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
Toluene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
1,2,4-Trichlorobenzene	< 0.064	mg/kg	0.064	0.2	1	8260B		7/11/2018	CJR	1
1,2,3-Trichlorobenzene	< 0.066	mg/kg	0.066	0.21	1	8260B		7/11/2018	CJR	1
1,1,1-Trichloroethane	< 0.03	mg/kg	0.03	0.96	1	8260B		7/11/2018	CJR	1

Project Name PLATTEVILLE **Invoice #** E34874
Project # 16571

Lab Code 5034874L
Sample ID RB-2
Sample Matrix Soil
Sample Date 6/27/2018

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1,2-Trichloroethane	< 0.033	mg/kg	0.033	0.11	1	8260B		7/11/2018	CJR	1
Trichloroethene (TCE)	< 0.041	mg/kg	0.041	0.13	1	8260B		7/11/2018	CJR	1
Trichlorofluoromethane	< 0.041	mg/kg	0.041	0.13	1	8260B		7/11/2018	CJR	1
1,2,4-Trimethylbenzene	< 0.025	mg/kg	0.025	0.08	1	8260B		7/11/2018	CJR	1
1,3,5-Trimethylbenzene	< 0.032	mg/kg	0.032	0.1	1	8260B		7/11/2018	CJR	1
Vinyl Chloride	< 0.019	mg/kg	0.019	0.062	1	8260B		7/11/2018	CJR	1
m&p-Xylene	< 0.072	mg/kg	0.072	0.23	1	8260B		7/11/2018	CJR	1
o-Xylene	< 0.044	mg/kg	0.044	0.14	1	8260B		7/11/2018	CJR	1
SUR - Toluene-d8	93	Rec %			1	8260B		7/11/2018	CJR	1
SUR - 1,2-Dichloroethane-d4	100	Rec %			1	8260B		7/11/2018	CJR	1
SUR - 4-Bromofluorobenzene	90	Rec %			1	8260B		7/11/2018	CJR	1
SUR - Dibromofluoromethane	98	Rec %			1	8260B		7/11/2018	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # No 358

Page 1 of 2

Sample Handling Request
____ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #	
Account No. :	Quote No.: Standard
Project #: 16571	
Sampler: (signature)	
Project (Name / Location): Platteville	
Reports To: Steven Kikkert	Invoice To: SAME
Company The Sigma Group	Company
Address 1300 W Canal St	Address
City State Zip Milwaukee, WI 53233	City State Zip
Phone 414-643-4200	Phone
FAX 414-643-4210	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
503474 A	SW-1	6/27			X	N	1	SOIL	MeOH													X		0
B	SW-2	↓			↓	↓	↓	↓	↓													↓		0
C	SW-3																							0
D	SW-4																							0
E	SW-5																							2.0
F	SW-6																							0
G	BB-1																							0
H	BB-2																							0.8
I	BB-3																							1.2
J	BB-4	↓			↓																	↓		1.4

Analysis Requested | **Other Analysis**

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.
Method of Shipment: GC
Temp. of Temp. Blank ___ °C On Ice: X
Cooler seal intact upon receipt: Y Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	10:30am	6/28			

Received in Laboratory By: Time: 8:00 Date: 6/29/18

CHAIN OF CUSTODY RECORD

Synergy
Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # Nº 358[illegible]

Page 2 of 2

Sample Handling Request
___ Rush Analysis Date Required ___
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #	
Account No. :	Quote No.: Standard
Project #: 16571	
Sampler: (signature) Steven Kikkert	
Project (Name / Location): Platteville	

Reports To: Steven Kikkert	Invoice To: SAME
Company The Sigma Group	Company
Address 1300 W. Canal St	Address
City State Zip Milwaukee, WI 53233	City State Zip
Phone 414-643-4200	Phone
FAX 414-643-4210	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/FID
503487[illegible]	RB-1	6/27			X	N	1	SOIL	MeOH													X		0
L	RB-2	↓			X	N	1	↓	↓													X		0

Analysis Requested — Other Analysis

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.
Method of Shipment: GC
Temp. of Temp. Blank ___ °C On Ice X
Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Steven Kikkert	10:30am	6/28			

Received in Laboratory By: [signature] Time: 8:00 Date: 6/28/11

ATTACHMENT D

CUT/FILL PLAN MAP

VOLUME CALCULATION
CUT VOLUME: 3094 CY
FILL VOLUME: 4,225 CY
NET VOLUME: 1,131 CY (FILL)

VOLUME ASSUMPTIONS:

- VOLUME CALCULATION IS BASED ON THE EXISTING SURFACE COMPARED TO THE PROPOSED SUBGRADE SURFACE.
- SUBGRADE ASSUMED 12 INCHES AVERAGE STRUCTURE FOR THE ALL SURFACES, WITH THE EXCEPTION OF THE POROUS PAVEMENT, WHERE A 1.75 FT STRUCTURE WAS USED.
- DOES NOT TAKE INTO ACCOUNT THE UTILITY TRENCH SPOILS.
- DOES NOT TAKE INTO ACCOUNT THE SOIL EXPANSION FACTORS.

GRAPHIC SCALE
0 20' 40'

THE SIGMA GROUP
Single Source. Sound Solutions.
www.thesigmagroup.com
1300 West Canal Street
Milwaukee, WI 53233
Phone: 414-643-4200
Fax: 414-643-4210

PIONEER FORD REDEVELOPMENT
PLATTEVILLE, WISCONSIN

EARTH WORK VOLUME CALCULATION

NO. REVISION DATE BY

DRAWING NO.	16571 - Cut Fill.dwg
DRAWN BY:	TPM
DATE:	1/5/2017
PROJECT NO:	16571
CHECKED BY:	CTC
APPROVED BY:	
SHEET NO.:	C 200

File: I:\General Capital\16571_Platteville\060 CADIC - Civil\500 Production - General\Volume Calculations\16571 - Cut Fill.dwg 1/31/2018 9:09 AM

ATTACHMENT E

SOIL MANAGEMENT SITE PHOTOS

Photo Page 1

Photo 1: Targeted remedial excavation, looking S along N. Water Street, 6/27/2018.

Photo 2: Targeted remedial excavation, looking S along N. Water St., 6/27/2018.

Former Pioneer Ford
50 & 75 S. Oak Street, Platteville, Wisconsin

Sigma Project Number: 16571

Photo Page 2

Photo 3: Initial foundation excavations, looking SW towards E. Pine Street, 7/9/2018.

Photo 4: Foundation construction, looking S towards E. Pine Street, 7/18/2018.

Former Pioneer Ford
50 & 75 S. Oak Street, Platteville, Wisconsin

Sigma Project Number: 16571

Photo Page 3

Photo 5: Foundation construction, looking west towards S. Oak Street, 7/18/2018.

Photo 6: Foundation construction, looking SW towards E. Pine Street, 7/18/2018.

Former Pioneer Ford
50 & 75 S. Oak Street, Platteville, Wisconsin

Sigma Project Number: 16571

Photo Page 4

Photo 7: Foundation construction, looking SW towards E. Pine Street, 7/18/2018.

Photo 8: Building construction, looking SE towards E. Pine Street, 9/11/2018.

Former Pioneer Ford
50 & 75 S. Oak Street, Platteville, Wisconsin

Sigma Project Number: 16571

Photo Page 5

Photo 9: Building construction, looking SW towards E. Pine Street, 9/11/2018.

Photo 10: Plumbing work within building footprint, 9/28/2018.

Former Pioneer Ford
50 & 75 S. Oak Street, Platteville, Wisconsin

Sigma Project Number: 16571

Photo Page 6

Photo 11: Plumbing work within building footprint, looking NW, 9/28/2018.

Photo 12: Exterior plumbing work, looking SE, 6/03/2019.

Former Pioneer Ford
50 & 75 S. Oak Street, Platteville, Wisconsin

Sigma Project Number: 16571

Photo Page 7

Photo 13: Plumbing work in courtyard area, 6/19/2019.

Photo 14: Backfill around retaining wall in courtyard, looking SW, 08/12/2019.

ATTACHMENT F

ENGINEERED BARRIER PHOTOS

Photo Page 1

Photo 1: Courtyard area, looking E, 10/2019.

Photo 2: Courtyard area, looking SW, 10/2019.

Former Pioneer Ford
50 & 75 S. Oak Street, Platteville, Wisconsin

Sigma Project Number: 16571

Photo Page 2

Photo 3: Looking E towards N. Water Street north of new building, 10/2019.

Photo 4: Looking west towards S. Oak Street area north of courtyard, 10/2019.

Former Pioneer Ford
50 & 75 S. Oak Street, Platteville, Wisconsin

Sigma Project Number: 16571

Photo Page 3

Photo 5: Looking E in courtyard area, 10/2019.

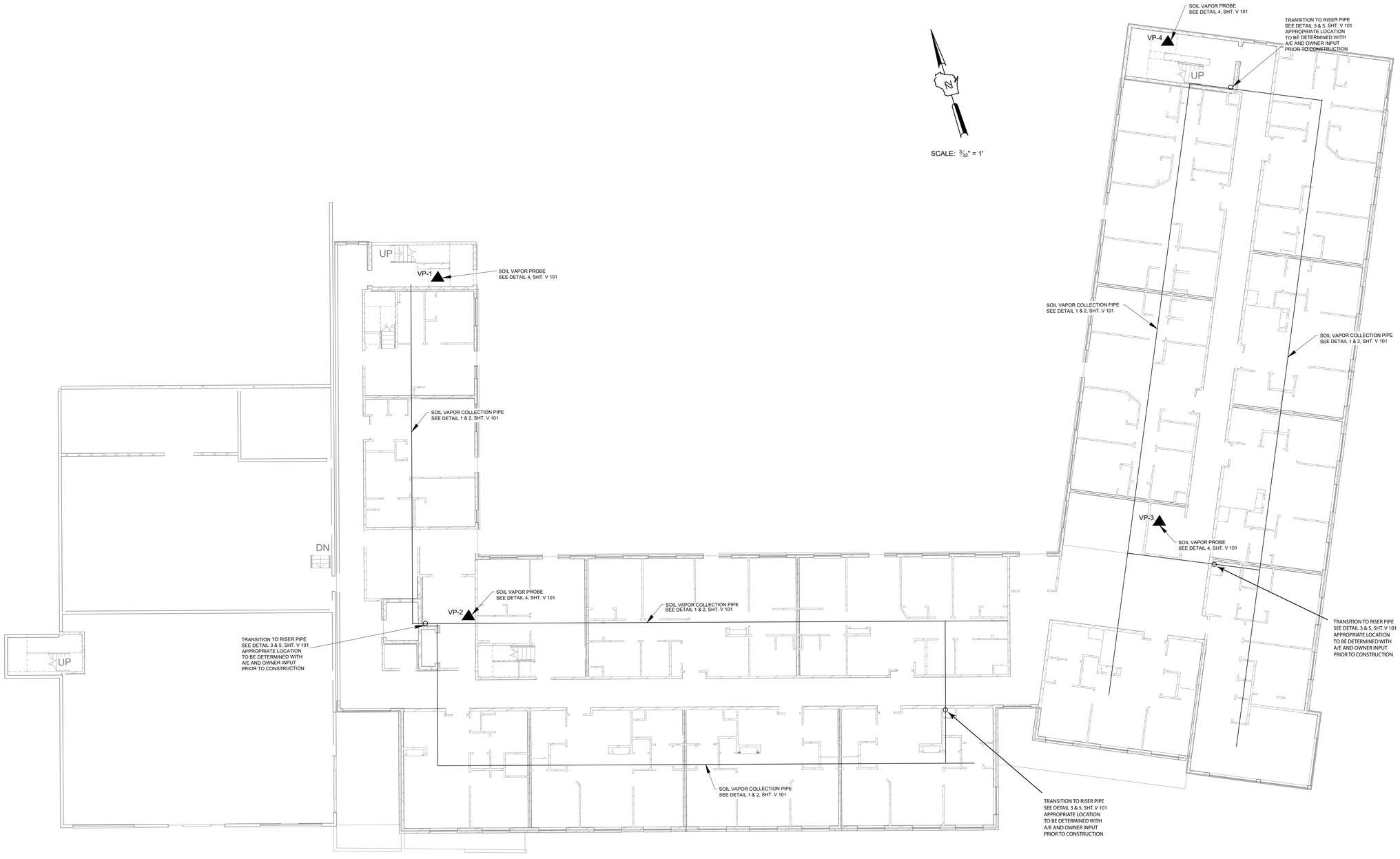
Photo 6: Looking S towards E. Pine Street, 10/2019.

Former Pioneer Ford
50 & 75 S. Oak Street, Platteville, Wisconsin

Sigma Project Number: 16571

ATTACHMENT G

VAPOR MITIGATION SYSTEM PLANS



FIRST FLOOR

LEGEND

- SOIL VAPOR PIPING
- VERTICAL RISER PIPE
- VP-1 SOIL VAPOR PROBE LOCATION

THE SIGMA GROUP
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www.thesigmagroup.com
1300 West Canal Street
Milwaukee, WI 53233
Phone: 414-643-4200
Fax: 414-643-4210

AYRES ASSOCIATES

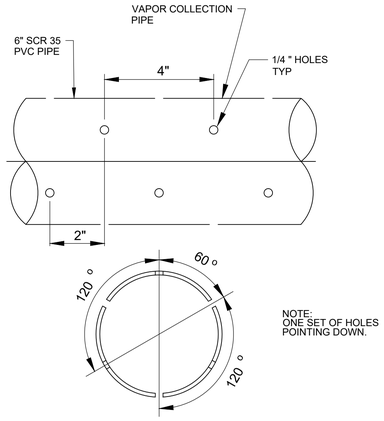
PIONEER FORD REDEVELOPMENT
PLATTEVILLE, WISCONSIN

VAPOR MANAGEMENT PLAN

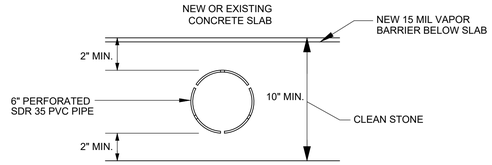
NO.	REVISION	DATE	BY
1		4.9.18	SRM

DRAWING NO.	Vapor Management Plan.dwg
DRAWN BY:	TJS
DATE:	NOVEMBER 2017
PROJECT NO:	16571
CHECKED BY:	BP
APPROVED BY:	
SHEET NO.:	V 100

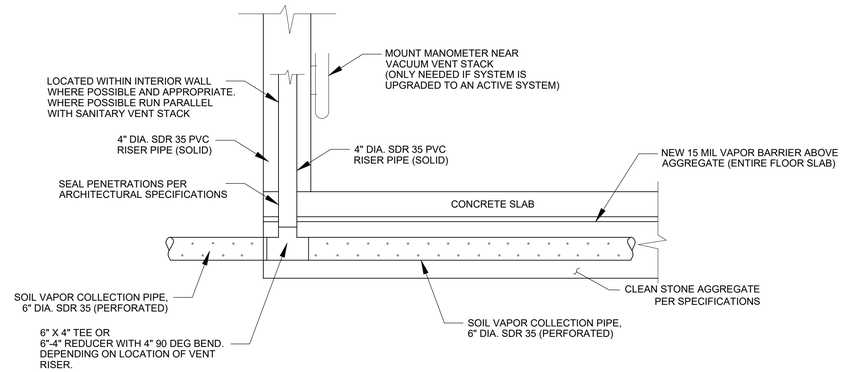
File: V:\ENV\CAD\Env. sites\Plattville\Pioneer Ford\Vapor plans\Vapor Management Plan.dwg 2/5/2018 1:49 PM



1 VENT PIPE PERFORATION DETAIL
NTS

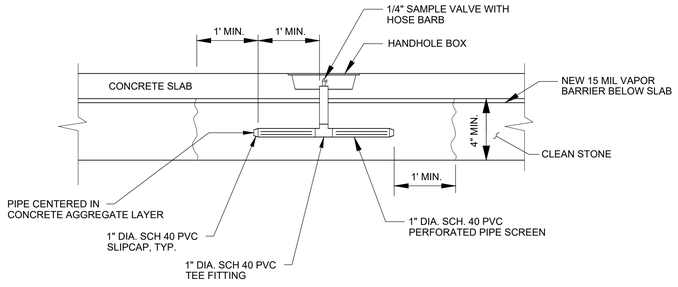


2 SOIL VAPOR COLLECTION PIPE PLACEMENT DETAILS
NTS

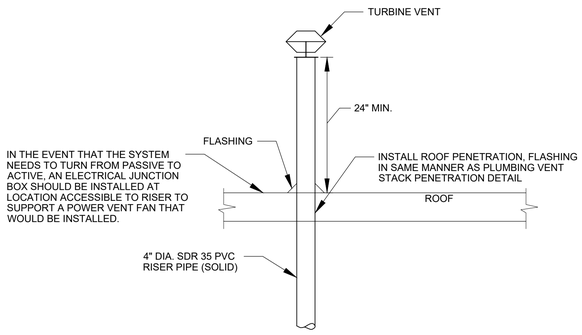


3 TYPICAL SOIL VAPOR COLLECTION PIPE TRANSITION TO RISER PIPE DETAIL
NTS

NOTE: VENT STACK LOCATIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION. AT LEAST ONE STACK PER SYSTEM, CAN BE RELOCATED TO AVOID CONFLICT WITH OTHER BUILDING COMPONENTS



4 TYPICAL SOIL VAPOR PROBE DETAIL
NTS



5 ROOF PENETRATION AND PASSIVE TURBINE VENTILATION FAN DETAIL
NTS

NOTES: WHERE POSSIBLE, ROUTE VENT LOCATIONS WITH OTHER PLUMBING VENT SYSTEMS. ADJUST VENT LOCATIONS AS NECESSARY

EXHAUST POINT SHALL BE AT LEAST 10 FEET FROM HVAC INTAKES OR WINDOWS THAT MAY BE OPEN

THE SIGMA GROUP
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Fax: 414-643-4210

AYRES ASSOCIATES

PIONEER FORD REDEVELOPMENT
PLATTEVILLE, WISCONSIN

VAPOR SYSTEM DETAILS

NO.	REVISION	DATE	BY

DRAWING NO.	Vapor Management Plan.dwg
DRAWN BY:	TJS
DATE:	NOVEMBER 2017
PROJECT NO:	16571
CHECKED BY:	BP
APPROVED BY:	
SHEET NO.:	V 101

ATTACHMENT H

VAPOR LABORATORY ANALYTICAL REPORT

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

September 30, 2019

Steve Meer
Sigma Environmental Services
1300 W. Canal St.
Milwaukee, WI 53233

RE: Project: 16571 Platteville
Pace Project No.: 10492862

Dear Steve Meer:
Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 16571 Platteville
Pace Project No.: 10492862

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Vermont Certification #: VT-027053137
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: 16571 Platteville
Pace Project No.: 10492862

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10492862001	**VP-2**	Air	09/20/19 12:54	09/24/19 11:35
10492862002	**VP-3**	Air	09/20/19 12:45	09/24/19 11:35
10492862003	**Unused Can 1474**	Air		09/24/19 11:35
10492862004	**Unused Can 0274**	Air		09/24/19 11:35

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 16571 Platteville
Pace Project No.: 10492862

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10492862001	**VP-2**	TO-15	MG2	6	PASI-M
10492862002	**VP-3**	TO-15	MG2	6	PASI-M

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 16571 Platteville
Pace Project No.: 10492862

Sample: VP-2 **Lab ID: 10492862001** Collected: 09/20/19 12:54 Received: 09/24/19 11:35 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.41**	ug/m3	1.2	0.41	1.49		09/28/19 01:53	75-35-4	
cis-1,2-Dichloroethene	**<0.33**	ug/m3	1.2	0.33	1.49		09/28/19 01:53	156-59-2	
trans-1,2-Dichloroethene	**117**	ug/m3	1.2	0.42	1.49		09/28/19 01:53	156-60-5	
Tetrachloroethene	**1.9**	ug/m3	1.0	0.47	1.49		09/28/19 01:53	127-18-4	
Trichloroethene	**<0.38**	ug/m3	0.81	0.38	1.49		09/28/19 01:53	79-01-6	
Vinyl chloride	**<0.19**	ug/m3	0.39	0.19	1.49		09/28/19 01:53	75-01-4	

Sample: VP-3 **Lab ID: 10492862002** Collected: 09/20/19 12:45 Received: 09/24/19 11:35 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
1,1-Dichloroethene	**<0.39**	ug/m3	1.2	0.39	1.44		09/28/19 02:22	75-35-4	
cis-1,2-Dichloroethene	**<0.32**	ug/m3	1.2	0.32	1.44		09/28/19 02:22	156-59-2	
trans-1,2-Dichloroethene	**55.8**	ug/m3	1.2	0.41	1.44		09/28/19 02:22	156-60-5	
Tetrachloroethene	**1.4**	ug/m3	0.99	0.45	1.44		09/28/19 02:22	127-18-4	
Trichloroethene	**<0.36**	ug/m3	0.79	0.36	1.44		09/28/19 02:22	79-01-6	
Vinyl chloride	**<0.18**	ug/m3	0.37	0.18	1.44		09/28/19 02:22	75-01-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 16571 Platteville
Pace Project No.: 10492862

QC Batch: 635147 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10492862001, 10492862002

METHOD BLANK: 3423076 Matrix: Air
Associated Lab Samples: 10492862001, 10492862002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/m3	<0.27	0.81	09/27/19 14:48	
cis-1,2-Dichloroethene	ug/m3	<0.22	0.81	09/27/19 14:48	
Tetrachloroethene	ug/m3	<0.31	0.69	09/27/19 14:48	
trans-1,2-Dichloroethene	ug/m3	<0.28	0.81	09/27/19 14:48	
Trichloroethene	ug/m3	<0.25	0.55	09/27/19 14:48	
Vinyl chloride	ug/m3	<0.13	0.26	09/27/19 14:48	

LABORATORY CONTROL SAMPLE: 3423077

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/m3	43.5	37.1	85	70-130	
cis-1,2-Dichloroethene	ug/m3	41.9	38.0	91	70-130	
Tetrachloroethene	ug/m3	70.3	64.9	92	70-130	
trans-1,2-Dichloroethene	ug/m3	41.5	37.5	90	70-130	
Trichloroethene	ug/m3	56.3	52.8	94	70-130	
Vinyl chloride	ug/m3	28.1	24.1	86	70-130	

SAMPLE DUPLICATE: 3424060

Parameter	Units	10491851001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/m3	ND	<0.41		25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.33		25	
Tetrachloroethene	ug/m3	1.5	1.3	12	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.42		25	
Trichloroethene	ug/m3	ND	<0.38		25	
Vinyl chloride	ug/m3	ND	<0.19		25	

SAMPLE DUPLICATE: 3424061

Parameter	Units	10491851003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/m3	ND	<0.37		25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.29		25	
Tetrachloroethene	ug/m3	ND	<0.42		25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.38		25	
Trichloroethene	ug/m3	ND	<0.34		25	
Vinyl chloride	ug/m3	ND	<0.17		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 16571 Platteville
Pace Project No.: 10492862

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 16571 Platteville
Pace Project No.: 10492862

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10492862001	**VP-2**	TO-15	635147		
10492862002	**VP-3**	TO-15	635147		

Pace Analytical®
www.pacelabs.com

AIR: CHAIN-OF-CUSTODY /

The Chain-of-Custody is a LEGAL DOCUMENT. All relevan

WO# : 10492862

10492862

45456

Page: 1 of 1

Section A Required Client Information:

Company: The Sigma Group Inc
Address: 1300 W. Canal St.
Milwaukee, WI 53233
Email To: smeer@thesigmagroup.com
Phone: 414-643-4200 Fax: 414-643-4210
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Stephen Meer
Copy To:
Purchase Order No.:
Project Name: Platteville
Project Number: 16571

Section C Invoice Information:

Attention: Stephen Meer
Company Name: The Sigma Group, Inc
Address: 1300 W. Canal St, Milwaukee, WI 63233
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #: 18109

Program: ☐ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☒ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: WI

Reporting Units: ug/m³ ☒ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level II. ___ III. ___ IV. ___ Other ___

'Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE - END/GRAB DATE	COMPOSITE - END/GRAB TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: PM10	3C - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated	TO-15 Short List (other)	Pace Lab ID
1	VP-2	6LC		9/20	12:17	9/20	12:54	-27	-3	1534	1066							X			001
2	VP-3	6LC		9/20	12:06	9/20	12:45	-30	-3	0690	0932							X			002
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Comments:

Box includes 2 unused canisters

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Steven Kirkart/Sigma	9/23	10:00am	[illegible] FedEx	9/24/19	1135

SAMPLE CONDITIONS

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Steven Kirkart

SIGNATURE of SAMPLER: Steven Kirkart

DATE Signed (MM / DD / YY): 09/23/19

ORIGINAL

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 31Jan2019 Page 1 of 1
	Document No.: F-MN-A-106-rev.18	Issuing Authority:

Air Sample Condition Upon Receipt

Client Name: SIGMA ENVIRONMENTAL

Project #:

WO#: 10492862

PM: KNH **Due Date: 10/01/19**

CLIENT: SIGMA ENV

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Pace [ ] SpeeDee [ ] Commercial See Exception [ ]

Tracking Number: 1083 0280 8291

Custody Seal on Cooler/Box Present? [ ] Yes [X] No Seals Intact? [ ] Yes [X] No

Packing Material: [ ] Bubble Wrap [ ] Bubble Bags [X] Foam [ ] None [ ] Tin Can [ ] Other: _____ Temp Blank rec: [ ] Yes [X] No

Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X

Thermometer Used: [ ] G87A9170600254 [ ] G87A9155100842

Temp should be above freezing to 6°C Correction Factor: X

Date & Initials of Person Examining Contents: 9/25/19 CMY

Type of ice Received [ ] Blue [ ] Wet [X] None

		Comments:
Chain of Custody Present?	[X] Yes [ ] No	1.
Chain of Custody Filled Out?	[X] Yes [ ] No	2.
Chain of Custody Relinquished?	[X] Yes [ ] No	3.
Sampler Name and/or Signature on COC?	[X] Yes [ ] No [ ] N/A	4.
Samples Arrived within Hold Time?	[X] Yes [ ] No	5.
Short Hold Time Analysis (<72 hr)?	[ ] Yes [X] No	6.
Rush Turn Around Time Requested?	[ ] Yes [X] No	7.
Sufficient Volume?	[X] Yes [ ] No	8.
Correct Containers Used?	[X] Yes [ ] No	9.
-Pace Containers Used?	[X] Yes [ ] No	
Containers Intact?	[X] Yes [ ] No	10.
Media: (Air Can) Airbag Filter TDT Passive		11. Individually Certified Cans Y (N) (list which samples)
Is sufficient information available to reconcile samples to the COC?	[X] Yes [ ] No	12.
Do cans need to be pressurized (3C and ASTM 1946 DO NOT PRESSURIZE)?	[X] Yes [ ] No	13.

Samples Received: Pressure Gauge # [ ] 10AIR34 [X] 10AIR35

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
VP-2	1534	1066	-3	+5					
VP-3	0690	0932	-2	+5					
UNUSED/RETURN	1474	1026	-29	—					
UNSED/RETURN	0274	0948	-29	—					

CLIENT NOTIFICATION/RESOLUTION Field Data Required? [ ] Yes [ ] No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Kristen Hoffberg Date: 9/25/2019

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers).

ATTACHMENT I

MONITORING WELL ABANDONMENT FORMS

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

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 #
Grant		MW-1

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: 75 South Oak Street

Well City, Village or Town	Well ZIP Code
Platteville	

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Site Closure	

2. Facility / Owner Information

Facility Name: Former Pioneer Ford
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner: City of Platteville
Present Well Owner: GenCap 71, LLC
Mailing Address of Present Owner: 6938 N. Santa Monica Blvd

City of Present Owner	State	ZIP Code
Fox Point	WI	53217

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.)
15.45'	2.00"
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
	15.45'

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

If yes, to what depth (feet)?	Depth to Water (feet)
	9.66'

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
3/8" Chipped Bentonite	Surface	15.45'	25 lbs.	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
The SIGMA Group		05/11/18

Street or Route	Telephone Number
1300 West Canal Street	(414) 643-4200

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Milwaukee	WI	53233		5/11/18

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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☒ **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 #
Grant		MW-2

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

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

Well Street Address: 75 South Oak Street

Well City, Village or Town	Well ZIP Code
Platteville	

Subdivision Name	Lot #

Reason for Removal from Service	WI Unique Well # of Replacement Well
Site Closure	

2. Facility / Owner Information

Facility Name: Former Pioneer Ford
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner: City of Platteville
Present Well Owner: GenLap 71 LLC
Mailing Address of Present Owner: 6938 N. Santa Monica Blvd.

City of Present Owner	State	ZIP Code
Fox Point	WI	53217

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.)
23.10	2.00

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
	23.10

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

If yes, to what depth (feet)?	Depth to Water (feet)
	9.86

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
3/8" Chipped Bentonite	Surface	23.10'	3B 165.	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
The Sigma Group		05/11/18

Street or Route	Telephone Number
1300 West Canal Street	(414) 643-4200

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Milwaukee	WI	53233		5/11/18

DNR Use Only

Date Received	Noted By

Comments:

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

Well / Drillhole / Borehole Filling & Sealing Report

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☒ **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 #
Grant		MW-3

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: 75 South Oak Street

Well City, Village or Town: Platteville | Well ZIP Code:

Subdivision Name: | Lot #:

Reason for Removal from Service: site closure | WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Former Pioneer Ford

Facility ID (FID or PWS):

License/Permit/Monitoring #:

Original Well Owner: City of Platteville

Present Well Owner: GenCap 71, LLC

Mailing Address of Present Owner: 6938 N. Santa Monica Blvd.

City of Present Owner: Fox Point | State: WI | ZIP Code: 53217

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.)
17.55'	2.00"
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
	17.55'

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

If yes, to what depth (feet)?	Depth to Water (feet)
	7.23

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
3/8" Chipped Bentonite	Surface	17.55'	24 lbs.	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
The Sigma Group		05/11/18

Street or Route: 1300 West Canal Street | Telephone Number: (414) 643-4200

City: Milwaukee | State: WI | ZIP Code: 53233 | Signature of Person Doing Work | Date Signed: 5/11/18

DNR Use Only

Date Received	Noted By

Comments: