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 10/21)

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 Public 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		
Gunderson	Greg		Gunderson Cleaners Inc.		
Mailing Address			City	State	ZIP Code
42 Main Street			Menasha	WI	54952
Phone # (include area code)	Fax # (include area code)		Email		
			greg.gunderson@gundersongroup.com		

The requester listed above: (select all that apply)

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

Contact Information (to be contacted with questions about this request)

☒ Select if same as requester

Contact Last Name	First	MI	Organization/ Business Name		
Lewis	Brad	K	EnviroForensics		
Mailing Address			City	State	ZIP Code
825 North Capitol Avenue			Indianapolis	IN	46204
Phone # (include area code)	Fax # (include area code)		Email		
(317) 696-7409			Blewis@enviroforensics.com		

Environmental Consultant (if applicable)

Contact Last Name	First	MI	Organization/ Business Name		
Fassbender	Wayne		EnviroForensics		
Mailing Address			City	State	ZIP Code
825 North Capitol Avenue			Indianapolis	IN	46204
Phone # (include area code)	Fax # (include area code)		Email		
(317) 696-7409			blewis@enviroforensics.com		

☒ Attorney (if applicable)

Contact Last Name	First	MI	Organization/ Business Name		
Skwierawski	Andrew		Halling & Cayo		
Mailing Address			City	State	ZIP Code
320 E. Buffalo Street, Suite 700			Milwaukee	WI	53202
Phone # (include area code)	Fax # (include area code)		Email		
(414) 271-3400			mas@hallingcayo.com		

Section 2. Property Information

Property Name	FID No. (if known)
Gunderson Cleaners	

BRRTS No. (if known)	Parcel Identification Number
0271467002	0100870000

Street Address	City	State	ZIP Code
118 High Avenue	Oshkosh	WI	54901

County	Municipality where the Property is located	Property is composed of:	Property Size Acres
Winnebago	(●) City ( ) Town ( ) Village of	(●) Single tax parcel ( ) Multiple tax parcels	0.26

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.
- [x] 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).

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 Form - Non-Emergency Only (Form 4400-225) is accessible through the RR Program Submittal Portal application. Directions for using the form and the Submittal Portal application are available on the Submittal Portal web page.

Section 7. Certification by the Person who completed this form

- ☐ I am the person submitting this request (requester)
- ☒ I prepared this request for: Gunderson Cleaners
  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  Date Signed 9/29/2023

Principal Scientist
Title

(317) 696-7409
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.

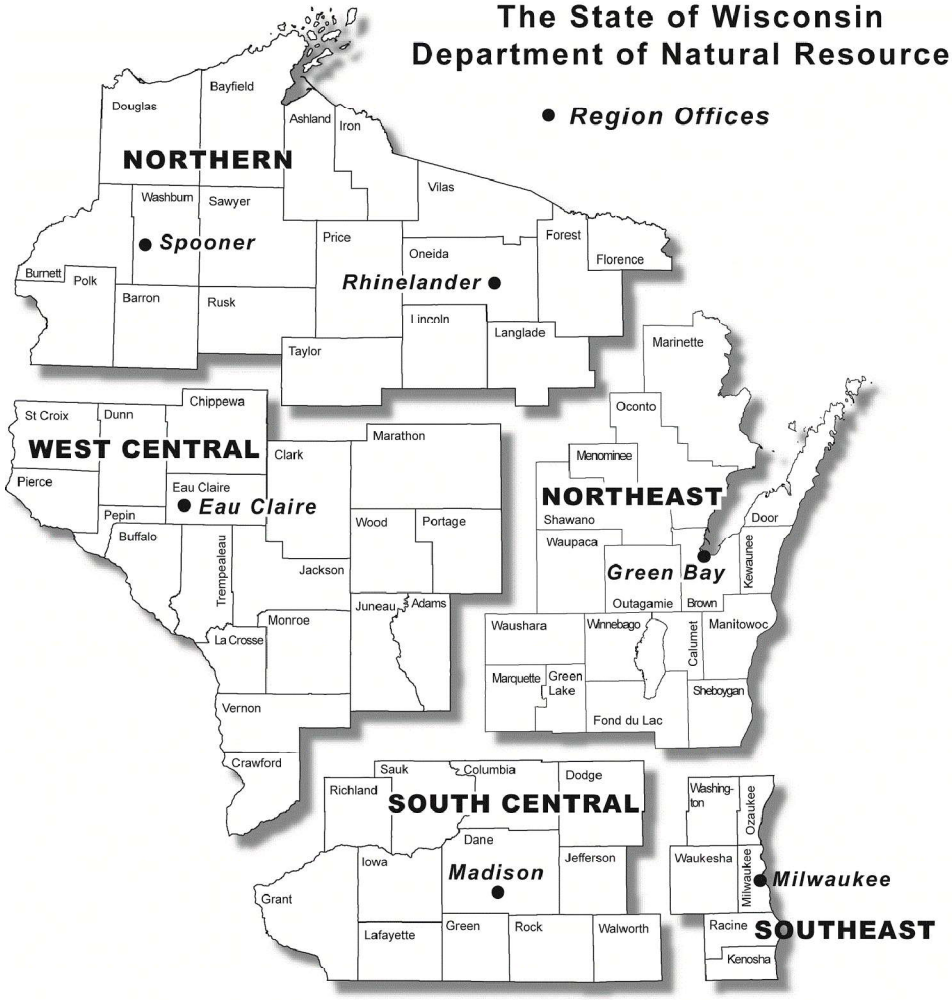
DNR NORTHERN REGION
Attn: RR Program Assistant
Department of Natural Resources
223 E Steinfest Rd Antigo, WI 54409

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
Milwaukee DNR Office
1027 West St. Paul Ave
Milwaukee WI 53233

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		

PREPARED BY
EnviroForensics, LLC

December 6, 2023

Josie Schultz
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54952

Subject: **Investigation Work Plan**
Former Gunderson Cleaners
118 High Avenue
Oshkosh, WI 54901
BRRTS# 02-71-467002

Dear Ms. Schultz:

EnviroForensics, LLC (EnviroForensics) presents this Work Plan to conduct additional site investigation activities at former Gunderson Cleaners, located at 118 High Avenue in Oshkosh, Wisconsin (Site). On behalf of the responsible party, EnviroForensics submitted an Environmental Monitoring and Assessment Status Report to the WDNR on November 18, 2022, along with a review fee and request for a technical review. The WDNR reviewed the Status Report and issued a Response to Technical Assistance Request letter dated March 2, 2023. The letter stated that "Per Wis. Admin. Code § NR 716.09(1), the DNR is requesting the submittal of a supplemental site investigation work plan within 60 days of the date of this letter, by May 1, 2023." Extensions to this original deadline were granted by the WDNR and this work plan is being submitted in response to the WDNR's March 2, 2023 request.

In its March letter, the WDNR requested the following:

- Shallow soil sampling across the source area;
- Vertical groundwater delineation near piezometer PZ-117;
- Horizontal groundwater delineation downgradient of MW-110 and MW-116;
- Investigation of potential preferential pathways;
- Further VI details related to the layout and operation of vapor mitigation systems as well as building layouts, basement construction, distance between vapor ports and exterior walls; and
- Emerging Contaminant Sampling Plan.

This further investigation work will be completed under work Phase 5.

INVESTIGATION/REMEDIATION HISTORY

A chronological summary of contamination discovery, investigation, and remedial action is detailed below, based on information available in the WDNR project file.

2000	Two soil borings were advanced along the sidewalk southwest of the Site by the WDOT as part of High Avenue reconstruction. Gasoline range organics, diesel range organics, and xylenes were detected in one sample collected from 6-8 feet bgs at concentrations above residential soil cleanup standards established at the time.
2001	Three test pits were dug along the north side of High Avenue during replacement of utilities. PID screening indicated volatile vapors in soil. The report also indicated a clay plug/dam was installed within the backfill of the sanitary sewer main in High Avenue just downstream of the lateral to 114 High Avenue (Thompson Studio). The plug was intended to prevent contaminant migration within the permeable backfill material.
2003	Subsurface contamination associated with dry cleaning solvents used at the Site was first detected in a limited Phase II Environmental Site Assessment.
July 2003	The WDNR was notified of the release and issued a responsible party (RP) letter on July 14, 2003.
April 2004	Additional site investigation activities were performed consisting of seven soil borings and soil samples. PCE and Stoddard solvent-related compounds were detected in soil samples. The samples were also analyzed for polycyclic aromatic hydrocarbons, but none were detected.
September 2004	Site investigation activities were performed consisting of 11 soil borings and the installation of seven water table monitoring wells, one (1) piezometer, and two (2) temporary wells inside the building. A sample collected from a 6-8 feet bgs in a boring north of the former dry cleaning machine location contained PCE and trichloroethene (TCE) at concentrations of 1,520 mg/kg and 152 mg/kg, respectively, indicating a release source area. Elevated concentrations of VOCs were also detected in groundwater under the building, and to the south (across High Avenue) and southeast (on the south side of the Thompson Studio building).
April 2006	Eight soil borings, four monitoring wells, and one (1) piezometer were installed to further define the extent of impacts to the north and south, including on the opposite side of High Avenue. The sanitary sewer main in High Avenue is suspected to be a main migration corridor for PCE released from an identified, off-site source located at 135 High Avenue.
August – October 2007	Grab samples of water from sumps in the former site building and the Grand theater building (100 High Avenue) were collected; two (2) monitoring well nests were installed to further define the extent of impacts in groundwater to the south and east of the Site; and sub-slab vapor samples were collected from seven (7) locations within the site building.
July 2008	Vapor intrusion assessments were conducted at the Grand, Thompson Studio, and Sparr building (103 High Avenue). The concentration of PCE in one of the Grand theater sub-slab vapor samples exceeded the current vapor risk screening level (VRSL).
February 2009	The Site Investigation Report was issued.

September 2009	Ten (10) additional soil borings were advanced, including six (6) in High Avenue and two (2) in Brown Street to evaluate subsurface impacts along preferential pathways. Based on the magnitude of PCE detected south of High Avenue, the impacts appeared to be associated with the off-site source at 135 High Avenue. Additionally, a vapor mitigation system was installed in the Thompson Studio building, consisting of a fan connected to the existing drainage system and sump. There was no vacuum response in the two permanent vapor monitoring points with the fan operating, indicating little to no pressure field extension beneath the slab.
March 2010	An Amendment to the Site Investigation Report was issued.
June – July 2011	Soil, soil gas, and grab water samples were collected from 11 locations in High Avenue and Market Street southeast of the site. An air sample was collected from the Thompson Studio building and two (2) sumps in the Grand were sampled for vapor (headspace).
June 2012	A Supplemental Investigation Results and Proposed Remedial Action report was issued.
August 2012	Soil borings were completed inside the building to define limits of hazardous waste for disposal purposes.
October 2012	The building was demolished in preparation for remediation.
October-November 2012	Remediation occurred, consisting of excavation and off-site disposal. The hot-spot soils were mixed in place with potassium permanganate to reduce concentrations to avoid hazardous waste disposal. A UST was discovered in the source area along with additional unknown sanitary laterals and two 1,000 gallon USTs near the northeast corner of the Site. These appeared to have been process tanks related to cleaning, containing PCE and/or Stoddard solvent.
November 2012 – January 2017	More soil borings were completed in the right-of-way, and post-remediation groundwater monitoring events were performed.
November 2017	Sub-slab vapor sampling was performed in the Thompson Studio, Grand theater, and Sparr buildings.
June 2021	A groundwater monitoring event was performed, and vapor intrusion monitoring was completed at Thompson Studio, Grand theater, and Sparr buildings.
November 2021	A groundwater monitoring event was conducted.
January 2022	Vapor intrusion monitoring was completed at Thompson Studio, Grand theater, and Sparr buildings.
May 2022	A groundwater monitoring event was conducted, and potential vapor migration in sanitary sewer mains north and south of the Site was assessed.
November 2022	Environmental Monitoring and Assessment Status Report was submitted to the WDNR on November 18, 2022
March 2023	The WDNR issued a Response to Technical Assistance Request. This Work Plan is in response to the WDNR request.

PHASE 5A: SHALLOW SOIL SAMPLING

The investigations completed at the site prior to the excavation work indicate that the likely source(s) of releases to the environment were from subsurface structures (sumps and vaults)

and not from surface releases. However, surface releases cannot be completely ruled out. The former site building has been demolished. During the demolition work, the basement under the southern 1/3 of the building was backfilled with clean fill brought in from off-site. Following building demolition, three soil excavations were performed in areas outside of the basement footprint. Details regarding confirmation soil sampling have recently been provided by Fehr Graham (formerly Alpha Terra). Copies of tables, figures and analytical reports for the excavation confirmatory soil sampling are provided in **Appendix A**.

These excavations removed soil from the surface down to depths ranging from 13 ft to 15ft below ground surface. According to the former consultant (Fehr Graham) these excavations were subsequently backfilled with clean soil brought in from off Site. The footprints of the backfilled basement and the backfilled excavations cover a majority of the Site. Therefore, the surface soil over most of the Site footprint is clean soil brought in from off Site. The chemical exposure risk, if any, would be to residual, impacted native soil outside these areas of backfill.

A limited area of the site still has native soil within the 0-4 ft bgs interval. It is this soil that is targeted for shallow soil sampling. Soil borings will be advanced in these areas as shown on **Figure 1**. Soil samples from the shallow 0-2 ft bgs interval and the 2-4 ft bgs interval will be collected from these boring locations. Soil samples will be collected using either Geoprobe or hand auger.

Soil samples will be collected continuously to depth in vinyl acetate sleeves using either direct-push methods or hand augering. Soil lithology will be continuously described in accordance with the Unified Soil Classification System (USCS) and recorded on boring logs. Collected soil samples will be visually inspected and the lithology described on a soil boring log. Each two foot interval will be field screened with a Photoionization (PID) detector. Samples will be collected every two (2) feet along the core and placed into two separate plastic zip-lock bags. One bag will be immediately placed on ice to preserve volatiles for laboratory analysis and the other bag will be subject to ambient temperatures above 65 degrees Fahrenheit to allow volatiles to collect within the headspace of the bag. The heated bag will be screened for volatiles using a photoionization detector (PID). The tip of the PID will be poked through the side of the plastic bag to allow screening of the headspace. Regardless of PID readings samples will be collected from the 0-2 and 2-4 ft interval. Soil sampling will be conducted consistent with SW 846 5035 sampling methodology.

Soil samples will be submitted to Synergy Laboratory in Appleton, Wisconsin. Submitted samples will be analyzed for volatile organic compounds (VOCs) using SW 846 Method 8260 methodology. Detections of VOC compounds will be compared to WDNR RCLs for direct contact.

Utility Marking

The subsurface activities described in this Work Plan have the potential to impact subsurface utility lines. In accordance with safe work practices and as required by state law, EnviroForensics will contact Wisconsin Digger's Hotline subsurface utility protection service at least 72 hours prior to the anticipated onset of subsurface work at the Site. EnviroForensics will also contract with a private underground utility locating service to provide additional confidence regarding the position of potential underground hazards at the drilling locations.

PHASE 5B: MONITORING WELL INSTALLATION

To meet the WDNR demands for horizontal delineation of groundwater impacts and to evaluate the potential for PFAS in groundwater, monitoring wells will be installed and sampled. Locations of the proposed monitoring wells are provided on **Figure 2**. The rationale for the placement is provided below.

Vertical Groundwater Delineation

Vertical delineation at the PZ-117 location is not warranted. Four sets of nested wells have been installed surrounding the Site. At each of these locations a groundwater monitoring well screened in the shallow zone is paired with a piezometer screened at a deeper depth. These well nests include:

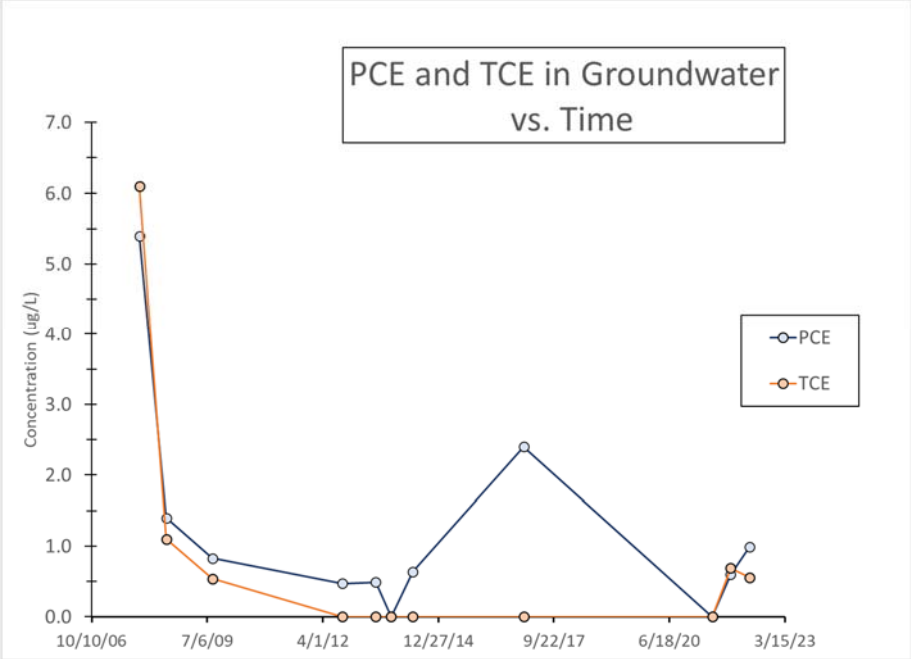
- MW-114 (screened 8.0-18.0) and PZ-115 (screened 31.1-36.1 ft)
- MW-106 (screened 6.4-16.4 ft) and PZ-107 (screened 30.6-35.6 ft)
- MW-104 (screened 6.3-16.3 ft) and PZ-111 (screened 30.6-35.6 ft)
- MW-116 (screened 6.9-16.9 ft) and PZ-117 (screened 30.8-35.8 ft)

Historically, groundwater concentrations from the deeper screened piezometers at PZ-115, PZ-107, and PZ-111 have been below both the enforcement standard (NR 140.10) and the preventative action limit (NR 140.10). This would indicate that the finer grained, less conducive soil at depth is limiting the vertical distribution of groundwater impacts. Only at the location of monitoring well MW-116 are impacts above enforcement standards seen in the deeper zone screened by piezometer PZ-117. The concentrations of the parent product (PCE and TCE) in the deeper screened piezometer are orders of magnitude less than in the shallow zone. Concentrations of breakdown products are slightly higher in the deep screened piezometer. This suggests that the deeper unit is more favorable for reductive dechlorination.

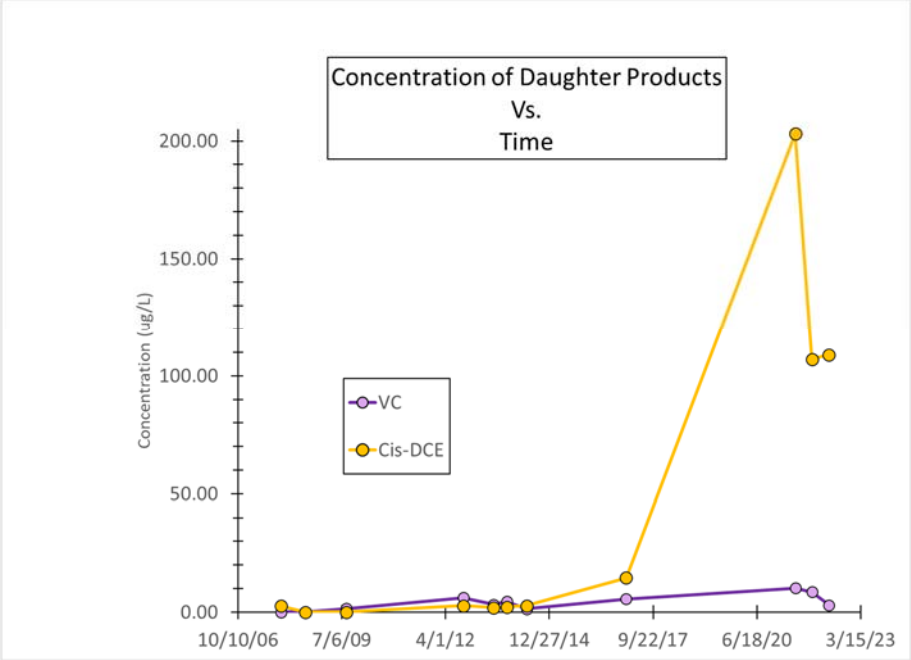
Contaminant	MW-116 (6.9-16.9 ft) ug/L	PZ-117 (30.8-35.8 ft) ug/L
Tetrachloroethene	1,370	0.99
Trichloroethene	17	0.56
Cis-1,2-Dichloroethene	64	109
Vinyl Chloride	7.2	2.97
1,1 Dichloroethene	<4.3	16.2

Piezometer PZ-117 is screened from 30.5 to 35.5 ft in what has been described as clay. This piezometer does not readily produce water and can be bailed dry. To delineate vertically from this point means getting at least 10 to 20 ft of separation between the bottom of PZ-117 well screen (35 ft) and the top of the installed vertical delineation well. Bedrock maps of the area (**Attachment B**) and evidence of crushed dolomite in the boring log of PZ-117 indicate that bedrock will be encountered and separation in the overburden will not be achievable. The effort and cost (> $25,000) of bedrock drilling is not warranted given the low concentrations at 35.5 ft, the absence of an exposure pathway (area supplied with City water), and the concentrations trends described below.

The graph of the concentration of the parent products PCE and TCE do not indicate a source of continuing vertical migration. If anything, the graph indicates some impacts have historically migrated vertically and are now breaking down under reduced conditions as is evident in the graphs below. There is no evidence of on-going vertical migration.



Inset 1 PZ-117 PCE and TCE in Groundwater



Inset 2 PZ-117 Cis DCE and VC Conc. in Groundwater

Between the cohesive nature of the soil in the 30 ft zone and the apparent on-going contaminant breakdown, the horizontal and vertical migration of PCE and its daughter products within this depth zone, if any, is very limited and the need for further vertical delineation neither practical or warranted. If future groundwater monitoring at this piezometer indicates increasing trends of cVOC parent products (PCE or TCE) or indicates on-going vertical migration, the need for vertical delineation can be re-visited.

Horizontal Delineation

The WDNR has requested horizontal delineation downgradient of MW-110 and MW-116. The purpose of this work is two-fold:

1) verify that contamination does not reach any receptors; and
2) identify properties that may require institutional controls to prevent future exposures.

Based on historical groundwater flow to the south, one boring is proposed in the right of way for the property at 110 Pearl Avenue. This location is directly down gradient of MW-110 and MW-116. A second boring will be installed in the right-of-way near 50 Pearl Street to delineate the cross-gradient extent of impacts from MW-110 and MW-116. The proposed well locations are shown on **Figure 2**.

Proposed Well	Location	Rationale
MW-118	Located directly downgradient of the highest off-site concentration in groundwater. Located on the next property downgradient of known impacts.	Delineates the downgradient extent of groundwater impacts. Evaluates whether institutional controls are needed on property down-gradient of known impacts.
MW-119	Located cross gradient of the highest off-site impacts.	This location provides information on the cross-gradient extent of impacts. This location evaluates whether utility lines carried impacts further southeast (cross gradient).

These proposed monitoring wells will screen the upper water bearing zone, similar to other shallow monitoring wells on the Site, since this is the zone of highest concentrations and mobility.

Access Coordination

EnviroForensics will consult with City of Oshkosh officials for permission to work in the public right-of-ways. Permit applications for street access and occupancy will be completed and submitted.

Well Installation

A Geoprobe soil boring will be completed to a depth of around 20 ft to log soil lithology and identify zones on water saturation. The boring will then be over-drilled using a 4 1/4-inch inner diameter hollow-stem auger (HSA) to facilitate well installation. The HSA will be advanced to the depth of the well (around 16 ft) and the monitoring well will be constructed within the augers as they are removed. The well will consist of 2-inch diameter polyvinyl chloride (PVC) and have a well screen that is ten feet long with 0.010-inch factory cut slots. The screen will be positioned to intersect an upper water bearing zone. The filter pack, filter pack seal, and annular space seals will be constructed according to the standards presented in Wisconsin Administrative Code, Chapter NR 141. Expandable locking caps and locks will be placed on each well. Traffic-rated flush-mount well boxes set in concrete will be installed to protect the wells.

Upon completing the installation of the new monitoring wells, a licensed surveyor will record the elevation and location of each monitoring well by standard surveying methods. A vertical elevation survey will be conducted to establish the elevation of each monitoring well above mean sea level (amsl). The horizontal and vertical grid coordinates of each monitoring well will be recorded to within 0.5 foot and 0.01 foot, respectively. Horizontal coordinates will be referenced to the State Plane Coordinate System.

Well Development

The newly installed monitoring wells will be developed in accordance with the procedures and requirements detailed in WAC Chapter NR 141. The wells will be surged with a surge block and pumped during the development process to remove fines from the sand pack until the water runs clear or 10 well volumes are removed. If the monitoring well(s) can be purged dry, the well(s) will be surged and then slowly purged dry using a disposable bailer(s). Non-dedicated development equipment will be decontaminated between each monitoring well. Development water will be temporarily stored in drums pending appropriate disposal.

PHASE 5C: GROUNDWATER MONITORING EVENT

EnviroForensics proposes to conduct a groundwater monitoring event that includes depth to water measurements and sample collection from all new and existing monitoring wells. The current monitoring network will consist of twelve (12) water table wells (MW-102 through MW-116) and four (4) piezometers (PZ-107, PZ-111, PZ-115, and PZ-117). As described above, there will be two (2) new water table wells (MW-118, 119) installed during the implementation of this work plan.

Well caps will be removed at least 15 minutes prior to water level measurements to allow groundwater in the monitoring well to equilibrate with the atmospheric pressure. The depth to water in each well will be measured to the nearest 0.01 of a foot using an electronic sounding device and recorded on sampling forms prior to sample collection activities.

EnviroForensics anticipates groundwater purging and sampling using standard low-flow methods. If low-flow methods are not suitable due to limited recharge rates, purging and sampling will be completed using new, disposable bailers. Field parameters including pH, specific conductivity, temperature, oxidation-reduction potential (ORP), and dissolved oxygen (DO) will be measured during purging and recorded on a field sampling form. Wells that purge dry will be allowed to recharge prior to sample collection.

Groundwater samples will be transferred directly into laboratory-provided containers containing hydrochloric acid preservative and placed into a cooler with ice. Samples will be submitted under appropriate chain-of-custody procedures to a state-certified laboratory for analysis of VOCs according to U.S. EPA SW Method 8260. For quality assurance/quality control (QA/QC) purposes, duplicate and equipment blank samples will be collected at a frequency of one (1) sample per ten (10) investigative samples during each monitoring event. Purge water will be temporarily stored in drums.

In addition to VOCs, four monitoring wells will be sampled for PFAS as discussed below.

PFAS SAMPLING (PHASE 5C ALSO)

The WNDR has requested the site be screened for PFAS substances. Samples will be collected from the following monitoring points, shown on the attached **Figure 3**:

- MW-109;
- South Sump;
- MW-116; and

These monitoring locations provide broad coverage across the zone affected by the dry-cleaning solvent plume(s). If PFAS contamination is present in groundwater, the distribution can be expected to mimic the solvent plume assuming the same mechanisms for release to the subsurface. EnviroForensics believes sample collection from these three monitoring points is sufficient to identify potential PFAS impact. The sample locations are described in the table below:

Well to be sampled	Location	Reason for well
South Sump	(B on Map) Former on-Site Source area	Site Source Area
MW-116	(C on Map) Parking lot south of High Avenue	Downgradient Highest PCE concentration
MW-109	(D on Map) Parking lot north of Site	Hydraulically Upgradient

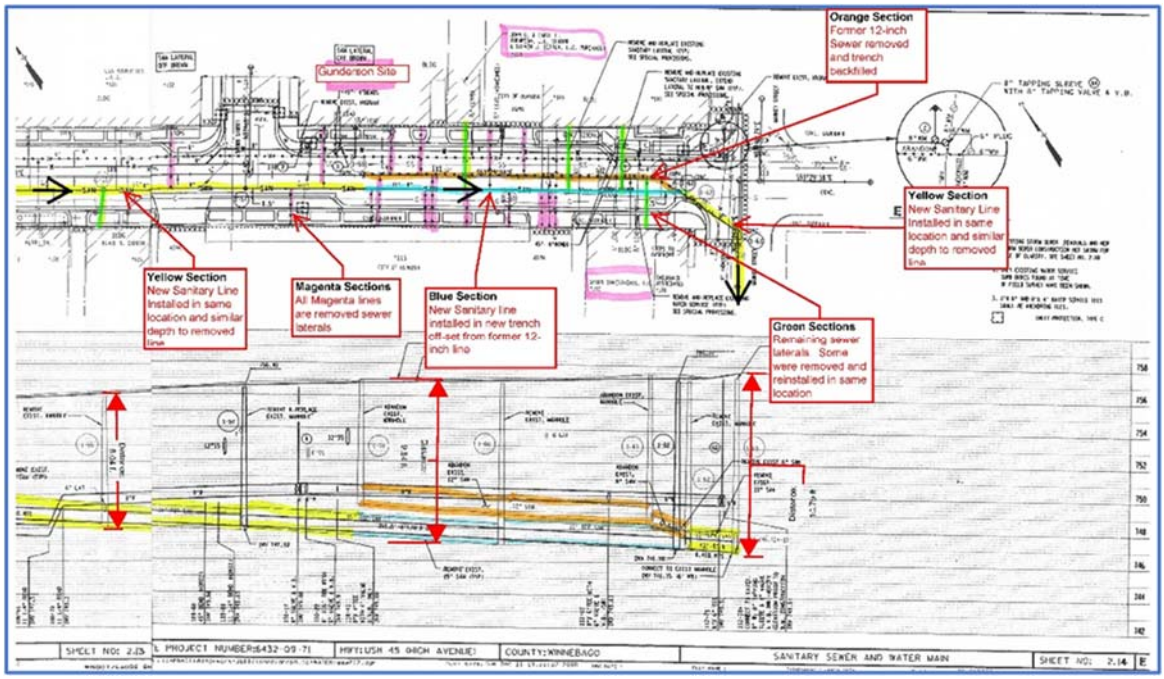
Groundwater sampling for PFAS analysis will be performed according to EnviroForensics standard operating procedure (SOP), presented in **Attachment C**. Purging and sampling of the PFAS designated points will be performed by bailer. A PVC bailer with non-PFAS string will be used at each monitoring well. Per the SOP and standard industry practice, sampling will be done by a two-person team. Groundwater samples will be transferred directly into laboratory-provided HDPE containers and placed into a cooler with ice. The following will be collected for quality assurance/quality control (QA/QC) purposes: one (1) duplicate sample, one (1) equipment blank (PFAS free water passed through a clean bailer), and one (1) field blank (PFAS free water exposed to the atmosphere at the Site).

Samples will be submitted under appropriate chain-of-custody procedures to an ALS Laboratory in Holland, MI, which has been granted PFAS certification in the state of Wisconsin. The samples will be analyzed for the 33 compounds on the current WDNR PFAS list (https://dnr.wisconsin.gov/sites/default/files/topic/PFAS/LabUpdate20210301.pdf) according to a modified EPA 537 procedure (EPA 537M).

PHASE 5D: PREFERENTIAL PATHWAY INVESTIGATION

The Site had dry cleaning operations from approximately the 1940s through the mid-1980s. In addition to the Site, a dry cleaner and former canvas tent and awning manufacturer (135 High Avenue) operated during the period from the early 1900's to the 1960s. One soil boring (GP-14) installed near the sewer lateral at 135 High Avenue had high concentrations of PCE in soil. There is evidence that the former sewer may have acted as a preferential pathway for contaminant migration. In 2001, this sewer system was replaced. The City of Oshkosh provided information regarding the removal and reinstallation of the sanitary sewers along High Avenue. According to the City, the former sewer was removed and no portions of it were abandoned in place. West of the Gunderson Site the new 15-inch sanitary sewer was installed in the same

utility trench as the former sewer and at a similar depth. The City estimates that the former fill material was removed and replaced. In front of the Gunderson site the existing 12-inch sanitary was removed from the center of the road and backfilled. The new 15-inch sanitary line was installed off-set to the south. At Market Street the new sanitary line again followed the same path and similar depth of the old, removed line. During this utility work most of the former laterals that were no longer in service were removed. The laterals to the Opera House and the Sparr Building were removed and replaced.



The City could not locate information regarding whether the sewer line in the alley north of the former Gunderson Site had been replaced. The City was able to find information regarding the abandonment of one sewer manhole in the alley north of the Gunderson site. A detailed maps provided by the City and highlighted by EnviroForensics are provided in **Attachment D**.

The new sanitary sewer line within High Street was constructed with clay dams (see figure in **Attachment E**) within the pipe chase backfill to mitigate the potential for the new sewer to act as a pathway for contaminant migration. The potential for the new sewer utility to continue to act as a preferential pathway is low based on:

- The cessation of solvent use at the Site and the off-Site property at 135 High Ave;
- The removal and replacement of the former sewer line and backfill;
- The soil contaminant reduction that has been completed on Site; and
- The installation of clay dams within the backfill of the new sewer line.

The old sewer line was completely removed, and the new sewer line is installed within clean backfill material. Therefore, soil sampling near the conduit will not provide useful data. The primary contaminant migration pathway would be the movement of contaminant vapors in the surrounding fill or where the pipe intersects the water table through groundwater in the fill.

Preferential pathway assessment will be performed in a stepwise fashion. The Opera House and the Sparr Building have been ruled out for VI pathway; therefore, evaluation of the preferential pathway will concentrate on buildings further downstream, with regard to sewer flow, from these structures. Preferential pathway study areas are highlighted on **Figure 4**.

The sewer line within High Street (south of Site) flows east toward Market Street. At Market Street the line turns and flows south. We propose the following scope of work to evaluate this potential preferential pathway. Notify public utility locating services and a private utility locating service to identify the location of the sanitary sewer along Market Street. Once identified, perform soil borings to collect a grab groundwater and a soil gas sample. The soil boring will be placed close to the sanitary line but at **least** 3 ft off to ensure not damaging the line.

The sewer conduit in the alleyway north of the Site flows toward the east. Where the alleyway meets Market Street, the conduit heads southeast at a 45 degree angle, then goes beneath the Opera House Square Park. We propose the following scope of work to evaluate this potential preferential pathway. Notify public utility locating services and a private utility locating service to identify the location of the sanitary sewer between the alleyway and beneath the City park. Once identified, perform soil borings to collect grab groundwater and a soil gas sample. The soil boring will be placed close to the sanitary line but at **least** 3 ft off to ensure it does not damage the line.

At both the Market Street location and the City Park location, soil samples will be collected continuously to depth in vinyl acetate sleeves using direct-push methods. Soil lithology will be continuously described in accordance with the Unified Soil Classification System (USCS) and recorded on boring logs. Soil samples will be visually inspected, and the lithology described on a soil boring log. Each two-foot interval will be field screened with a Photoionization (PID) detector. Once the water table has been encountered a grab groundwater sample will be collected. The grab groundwater samples will be submitted to Synergy Laboratory in Appleton, Wisconsin. Submitted samples will be analyzed for volatile organic compounds (VOCs) using SW 846 Method 8260 methodology. Detections of VOC compounds will be compared to WDNR RCLs for direct contact.

Once grab groundwater samples have been collected, the drill rig will be off set a few feet and new borings completed for soil gas sampling. The borings will be advanced to the depth of the sanitary sewer. Vapor samples will be collected through dedicated Teflon®-lined polyethylene post run tubing connected to the soil gas vapor port. The sampling train consisting of a stainless-steel tee with valves and the 1-liter stainless steel summa canister will be put under negative pressure to verify that it was leak free. A graduated syringe will be utilized to purge air from the downhole tubing prior to initiating sample collection. Following purging, vapors beneath the ground will be drawn from the end of the tubing into a batch certified 1-Liter stainless steel sample canister fitted with laboratory supplied regulators that allowed a flow rate of approximately 200 milliliters per minutes (mL/min). Initial and final pressure readings will be collected from each sample canister. The samples will be submitted to EnvisionAir, under appropriate chain-of-custody procedures, for analysis of VOCs via the U.S. EPA Method TO-15.

FURTHER VI DETAILS

The WDNR has requested additional information on the mitigation status of three off-site properties. Further VI details will be provided to the agency within the report generated from implementation of this work plan. However, some preliminary information is provided below. There have been three buildings evaluated for vapor intrusion. These buildings include:

- Thompson Building;
- Sparr; and
- Opera House.

Thompson Building

Of these three buildings, only the Thompson Studio building has a subslab depressurization system installed. The WDNR has requested additional information regarding the layout of this system. The Thompson Studio appears to have had drainage pipes under the building slab that drained to a sump located in an outside stairwell on the north side of the building. While the pipes can be seen entering the sump, their location under the building is unknown. These pipes were likely installed to prevent infiltration of rainwater from around the basement floor slab and walls into the basement. The sump was fitted with a sealed lid that has a vapor extraction pipe connected to a blower fan. This system imparts a negative pressure within the basement draining system.

The WDNR was inquiring about the location of the subslab vapor monitoring points within the Thompson building. The location of the subslab points in relation to the building footprint are shown on a drawing from field notes which is provided in **Attachment F.** The distance from the

walls of the building is somewhat irrelevant given the presence of an operating SSDS system and the narrow width (18 ft) of the building. During the planned field work at the site, we will access the Thompson Studio building and do a visual inspection and take photographs of the existing SSDS system, existing subslab points and building construction details. These details will be provided in the forthcoming comprehensive Site Investigation Report (SIR).

Opera House Vapor Intrusion (100 High Ave.)

Both of these buildings have been evaluated for vapor intrusion and have been discussed for possible mitigation. In the May 2009 Alpha Terra scope of work they state the following for the Opera House:

> *The Opera House basement was remodeled in 1984, and the concrete floor in the basement is in good condition. Two separate powered venting systems will be installed under the Opera House, a north system and a south system. The system will include two borings that will be drilled through the cement floor of the Opera House basement and be connected via pipes to an exterior-mounted fan. A total of four floor penetrations separated by approximately 15 to 20 feet will be advanced along the western wall, and two separate fans will be installed.*

The scope of work went on to describe the proposed system in detail. However, during Opera House renovations, it was determined by Krueger Engineering that the basement concrete was lying directly on native clays with no aggregate below it. It was concluded not to install a subslab depressurization system, based on the presence of field stone walls, the absence of elevated concentrations in indoor air, and the likely limited effectiveness of venting the space beneath the basement floor.

The WDNR was inquiring about the location of the subslab points within the Opera House building. The location of the subslab points in relation to the building footprint are shown on a drawing from field notes which are provided in **Attachment G.** During the planned field work at the site, we will access the Opera House building and do a visual inspection and take photographs of the existing subslab points and building construction details. These details will be provided in the forthcoming SIR report.

The paired VI sampling has been conducted at the Opera House in 2008, 2017, 2021 and 2022. The last three (3) sampling events did not reveal concentration of cVOCs in indoor air and did not reveal concentrations in subslab above the Small Commercial Vapor Risk Screening Levels. Vapor intrusion does not appear to be an exposure risk and there is no need for future mitigation.

Sparr Building Vapor Intrusion (103 High Ave.)

The WDNR inquired about the location of the subslab points within the Sparr Building. The location of the subslab points in relation to the building footprint are shown on a drawing from field notes which are provided in **Attachment H.** During the planned field work at the site, we will access the Sparr building and do a visual inspection and take photographs of the existing subslab points and building construction details. These details will be provided in the forthcoming SIR report.

The paired VI sampling was conducted at the Sparr Building in 2008, 2017, 2021 and 2022. The last four (4) sampling events did not reveal concentration of cVOCs in indoor air and did not reveal concentrations in subslab above the Small Commercial Vapor Risk Screening Levels. Vapor intrusion does not appear to be an exposure risk and there is no need for future mitigation.

Investigation-Derived Media Management

Investigation-derived media (IDM) will consist of soil cuttings and groundwater generated during well development and purging prior to sample collection. Soil cuttings will be placed in 55-gallon steel drums. One (1) composite soil sample will be collected for profiling. Groundwater will be staged in 300-gallon plastic totes or 55-gallon drums as appropriate. Samples will be collected directly from the totes for characterization and profiling. Based on the concentrations of contaminants detected in previous soil and monitoring well samples, EnviroForensics anticipates that all IDM will be characterized as non-hazardous. A licensed contractor will be retained to transfer the IDM off-site for proper disposal.

Data Evaluation

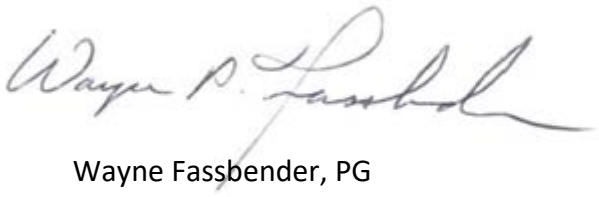
The soil and groundwater data will be evaluated, summarized, and compared to regulatory standards as laboratory results are received. Data summary tables and preliminary figures will be generated for discussion with project stakeholders. Further data analysis and interpretation will be incorporated into future work plans, as needed, and into a SIR report to be prepared at the conclusion of this investigation.

The SIR report will also include details on both the construction and layout of subslab vapor points in the Thompson Studio, Opera House and the Sparr buildings. Information from the City about the removal/decommissioning of the former sewer line, if any is available, will also be included. The WDNR has requested documentation relating to the previous remedial action. The previous consultant will be contacted to determine what, if any, documentation is available.

This Work Plan addresses the comments from the WDNR and the data gained will be incorporated into the Conceptual Site Model (CSM). If you have any questions or require additional information, please do not hesitate to contact us at (317) 696-7409 or blewis@enviroforensics.com, wfassbender@enviroforensics.com.

Sincerely,
EnviroForensics, LLC

Brad K. Lewis, CHMM
Senior Project Manager



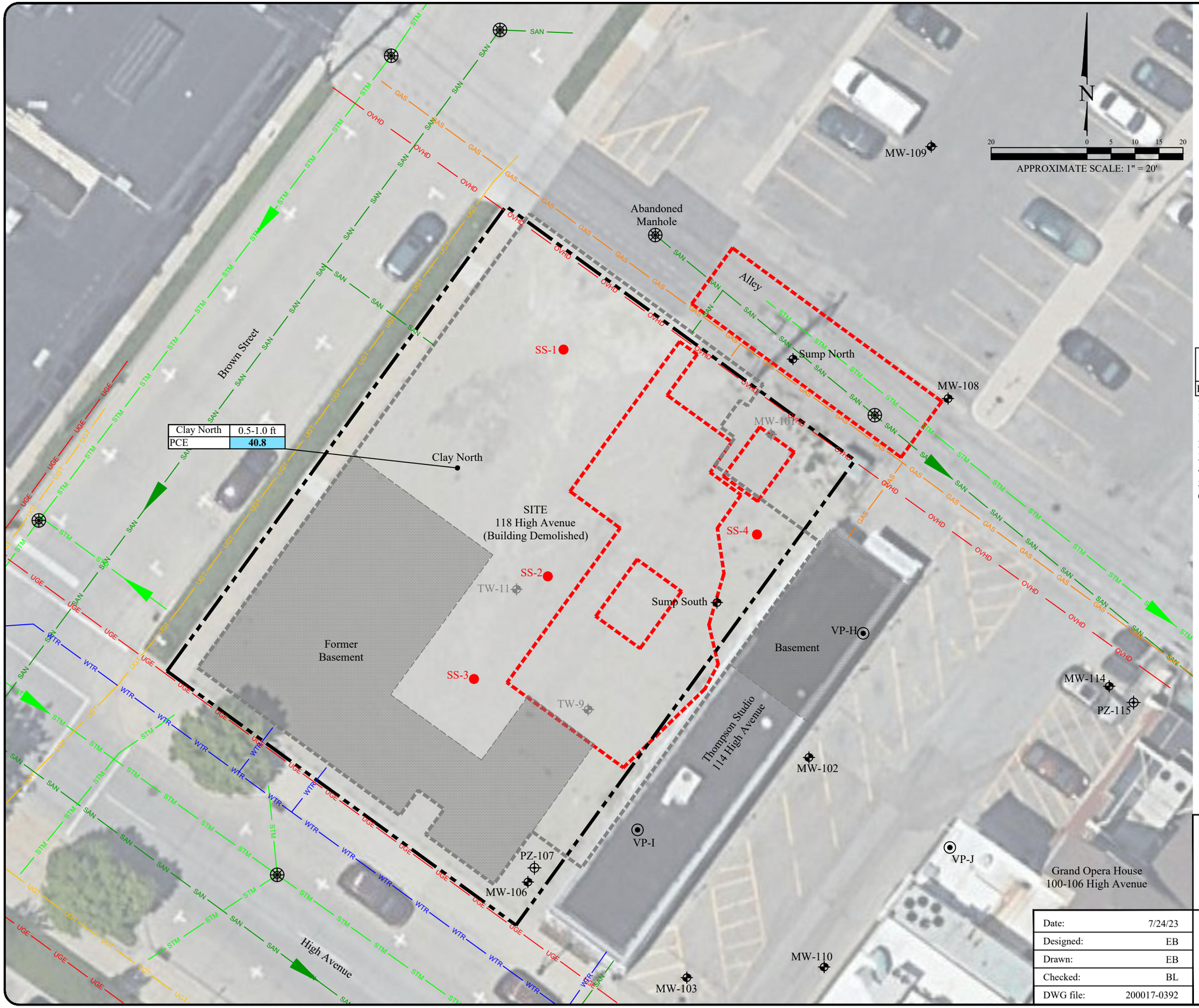
Wayne Fassbender, PG
Senior Project Manager

Figure 1: Shallow On-Site Soil Borings
Figure 2: Proposed Monitoring Well Locations
Figure 3: Groundwater Sampling Locations for PFAS

Attachment A: Excavation and Confirmatory Soil Sampling Information
Attachment B: Bedrock Surface Map
Attachment C: PFAS SOP
Attachment D: City Provided Sewer Replacement Maps
Attachment E: Utility Map with Clay Dams
Attachment F: Thompson Studio Subslab Location Points
Attachment G: Opera House Subslab Location Points
Attachment H: Sparr Building Subslab Vapor Points

Copy:
Mr. Andrew Skwierawski, Halling & Cayo

FIGURES



Legend

- Property boundary
- Former building
- GAS — Underground gas utility line
- WTR — Underground water utility line
- SAN — Underground sanitary utility line (Flow)
- UGT — Fiber optics line
- STM — Underground storm utility line (Flow)
- OVHD — Over head electrical utility line
- UGE — Underground electrical utility line
- Approximate Excavation areas (By Others)
- Manhole
- MW-10 — Monitoring well
- TW-10 — Temporary monitoring well
- PZ-107 — Piezometer
- VP-H — Sub-slab vapor sample port
- MW-101 — Former monitoring well
- SS-1 — Proposed shallow soil sample
- Clay North — Surface soil sample (By Others)

Analyte	Soil to Groundwater Residual Contaminant Level	Residential Residual Contaminant Level	Industrial Residual Contaminant Level
PCE	**4.5**	**30,700**	**153,000**

Note:
1. Bolded and blue shaded values exceed the Soil to Groundwater Residual Contaminant Level
2. Bolded values are above detection limits
3. Samples analyzed using EPA SW-846 Method 8260
4. All results reported in units of micrograms per liter (µg/L)
5. PCE = Tetrachloroethene
6. VOCs = Violate Organic Compounds

SHALLOW SOIL SAMPLING

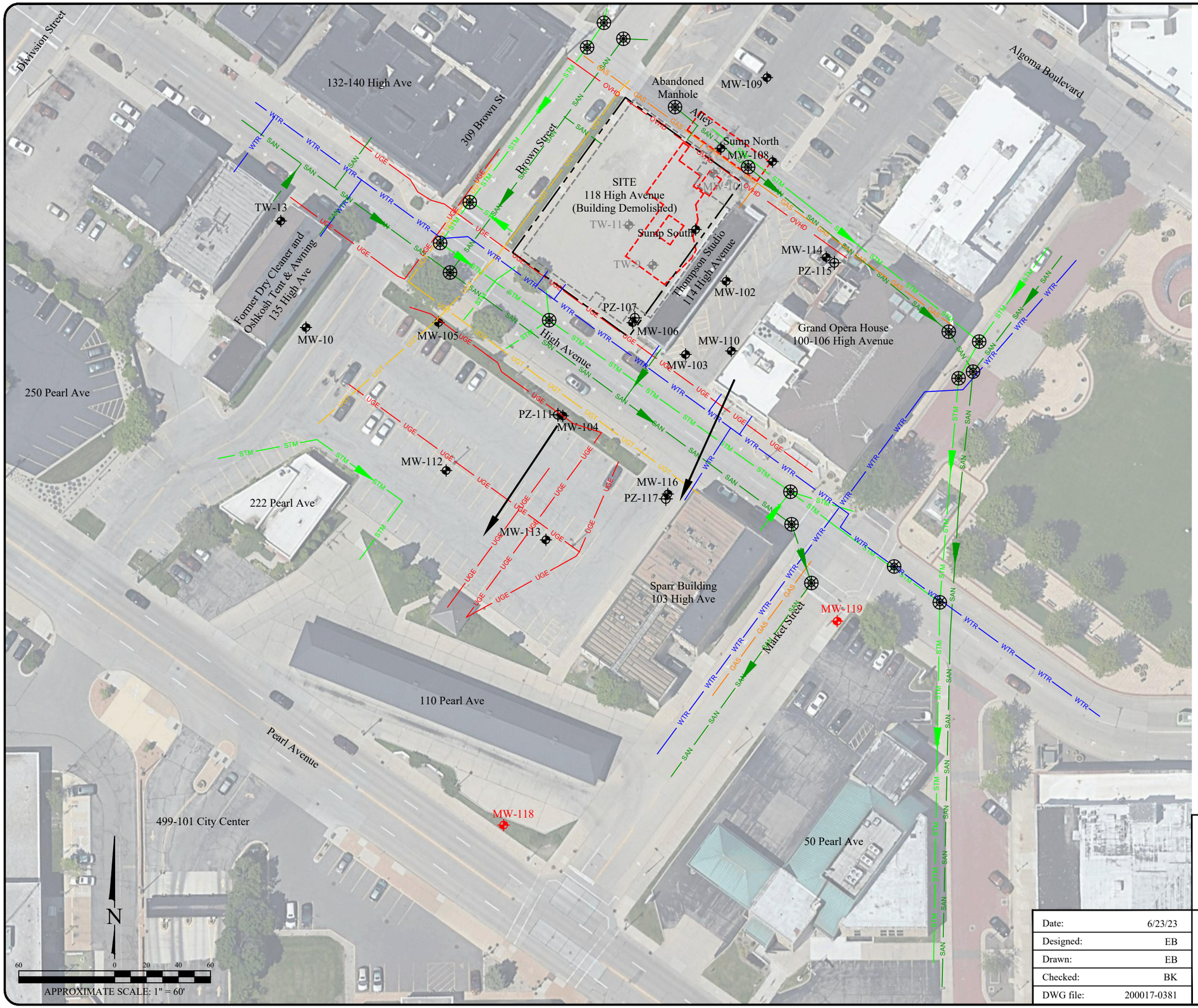
Former Gunderson Cleaners
118 High Avenue
Oshkosh, Wisconsin

Date:	7/24/23
Designed:	EB
Drawn:	EB
Checked:	BL
DWG file:	200017-0392

ENVIRO forensics
825 North Capitol Avenue • Indianapolis, IN 46204
EnviroForensics.com

Figure 1

Project 200017



Legend

- Property boundary
- Former building
- GAS — Underground gas utility line
- WTR — Underground water utility line
- SAN — Underground sanitary utility line (Flow)
- UGT — Fiber optics line
- STM — Underground storm utility line (Flow)
- OVHD — Over head electrical utility line
- UGE — Underground electrical utility line
- Approximate Excavation areas (By Others)
- Manhole
- MW-10 — Monitoring well
- TW-10 — Temporary monitoring well
- PZ-107 — Piezometer
- MW-101 — Former monitoring well
- MW-118 — Proposed monitoring well
- Approximate groundwater flow direction

PROPOSED MONITORING WELL LOCATIONS

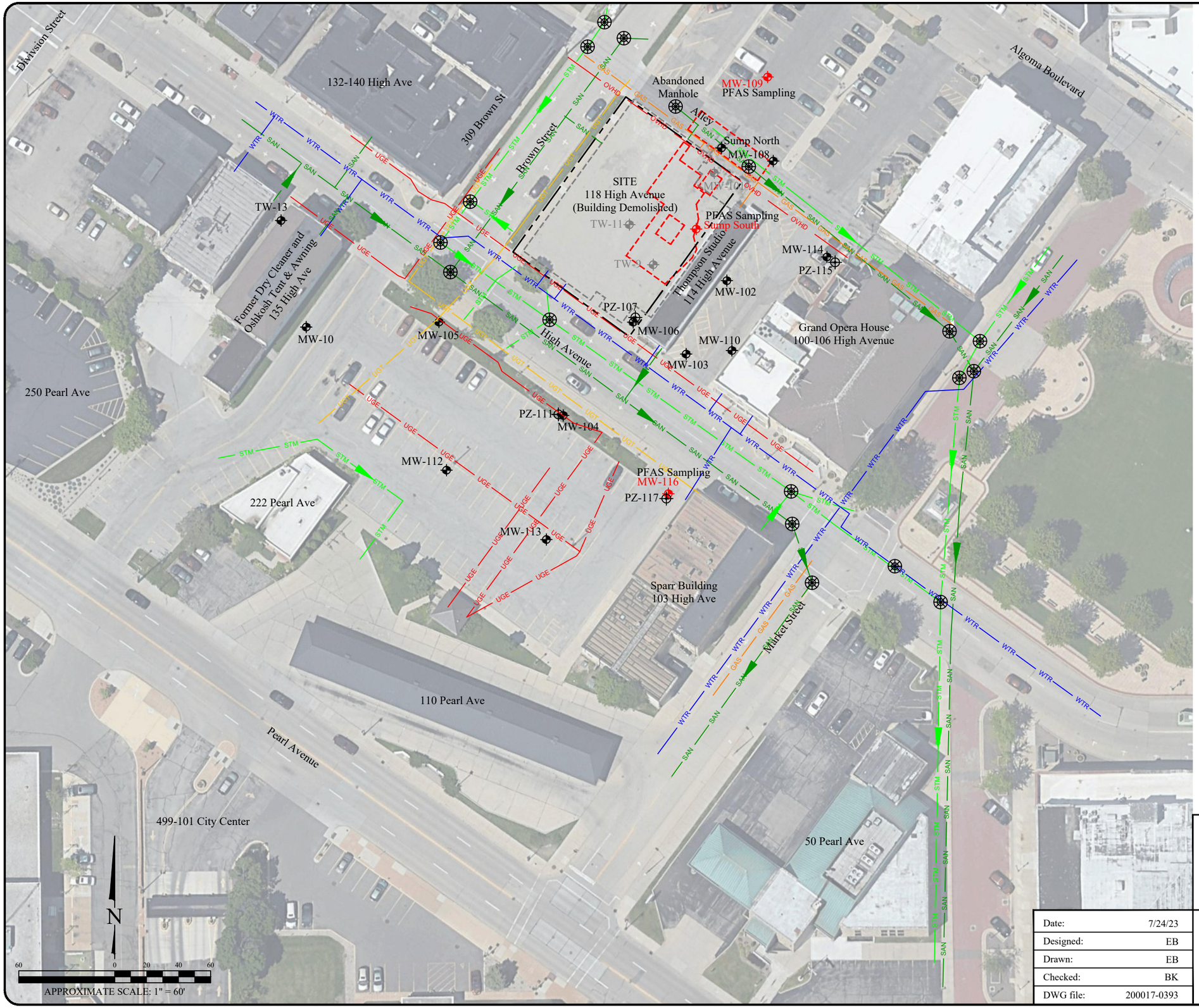
Former Gunderson Cleaners
118 High Avenue
Oshkosh, Wisconsin

Date:	6/23/23
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	200017-0381

ENVIRO forensics
825 North Capitol Avenue • Indianapolis, IN 46204
EnviroForensics.com

Figure 2

Project 200017



Legend

- Property boundary
- Former building
- GAS — Underground gas utility line
- WTR — Underground water utility line
- SAN — Underground sanitary utility line (Flow)
- UGT — Fiber optics line
- STM — Underground storm utility line (Flow)
- OVHD — Over head electrical utility line
- UGE — Underground electrical utility line
- Approximate Excavation areas (By Others)
- Manhole
- MW-10 — Monitoring well
- TW-10 — Temporary monitoring well
- PZ-107 — Piezometer
- MW-101 — Former monitoring well
- MW-118 — Proposed PFAs groundwater sampling locations

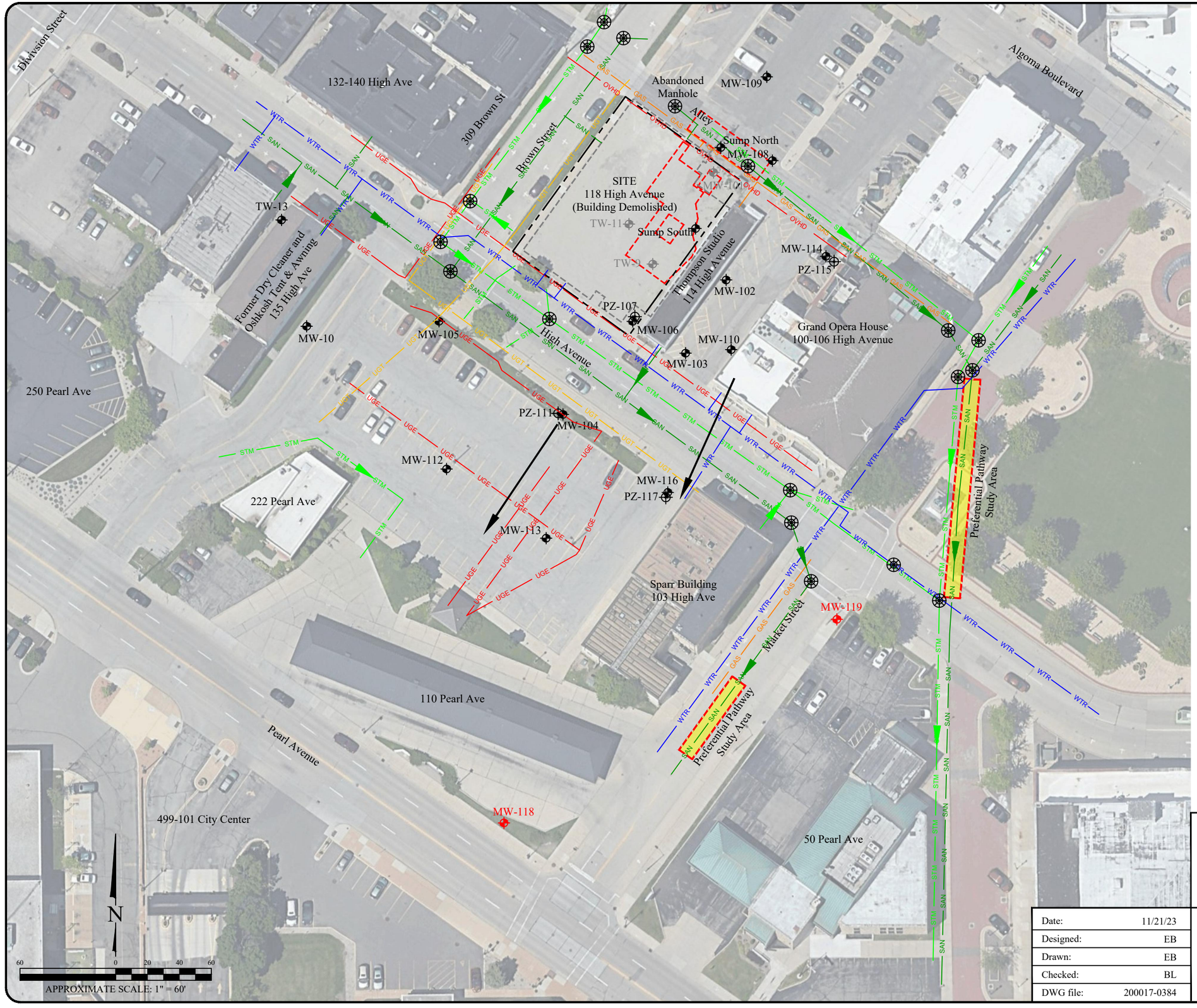
PFAS SAMPLING LOCATIONS

Former Gunderson Cleaners
118 High Avenue
Oshkosh, Wisconsin

Date:	7/24/23
Designed:	EB
Drawn:	EB
Checked:	BK
DWG file:	200017-0393

ENVIRO forensics
825 North Capitol Avenue • Indianapolis, IN 46204
EnviroForensics.com

Figure
3
Project
200017



Legend

- Property boundary
- Former building
- GAS — Underground gas utility line
- WTR — Underground water utility line
- SAN — Underground sanitary utility line (Flow)
- UGT — Fiber optics line
- STM — Underground storm utility line (Flow)
- OVHD — Over head electrical utility line
- UGE — Underground electrical utility line
- Approximate Excavation areas (By Others)
- Manhole
- MW-10 — Monitoring well
- TW-10 — Temporary monitoring well
- PZ-107 — Piezometer
- MW-101 — Former monitoring well
- MW-118 — Proposed monitoring well
- Approximate groundwater flow direction

PREFERENTIAL PATHWAY STUDY AREA

Former Gunderson Cleaners
118 High Avenue
Oshkosh, Wisconsin

Date:	11/21/23
Designed:	EB
Drawn:	EB
Checked:	BL
DWG file:	200017-0384

ENVIRO forensics
825 North Capitol Avenue • Indianapolis, IN 46204
EnviroForensics.com

Figure 4

Project 200017

ATTACHMENT A
EXCAVATION SOIL SAMPLING DATA

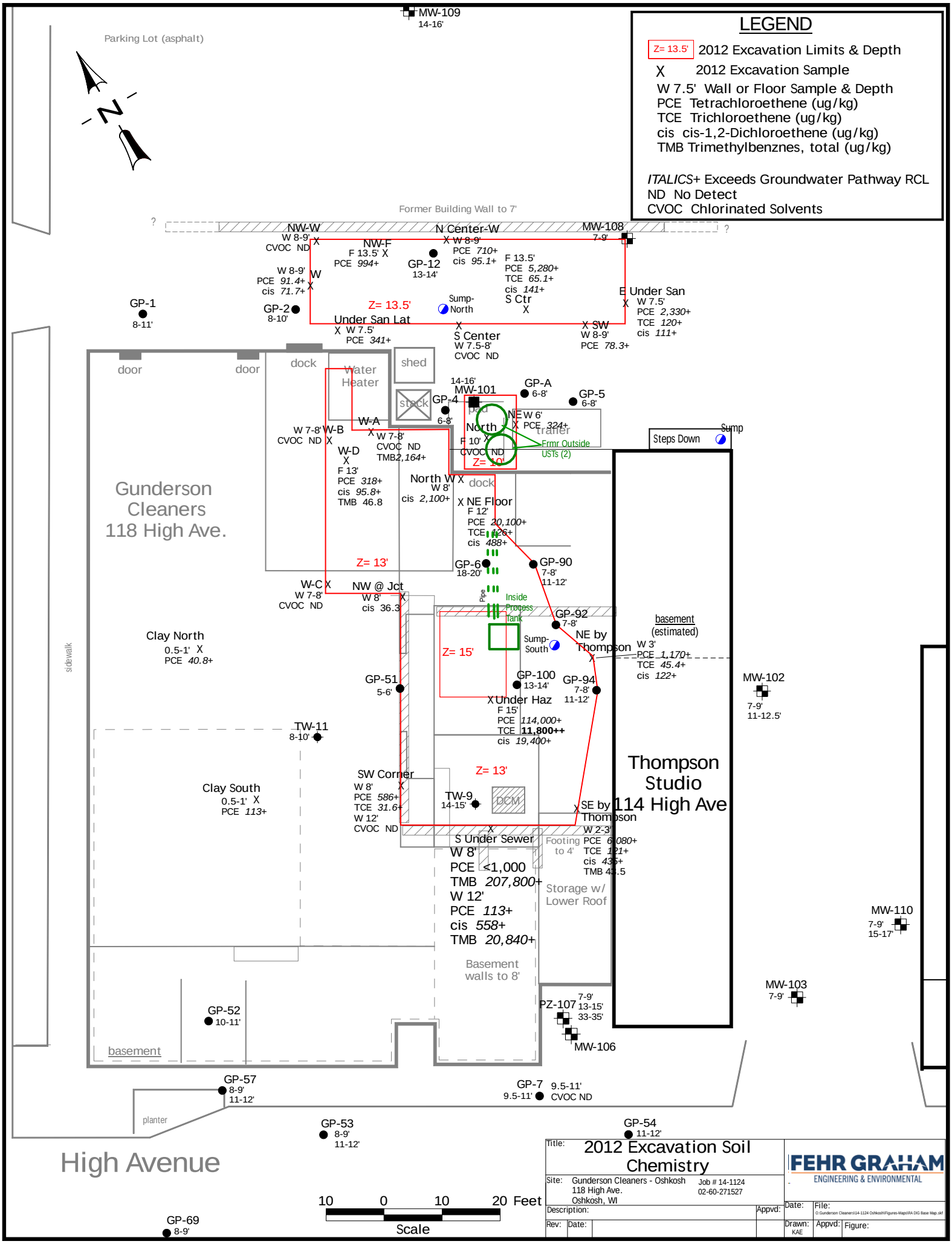

LEGEND
Z= 13.5' 2012 Excavation Limits & Depth
X 2012 Excavation Sample
W 7.5' Wall or Floor Sample & Depth
PCE Tetrachloroethene (ug/kg)
TCE Trichloroethene (ug/kg)
cis cis-1,2-Dichloroethene (ug/kg)
TMB Trimethylbenznes, total (ug/kg)
ITALICS+ Exceeds Groundwater Pathway RCL
ND No Detect
CVOC Chlorinated Solvents
MW-109 14-16'
Parking Lot (asphalt)
N
Former Building Wall to 7'
NW-W W 8-9' CVOC ND
NW-F F 13.5' PCE 994+
GP-12 13-14'
N Center-W W 8-9' PCE 710+ cis 95.1+
MW-108 7-9'
W 8-9' PCE 91.4+ cis 71.7+
F 13.5' PCE 5,280+ TCE 65.1+ cis 141+
S Ctr
E Under San W 7.5' PCE 2,330+ TCE 120+ cis 111+
GP-1 8-11'
GP-2 8-10'
Z= 13.5'
Sump-North
Under San Lat W 7.5' PCE 341+
S Center W 7.5-8' CVOC ND
X SW W 8-9' PCE 78.3+
door
door
dock
Water Heater
shed
stack
GP-4 6-8'
MW-101 14-16'
GP-A 6-8'
GP-5 6-8'
pad
trailer
NE W 6' PCE 324+
North F 10' CVOC ND
Frmr Outside USTs (2)
Z= 10'
Steps Down
Sump
W-A W 7-8' CVOC ND TMB 2,164+
W-B W 7-8' CVOC ND
W-D F 13' PCE 318+ cis 95.8+ TMB 46.8
North W W 8' cis 2,100+
dock
NE Floor F 12' PCE 20,100+ TCE 126+ cis 488+
Gunderson Cleaners 118 High Ave.
Z= 13'
GP-6 18-20'
GP-90 7-8' 11-12'
W-C W 7-8' CVOC ND
NW @ Jct W 8' cis 36.3
Pipe
Inside Process Tank
GP-92 7-8'
basement (estimated)
Clay North 0.5-1' PCE 40.8+
Sump-South
NE by Thompson W 3' PCE 1,170+ TCE 45.4+ cis 122+
Z= 15'
GP-51 5-6'
GP-100 13-14'
GP-94 7-8' 11-12'
MW-102 7-9' 11-12.5'
Under Haz F 15' PCE 114,000+ TCE 11,800++ cis 19,400+
TW-11 8-10'
Thompson Studio 114 High Ave
Z= 13'
SW Corner W 8' PCE 586+ TCE 31.6+ W 12' CVOC ND
Clay South 0.5-1' PCE 113+
TW-9 14-15'
DCM
SE by Thompson W 2-3' PCE 6,080+ TCE 121+ cis 435+ TMB 43.5
S Under Sewer W 8' PCE <1,000 TMB 207,800+ W 12' PCE 113+ cis 558+ TMB 20,840+
Footing to 4'
Storage w/ Lower Roof
MW-110 7-9' 15-17'
Basement walls to 8'
MW-103 7-9'
PZ-107 7-9' 13-15' 33-35'
MW-106
GP-52 10-11'
basement
GP-57 8-9' 11-12'
GP-7 9.5-11' 9.5-11' CVOC ND
planter
GP-53 8-9' 11-12'
GP-54 11-12'
High Avenue
GP-69 8-9'
10 0 10 20 Feet
Scale
Title: 2012 Excavation Soil Chemistry
Site: Gunderson Cleaners - Oshkosh 118 High Ave. Oshkosh, WI
Job # 14-1124 02-60-271527
FEHR GRAHAM ENGINEERING & ENVIRONMENTAL
Description:
Rev: Date:
Appvd:
Date:
File: O:\Gunderson Cleaners\14-1124 Oshkosh\Figures-Maps\RA DIG Base Map.skf
Drawn: KAE
Appvd:
Figure:

TABLE 2 REMAINING IN PLACE
SOIL ANALYTICAL RESULTS - VOC PARAMETERS
GUNDERSON CLEANERS, OSHKOSH, WI

								PVOC'S					OTHER PVOC'S							CHLORINATED VOC'S				
Boring ID	Date	Site Location	Depth (ft bgs)	Soil Type	PID Reading (su)	FID Reading	DRO (mg/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	1,2,4 TMB (ug/kg)	1,3,5 TMB (ug/kg)	Xylenes (ug/kg)	n-Butyl benzene (ug/kg)	sec-Butyl benzene (ug/kg)	tert-Butyl benzene (ug/kg)	Isopropyl benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	Naphthalene (ug/kg)	n-Propyl benzene (ug/kg)	PCE (ug/kg)	TCE (ug/kg)	cis-1,2 DCE (ug/kg)	Vinyl Chloride (ug/kg)	OTHER
				Groundwater Pathway RCL				*5.1*	*1,570*		*1,379*	*3,960*	NS	NS	NS	NS	NS	*658*	NS	*4.5*	*3.6*	*41.2*	*0.1*	
				Non-Industrial Direct Contact RCL (top 4')				**1,600**	**8,020**		**219,000**	**182,000**	**260,000**	**108,000**	**145,000**	**183,000**	**268,000**	**162,000**	**5,520**	**264,000**	**33,000**	**1,300**	**156,000**	**67**	
03-2000	7/18/2000	High Avenue West	6-8'	Silty Clay / Gravel	2.0		<4.1		<25	<25	<25	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
04-2000	7/18/2000	High Avenue East	6-8'	Silty Clay / Gravel	150		**510**		<250	<250	*32,000*	*11,800*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Test Pit 2	6/11/2001	High Ave E Edge Gunderson	6-8'	NA	400		NA		<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<25	<25	<25	
Test Pit 2	6/11/2001	High Ave E Edge Gunderson	5-6'	NA	0		NA		<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<25	<25	<25	
Test Pit 3	6/11/2001	High Ave Mid Gunderson	6-8'	NA	1		NA		<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<25	<25	<25	
GP-A*	5/19/2003	N by Dock Door	6-8'	Silty Clay / Gravel	33.0		26.9		130	*553*	*1,040*	590	1,610	2,910	976	704	1,200	160	570	*33.3*	<25	<25	<25	
GP-1	4/26/2004	NW Corner of Property in Alley	8-11'	Silty Clay / Gravel	0.8		7.7		<27	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<38	
GP-2	4/26/2004	North Center of Property in Alley	8-10'	Silty Clay / Gravel	13.5		<5.7		<29	<29	<29	<40	<29	138	<29	<29	<29	<29	<29	*36*	<29	32	<40	
GP-4	4/26/2004	N. of Building Near Drums	6-8'	Silty Clay / Gravel	12.6		13		<29	<29	<29	<41	<29	337	<29	<29	<29	<29	<29	<29	<29	<29	<41	
GP-5	4/26/2004	N. of Trailer	6-8'	Silty Clay / Gravel	16		25		<29	<29	<29	<40	<29	358	<29	55	<29	<29	<29	<29	<29	<29	<40	
GP-6	4/26/2004	Inside Building Near Boiler Room	18-20'	Silty Clay / Clayey Silt	1.6		<5.5		<27	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<27	<27	*109*	<38	
GP-7	4/26/2004	Near SE Building Corner in Sidewalk	9.5-11'	Silty Clay / Gravel	80		**110**		<28	<28	<28	<39	<28	166	<28	<28	<28	<28	<28	<28	<28	<28	<39	
TW-9	9/2/2004	W. of Former DCM	14-15'	Silty Clay / Gravel	27.5		8.9		<29	584	40	51	<29	<29	<29	<29	<29	<29	<29	<29	<29	*1,640*	*607*	
TW-11	9/2/2004	W. of Former DCM Room	8-10'	Silty Clay / Gravel	355		**277**		<28	<28	<28	<39	<28	221	<28	<28	<28	<28	<28	<28	<28	<28	<39	
GP-12	9/2/2004	Alley, North of Building	13-14'	Silty Clay / Gravel	0		14		<27	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<38	
GP-13	4/20/2006	In High Ave, E property line	8-10'	Silty clay with gravel	29.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	*4,600*	*250*	*310*	<25	
GP-13	4/20/2006	In High Ave, E property line	11-12'	Silty clay with gravel	33.2		NA		<50	<50	<50	<100	<50	<50	<50	<50	<50	<50	<50	*11,000*	*84 "J"*	*160*	<50	
GP-14	4/20/2006	In High Ave, W of property	8-9'	Gravel	6.9		NA		<14	<14	<14	<27	<14	<14	<14	<14	<14	<14	<14	*1,500*	*27*	<14	<14	
GP-14*	4/20/2006	In High Ave, W of property	11-12'	Silty clay	85		NA		<120	<120	<120	<250	<120	<120	<120	<120	<120	<120	<120	*20,000*	*220*	<120	<120	
GP-15	4/20/2006	In High, near W prop line	8-10'	Clay	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	*<25*	<25	<25	
GP-15	4/20/2006	In High, near W prop line	11-12'	Clay	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
GP-51	8/25/2009	In building	5-6'	Silty Clay / Gravel	0.0		NA		<25	51.8J	<25	<75	<25	<25	<25	75.4J	<25	<25	<25	*51.2J*	<25	<25	<25	
GP-52	8/25/2009	In building basement	2-3' (10-11' bgs)	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<97.7	<25	<25	<25	<25	<25	<25	<25	*76.1*	<25	<25	<25	
GP-53	8/25/2009	High Ave N Parking Lane	8-9'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*37.1*	<25	<25	<25	
GP-53	8/25/2009	High Ave N Parking Lane	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*439*	<25	<25	<25	
GP-54	8/25/2009	High Ave N Parking Lane	8-9'	Silty Clay / Gravel	3.9		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	<25	<25	*48.1*	<25	
GP-54	8/25/2009	High Ave N Parking Lane	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*56.0J*	<25	*75.8*	<25	
GP-55	8/25/2009	High Ave Center East	8-9'	Silty Clay / Gravel	3.9		NA		<50.0	<50.0	<50.0	<150	<80.8	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	*12,800*	<50.0	<50.0	<50.0	
GP-55	8/25/2009	High Ave Center East	11-12'	Silty Clay / Gravel	3.9		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*25,900*	<25	<25	<25	
GP-56	8/25/2009	High Ave Center Far East	8-9'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*121*	<25	<25	<25	
GP-56	8/25/2009	High Ave Center Far East	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*10,600*	<25	<25	<25	
GP-57	8/25/2009	In Plantings N of High	8-9'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*128*	<25	<25	<25	
GP-57	8/25/2009	In Plantings N of High	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*517*	<25	<25	<25	
GP-58	8/25/2009	In High, Center W of Brown	8-9'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*180*	<25	<25	<25	
GP-58	8/25/2009	In High, Center W of Brown	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*122*	<25	<25	<25	
GP-59	8/25/2009	Brown Street S	8-9'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	

TABLE 2 REMAINING IN PLACE
SOIL ANALYTICAL RESULTS - VOC PARAMETERS
GUNDERSON CLEANERS, OSHKOSH, WI

								PVOC'S					OTHER PVOC'S							CHLORINATED VOC'S				
Boring ID	Date	Site Location	Depth (ft bgs)	Soil Type	PID Reading (su)	FID Reading	DRO (mg/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	1,2,4 TMB (ug/kg)	1,3,5 TMB (ug/kg)	Xylenes (ug/kg)	n-Butyl benzene (ug/kg)	sec-Butyl benzene (ug/kg)	tert-Butyl benzene (ug/kg)	Isopropyl benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	Naphthalene (ug/kg)	n-Propyl benzene (ug/kg)	PCE (ug/kg)	TCE (ug/kg)	cis-1,2 DCE (ug/kg)	Vinyl Chloride (ug/kg)	OTHER
GP-59	8/25/2009	Brown Street S	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
GP-60	8/25/2009	Brown Street N	8-9'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
GP-60	8/25/2009	Brown Street N	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
Utility Corridor Investigation June 2011																								
GP-61	6/22/2011	Alley N. of Opera House	7-8'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-61	6/22/2011		13-14'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-62	6/22/2011	Market St. NE corner Opera House	9-10'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-62++	6/22/2011		13-14'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-63	6/21/2011	High Ave. at W edge Market St.	8-9'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-63	6/21/2011		11-12'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-64	6/21/2011	High Ave. E of Market St.	9-10'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-64	6/21/2011		14-15'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-65	6/21/2011	High Ave. E of san. sewer jct. in Market St.	9-10'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-65	6/21/2011		15-16'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-66	6/21/2011	Market St. just S of High Ave. near San Manhole	10-12'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*682*	<25.0	<25.0	<25.0	
GP-66	6/21/2011		15-16'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*2,300*	<25.0	<25.0	<25.0	
GP-67	6/21/2011	Market St. S of High Ave., W of sanitary	10-11'	Lean Clay / 5-10% gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-67	6/21/2011		13-14'	Lean Clay / 5-10% gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-68	6/21/2011	Market St. S of High Ave., E of sanitary	10-11'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*56.2J*	<25.0	
GP-68	6/21/2011		13-14'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*5,530*	*53.4J*	<25.0	<25.0	
GP-69	6/22/2011	High Ave. at E edge Brown St.	8-9'	Clayey Silty Sand w/ <5% gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*54.0J*	<25.0	<25.0	<25.0	
GP-69	6/22/2011		11-12'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-69	6/22/2011		15-16'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	>25.0	<25.0	<25.0	
GP-70	6/22/2011	High Ave. W of Brown near GP-14	8-9'	Silty Sand	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*295*	<25.0	<25.0	<25.0	
GP-70	6/22/2011		11-12'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*1,360*	<25.0	<25.0	<25.0	
GP-70	6/22/2011		15-16'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
Utility Corridor Investigation June 2011																								
GP-71**	6/21/2011	High Ave. W of Brown at 141 High Ave.	8-9'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-71	6/21/2011		11-12'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-71***	6/21/2011		15-15.5'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
Pre-Remedial Excavation Borings Aug 2012																								
GP-90	8/23/2012		7-8'		57	405			<50.0	<50.0	<50.0	<100	<80.8	1,890	<50.0	67.0	<50.0	<50.0	<50.0	*134*	<50.0	277	<50.0	
GP-90	8/23/2012		11-12'		10	35			<25.0	<25.0	<25.0	<75.0	<40.4	147	<25.0	<25.0	<25.0	<25.0	<25.0	*873*	*112*	*321*	<25.0	
GP-92	8/23/2012		7-8'		88	730			<25.0	<25.0	<25.0	<75.0	<40.4	2,710	<25.0	470	<25.0	<25.0	<25.0	<25	<25	*84.5*	<25.0	
GP-94	8/23/2012		7-8'		149	1378			<500	813	<500	<1500	<808	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	
GP-94	8/23/2012		11-12'		143	1761			<200	*9,710*	<200	<600	3,750	3,080	<200	1,030	1,210	<200	1,840	<200	<200	*298*	<200	
GP-100	8/23/2012		13-14'		36	127			185	*2,740*	*246*	181	361	348	<25.0	204	174	148	399	*175*	*49.1*	*6,310*	*141*	56.9 trans DCE
Demolition November 2012 (Alley)																								
SW Corner Wall under Gun San Lat	10/29/2012	Alley	7.5'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*341*	<25.0	<25.0	<25.0	
NW Corner Wall	10/29/2012	Alley	8-9'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	*72.4*	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
W Wall	10/29/2012	Alley	8-9'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*91.4*	<25.0	*71.7J*	<25.0	
S Wall Center	10/29/2012	Alley	7.5-8'					<50.0	<50.0	<50.0	<50.0	<150.0	<80.8	5,250	140J	257	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	
NW Corner Floor	10/29/2012	Alley	13.5'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*994*	<25.0	<25.0	<25.0	
SW Wall	10/29/2012	Alley	8-9'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*78.3*	<25.0	<25.0	<25.0	
N Wall center	10/29/2012	Alley	8-9'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*710*	<25.0	*95.1*	<25.0	
S Center Floor	10/29/2012	Alley	13.5'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*5,280*	*65.1J*	*141*	<25.0	
E Wall under San	10/29/2012	Alley	7.5'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*2,330*	*120*	*111*	<25.0	

TABLE 2 REMAINING IN PLACE
SOIL ANALYTICAL RESULTS - VOC PARAMETERS
GUNDERSON CLEANERS, OSHKOSH, WI

								PVOC'S					OTHER PVOC'S							CHLORINATED VOC'S				
Boring ID	Date	Site Location	Depth (ft bgs)	Soil Type	PID Reading (su)	FID Reading	DRO (mg/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	1,2,4 TMB (ug/kg)	1,3,5 TMB (ug/kg)	Xylenes (ug/kg)	n-Butyl benzene (ug/kg)	sec-Butyl benzene (ug/kg)	tert-Butyl benzene (ug/kg)	Isopropyl benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	Naphtha lene (ug/kg)	n-Propyl benzene (ug/kg)	PCE (ug/kg)	TCE (ug/kg)	cis-1,2 DCE (ug/kg)	Vinyl Chloride (ug/kg)	OTHER
Demolition November 2012 (Building)																								
Clay north	11/12/2012	Main Bldg	0.5-1'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*40.8J*	<25.0	<25.0	<25.0	
Clay South	11/12/2012	Main Bldg	0.5-1'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*113*	<25.0	<25.0	<25.0	
S Wall	11/15/2012	At DCM	8'					<1000	<1000	*177,000*	*30,800*	<3000	21,100	15,700	<1000	3,730	15,700	<1000	13,600	<1000	<1000	<1000	<1000	
S Wall	11/15/2012		12'					<50.0	90.4J	*17,200*	*3,640*	296J	2,700	1,860	72.0J	400	1,450	97.5J	1,330	*113J*	<50.0	*558*	<50.0	
Floor under Haz	11/15/2012	At Tank	15'					<500	<500	<500	<500	<1500	<808	<500	<500	<500	<500	<500	<500	*114,000*	***11,800***	*19,400*	<500	
SW Corner	11/15/2012	SW of DCM	8'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*586*	*31.6J*	<25.0	<25.0	
SW Corner	11/15/2012		12'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	438	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
SE by Thompson	11/15/2012		2-3'					<25.0	<25.0	43.5J	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*6,080*	*121*	*435*	<25.0	
NE by Thompson	11/15/2012		3'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*1,170*	*45.4J*	*122*	<25.0	
N Wall	11/15/2012		8'					<100	<100	<100	<100	<300	<162	5,330	<100	1,160	<100	<100	<100	<100	<100	*2,100*	<100	
NE Floor	11/15/2012		12'					<100	<100	<100	<100	<300	<162	126J	<100	<100	<100	<100	<100	*20,100*	*126J*	*488*	<100	
NW Wall at Jct w Water Vault Excvn	11/15/2012		8'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	37.7J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	36.3J	<25.0	
W-A	11/16/2012	NW by Smokestack	7-8'					<50.0	<50.0	*1,720*	*444*	<175	747	550	<50.0	100J	331	<50.0	168	<50.0	<50.0	<50.0	<50.0	
W-B	11/16/2012	NW	7-8'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,4-Dichlorobenzene 36.5J
W-C	11/16/2012	NW	7-8'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
W-D (floor)	11/16/2012	W	13'					<25.0	<25.0	46.8J	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*318*	<25.0	*95.8*	<25.0	Toluene 46.2J
NE Wall	11/27/2012	NE By USTs	6'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*324*	<25.0	<25.0	<25.0	
N Floor	11/27/2012	NE By USTs	10'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	182	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
Utility Corridor Investigation Sept 12, 2013																								
GP-72	9/13/2013		4-5'					*216*	65.6J	<25.0	<25.0	71.8J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	44.1J Methylene Chloride
GP-72	9/13/2013		14-16'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	32.4J Methylene Chloride
GP-73	9/12/2013		6-5'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-73	9/12/2013		14-15'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	30.6J Methylene Chloride
GP-74	9/13/2013		3-4'					48.0J	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	34.5J Methylene Chloride
GP-74	9/13/2013		14-16'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	30.9J Methylene Chloride
GP-75	9/13/2013		2.5-4'					*415*	593	571	203	748	<25.0	<25.0	<25.0	111	<25.0	*1,400*	40.5J	<25.0	<25.0	<25.0	<25.0	234 Toluene
GP-75	9/13/2013		14-16'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	31.3J Methylene Chloride
GP-76	9/12/2013		8-10'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
GP-76	9/12/2013		19-20'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
Trip Blank	9/13/2013							<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	25.3J Methylene Chloride
SITE INVESTIGATION WELLS																								
MW-101	9/2/2004	N. of Dock Door	7.5-8'	Silty Clay / Gravel	594		**979**		<29	1,110	<29	<40	1,610	2,760	<29	495	392	<29	772	<29	<29	<29	<40	
MW-101	9/2/2004	N. of Dock Door	8-10'	Silty Clay / Gravel	303		NA		TCLP VOC ALL ND											TCLP VOC ALL ND				
MW-101	9/2/2004	N. of Dock Door	14-16'	Silty Clay / Gravel	0.8		15		<30	<30	<30	<41	<30	<30	<30	<30	<30	<30	<30	<30	<30	*461*	<41	
MW-102	9/2/2004	E. of Thompson Studio	7-9'	Silty Clay / Gravel	0.8		<5.8		<29	<29	<29	<40	<29	<29	<29	<29	<29	<29	<29	*85*	<29	<29	<40	
MW-102	9/2/2004	E. of Thompson Studio	11-12.5'	Silty Clay / Gravel	0.8		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-103	9/2/2004	Near SE Corner of Thompson Studio	7-9'	Silty Clay / Gravel	0.8		<6.0		<30	<30	<30	<42	<30	<30	<30	<30	<30	<30	<30	*51*	<30	*56*	<42	
MW-104	9/3/2004	S. of High Ave	7-9'	Sand / Gravel / Silty Clay	0.8		<6.0		<30	<30	<30	<42	<30	<30	<30	<30	<30	<30	<30	*94*	<30	<30	<42	
MW-104	9/3/2004	S. of High Ave	15-17'	Silty Clay / Gravel	3.3		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MW-105	9/3/2004	S. of High Ave	7-9'	Silty Clay / Gravel	1.6		<5.8		<29	<29	<29	<41	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<41	
MW-105	9/3/2004	S. of High Ave	15-15.7'	Silty Clay / Gravel	2.5		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PZ-107	9/2/2004	Near SE Corner of Building	7-9'	Silty Clay / Gravel	1.7		47		<28	<28	<28	<40	<28	<28	<28	<28	<28	<28	<28	<28	<28	<28	<40	
PZ-107	9/2/2004	Near SE Corner of Building	13-15'	Silty Clay / Gravel	2.5		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PZ-107	9/2/2004	Near SE Corner of Building	33-35'	Silty Clay / Gravel	0.8		14		<28	<28	<28	<40	<28	<28	<28	<28	<28	<28	<28	<28	<28	<28	<40	
MW-108	9/2/2004	Alley, NE of Building	7-9'	Silty Clay / Gravel	27		**693**		<29	<29	<29	<41	<29	36	<29	<29	<29	<29	<29	<29	<29	<29	<41	
MW-109	4/19/2006	Parking lot, NE of Building	5-5.5'	Silty Sand / Gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
MW-109	4/19/2006	Parking lot, NE of Building	16-17'	Clay with sand	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
MW-110	4/19/2006	SE of Property, near Opera House	7-9'	Clay with trace gravel	3		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	*260*	<25	*44*	<25	
MW-110	4/19/2006	SE of Property, near Opera House	15-17'	Clay with trace gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	*150*	<25	
PZ-111	4/19/2006	S. of High Ave	34-36'	Clay with gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
MW-112	4/20/2006	S. of High Ave	7-9'	Sandy clay with gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	

TABLE 2 REMAINING IN PLACE
SOIL ANALYTICAL RESULTS - VOC PARAMETERS
GUNDERSON CLEANERS, OSHKOSH, WI

								PVOC'S					OTHER PVOC'S							CHLORINATED VOC'S				
Boring ID	Date	Site Location	Depth (ft bgs)	Soil Type	PID Reading (su)	FID Reading	DRO (mg/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	1,2,4 TMB (ug/kg)	1,3,5 TMB (ug/kg)	Xylenes (ug/kg)	n-Butyl benzene (ug/kg)	sec-Butyl benzene (ug/kg)	tert-Butyl benzene (ug/kg)	Isopropyl benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	Naphthalene (ug/kg)	n-Propyl benzene (ug/kg)	PCE (ug/kg)	TCE (ug/kg)	cis-1,2 DCE (ug/kg)	Vinyl Chloride (ug/kg)	OTHER
MW-112	4/20/2006	S. of High Ave	15-17'	Clay with trace gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
MW-113	4/20/2006	S. of High Ave	7-9'	Clay with gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
MW-113	4/20/2006	S. of High Ave	11-13'	Clay with gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
PZ-115	10/29/2007	NE of Property, near Opera House	5-9'	Clay with gravel	1.0		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
PZ-115	10/29/2007	NE of Property, near Opera House	33-35'	Clay with gravel	1.0		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
PZ-117	10/29/2007	S. of High Ave	7-9'	Clay with gravel	0.0		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	*71*	<25	<25	<25	
PZ-117	10/29/2007	S. of High Ave	21-23'	Silt with gravel	6.0		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	*4,600*	*2,200*	*380*	<25	
PZ-117	10/29/2007	S. of High Ave	33-35'	Clay with gravel	0.0		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	

Notes:

TMB= trimethylbenzene
NS = No standard established
BOLD indicates exceedance of Non-Residental Direct Contact RCL
ITALICS indicates exceedance of Groundwater Pathway RCL
*: Sample had detection of toluene at 250 ug/kg
** Sample had detection of 1,4-Dichlorobenzene at 239 ug/kg
*** Sample had detection of 1,4-Dichlorobenzene at 29.1J ug/kg
++ Sample had detection of 1,2-Dichloropropane at 94.9 ug/kg

TABLE A.2.1
SOIL ANALYTICAL RESULTS - VOC PARAMETERS
GUNDERSON CLEANERS, OSHKOSH, WI

								PVOC'S					OTHER PVOC'S							CHLORINATED VOC'S					
Boring ID	Date	Site Location	Depth (ft bgs)	Soil Type	PID Reading (su)	FID Reading	DRO (mg/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	1,2,4 TMB (ug/kg)	1,3,5 TMB (ug/kg)	Xylenes (ug/kg)	n-Butyl benzene (ug/kg)	sec-Butyl benzene (ug/kg)	tert-Butyl benzene (ug/kg)	Isopropyl benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	Naphtha lene (ug/kg)	n-Propyl benzene (ug/kg)	PCE (ug/kg)	TCE (ug/kg)	cis-1,2 DCE (ug/kg)	Vinyl Chloride (ug/kg)	Total Organic Carbon (percent)	OTHER
Groundwater Pathway RCL								*5.1*	*1,570*		*1,379*	*3,960*	NS	NS	NS	NS	NS	*658*	NS	*4.5*	*3.6*	*41.2*	*0.1*		
Non-Residential Direct Contact RCL								**1,600**	**8,020**	**219,000**	**182,000**	**260,000**	**108,000**	**145,000**	**183,000**	**268,000**	**162,000**	**5,520**	**264,000**	**33,000**	**1,300**	**156,000**	**67**		
03-2000	7/18/2000	High Avenue West	6-8'	Silty Clay / Gravel	2.0		<4.1		<25	<25	<25	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
04-2000	7/18/2000	High Avenue East	6-8'	Silty Clay / Gravel	150		510		<250	<250	32,000	*11,800*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Test Pit 2	6/11/2001	High Ave E Edge Gunderson	6-8'	NA	400		NA		<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<25	<25	<25	NA	
Test Pit 2	6/11/2001	High Ave E Edge Gunderson	5-6'	NA	0		NA		<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<25	<25	<25	NA	
Test Pit 3	6/11/2001	High Ave Mid Gunderson	6-8'	NA	1		NA		<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25	<25	<25	<25	NA	
GP-A*	5/19/2003	N by Dock Door	6-8'	Silty Clay / Gravel	33.0		26.9		130	*553*	1,040	590	1,610	2,910	976	704	1,200	160	570	*33.3*	<25	<25	<25	NA	
GP-1	4/26/2004	NW Corner of Property in Alley	8-11'	Silty Clay / Gravel	0.8		7.7		<27	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<38	NA	
GP-2	4/26/2004	North Center of Property in Alley	8-10'	Silty Clay / Gravel	13.5		<5.7		<29	<29	<29	<40	<29	138	<29	<29	<29	<29	<29	*36*	<29	32	<40	NA	
GP-3	4/26/2004	NE Corner of Property in Alley	12-13.5'	Silty Clay / Gravel	10.9		<5.6		<28	<28	<28	<39	<28	<28	<28	<28	<28	<28	<28	*5,860*	*57*	*383*	<39	NA	
GP-4	4/26/2004	N. of Building Near Drums	6-8'	Silty Clay / Gravel	12.6		13		<29	<29	<29	<41	<29	337	<29	<29	<29	<29	<29	<29	<29	<29	<41	NA	
GP-5	4/26/2004	N. of Trailer	6-8'	Silty Clay / Gravel	16		25		<29	<29	<29	<40	<29	358	<29	55	<29	<29	<29	<29	<29	<29	<40	NA	
GP-6	4/26/2004	Inside Building Near Boiler Room	7-8'	Clayey Silt / Silty Clay / Gravel	306		348		<29	<29	<29	<41	<29	2,430	<29	76	<29	<29	<29	*4,400*	*243*	*1,160*	<41	NA	
GP-6	4/26/2004	Inside Building Near Boiler Room	18-20'	Silty Clay / Clayey Silt	1.6		<5.5		<27	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<27	<27	*109*	<38	NA	
GP-7	4/26/2004	Near SE Building Corner in Sidewalk	9.5-11'	Silty Clay / Gravel	80		110		<28	<28	<28	<39	<28	166	<28	<28	<28	<28	<28	<28	<28	<28	<39	NA	
GP-8	9/2/2004	W. of Storage Room, N. of Former DCM	6-8'	Silty Clay / Gravel	2105		2,330		<2,910	*78,100*	18,600	<4,080	<2,910	6,290	<2,910	<2,910	6,530	<2,910	5,130	**1,520,000**	**152,000**	*12,800*	<4,080	NA	
TW-9	9/2/2004	W. of Former DCM	8-10'	Silty Clay / Gravel	937		1,610		<804	*88,400*	18,400	2,070	9,070	7,350	<804	1,950	8,270	<804	6,770	<804	<804	*1,380*	<1,130	NA	
TW-9	9/2/2004	W. of Former DCM	14-15'	Silty Clay / Gravel	27.5		8.9		<29	*584*	40	51	<29	<29	<29	<29	<29	<29	<29	<29	<29	*1,640*	*607*	NA	
GP-10	9/2/2004	NE of Former DCM	7.5-8'	Silty Clay / Gravel	262		1,030		<287	4,710	<287	<402	1,610	1,150	<287	<287	690	<287	483	<287	<287	*391*	<402	NA	
TW-11	9/2/2004	W. of Former DCM Room	8-10'	Silty Clay / Gravel	355		277		<28	<28	<28	<39	<28	221	<28	<28	<28	<28	<28	<28	<28	<28	<39	NA	
GP-12	9/2/2004	Alley, North of Building	8-9'	Silty Sand / Gravel	26.3		564		<28	<28	<28	<39	<28	133	<28	38	<28	38	38	*5,640*	*40*	<28	<39	NA	
GP-12	9/2/2004	Alley, North of Building	13-14'	Silty Clay / Gravel	0		14		<27	<27	<27	<38	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<38	NA	
GP-13	4/20/2006	In High Ave, E property line	8-10'	Silty clay with gravel	29.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	*4,600*	*250*	*310*	<25	NA	
GP-13	4/20/2006	In High Ave, E property line	11-12'	Silty clay with gravel	33.2		NA		<50	<50	<50	<100	<50	<50	<50	<50	<50	<50	<50	*11,000*	*84 "J"*	*160*	<50	NA	
GP-14	4/20/2006	In High Ave, W of property	8-9'	Gravel	6.9		NA		<14	<14	<14	<27	<14	<14	<14	<14	<14	<14	<14	*1,500*	*27*	<14	<14	NA	
GP-14*	4/20/2006	In High Ave, W of property	11-12'	Silty clay	85		NA		<120	<120	<120	<250	<120	<120	<120	<120	<120	<120	<120	*20,000*	*220*	<120	<120	NA	
GP-15	4/20/2006	In High, near W prop line	8-10'	Clay	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
GP-15	4/20/2006	In High, near W prop line	11-12'	Clay	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
GP-50	8/25/2009	In Building by Vaults	7-8'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*270*	<25	<25	<25	NA	
GP-50	8/25/2009	In Building by Vaults	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*1,690*	*53.1J*	*298*	<25	NA	
GP-51	8/25/2009	In building	5-6'	Silty Clay / Gravel	0.0		NA		<25	51.8J	<25	<75	<25	<25	<25	75.4J	<25	<25	<25	*51.2J*	<25	<25	<25	NA	

TABLE A.2.1
SOIL ANALYTICAL RESULTS - VOC PARAMETERS
GUNDERSON CLEANERS, OSHKOSH, WI

								PVOC'S					OTHER PVOC'S							CHLORINATED VOC'S					
Boring ID	Date	Site Location	Depth (ft bgs)	Soil Type	PID Reading (su)	FID Reading	DRO (mg/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	1,2,4 TMB (ug/kg)	1,3,5 TMB (ug/kg)	Xylenes (ug/kg)	n-Butyl benzene (ug/kg)	sec-Butyl benzene (ug/kg)	tert-Butyl benzene (ug/kg)	Isopropyl benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	Naphtha lene (ug/kg)	n-Propyl benzene (ug/kg)	PCE (ug/kg)	TCE (ug/kg)	cis-1,2 DCE (ug/kg)	Vinyl Chloride (ug/kg)	Total Organic Carbon (percent)	OTHER
GP-52	8/25/2009	In building basement	2-3' (10-11' bgs)	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<97.7	<25	<25	<25	<25	<25	<25	<25	*76.1*	<25	<25	<25	NA	
GP-53	8/25/2009	High Ave N Parking Lane	8-9'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*37.1*	<25	<25	<25	NA	
GP-53	8/25/2009	High Ave N Parking Lane	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*439*	<25	<25	<25	NA	
GP-54	8/25/2009	High Ave N Parking Lane	8-9'	Silty Clay / Gravel	3.9		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	<25	<25	*48.1*	<25	NA	
GP-54	8/25/2009	High Ave N Parking Lane	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*56.0J*	<25	*75.8*	<25	NA	
GP-55	8/25/2009	High Ave Center East	8-9'	Silty Clay / Gravel	3.9		NA		<50.0	<50.0	<50.0	<150	<80.8	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	*12,800*	<50.0	<50.0	<50.0	NA	
GP-55	8/25/2009	High Ave Center East	11-12'	Silty Clay / Gravel	3.9		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*25,900*	<25	<25	<25	NA	
GP-56	8/25/2009	High Ave Center Far East	8-9'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*121*	<25	<25	<25	NA	
GP-56	8/25/2009	High Ave Center Far East	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*10,600*	<25	<25	<25	NA	
GP-57	8/25/2009	In Plantings N of High	8-9'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*128*	<25	<25	<25	NA	
GP-57	8/25/2009	In Plantings N of High	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*517*	<25	<25	<25	NA	
GP-58	8/25/2009	In High, Center W of Brown	8-9'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*180*	<25	<25	<25	NA	
GP-58	8/25/2009	In High, Center W of Brown	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	*122*	<25	<25	<25	NA	
GP-59	8/25/2009	Brown Street S	8-9'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
GP-59	8/25/2009	Brown Street S	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
GP-60	8/25/2009	Brown Street N	8-9'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
GP-60	8/25/2009	Brown Street N	11-12'	Silty Clay / Gravel	0.0		NA		<25	<25	<25	<75	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
Utility Corridor Investiagtion June 2011																									
GP-61	6/22/2011	Alley N. of Opera House	7-8'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-61	6/22/2011		13-14'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-62	6/22/2011	Market St. NE corner Opera House	9-10'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-62++	6/22/2011		13-14'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-63	6/21/2011	High Ave. at W edge Market St.	8-9'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-63	6/21/2011		11-12'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-64	6/21/2011	High Ave. E of Market St.	9-10'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-64	6/21/2011		14-15'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-65	6/21/2011	High Ave. E of san. sewer jct. in Market St.	9-10'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-65	6/21/2011		15-16'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-66	6/21/2011	Market St. just S of High Ave. near San Manhole	10-12'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*682*	<25.0	<25.0	<25.0		
GP-66	6/21/2011		15-16'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*2,300*	<25.0	<25.0	<25.0		
GP-67	6/21/2011	Market St. S of High Ave., W of sanitary	10-11'	Lean Clay / 5-10% gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-67	6/21/2011		13-14'	Lean Clay / 5-10% gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		

TABLE A.2.1
SOIL ANALYTICAL RESULTS - VOC PARAMETERS
GUNDERSON CLEANERS, OSHKOSH, WI

								PVOC'S					OTHER PVOC'S							CHLORINATED VOC'S					
Boring ID	Date	Site Location	Depth (ft bgs)	Soil Type	PID Reading (su)	FID Reading	DRO (mg/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	1,2,4 TMB (ug/kg)	1,3,5 TMB (ug/kg)	Xylenes (ug/kg)	n-Butyl benzene (ug/kg)	sec-Butyl benzene (ug/kg)	tert-Butyl benzene (ug/kg)	Isopropyl benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	Naphtha lene (ug/kg)	n-Propyl benzene (ug/kg)	PCE (ug/kg)	TCE (ug/kg)	cis-1,2 DCE (ug/kg)	Vinyl Chloride (ug/kg)	Total Organic Carbon (percent)	OTHER
GP-68	6/21/2011	Market St. S of High Ave., E of sanitary	10-11'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*56.2J*	<25.0		
GP-68	6/21/2011		13-14'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*5,530*	*53.4J*	<25.0	<25.0		
GP-69	6/22/2011	High Ave. at E edge Brown St.	8-9'	Clayey Silty Sand w/ <5% gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*54.0J*	<25.0	<25.0	<25.0		
GP-69	6/22/2011		11-12'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-69	6/22/2011		15-16'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-70	6/22/2011	High Ave. W of Brown near GP-14	8-9'	Silty Sand	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*295*	<25.0	<25.0	<25.0		
GP-70	6/22/2011		11-12'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*1,360*	<25.0	<25.0	<25.0		
GP-70	6/22/2011		15-16'	Silty Clay	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-71**	6/21/2011	High Ave. W of Brown at 141 High Ave.	8-9'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-71	6/21/2011		11-12'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-71***	6/21/2011		15-15.5'	Silty Clay / Gravel	0.0		NA		<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
Pre-Remedial Excavation Borings Aug 2012																									
GP-90	8/23/2012		7-8'		57	405			<50.0	<50.0	<50.0	<100	<80.8	1,890	<50.0	67.0	<50.0	<50.0	<50.0	*134*	<50.0	*277*	<50.0		
GP-90	8/23/2012		11-12'		10	35			<25.0	<25.0	<25.0	<75.0	<40.4	147	<25.0	<25.0	<25.0	<25.0	<25.0	*873*	*112*	*321*	<25.0		
GP-91	8/23/2012		7-8'		3	0			<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*966*	*63.1*	*95.5*	<25.0		
GP-91	8/23/2012		11-12'		3	0			<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*3,140*	*130*	*128*	<25.0		
GP-92	8/23/2012		7-8'		88	730			<25.0	<25.0	<25.0	<75.0	<40.4	2,710	<25.0	470	<25.0	<25.0	<25.0	<25	<25	*84.5*	<25.0		
GP-93	8/23/2012		7-8'		343	6106			<625	*66,500*	<625	<1875	13,100	11,100	<625	<625	7,120	<625	8,840	<625	<625	*1,500*	<625		
GP-94	8/23/2012		7-8'		149	1378			<500	*813*	<500	<1500	<808	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500		
GP-94	8/23/2012		11-12'		143	1761			<200	*9,710*	<200	<600	3,750	3,080	<200	1,030	1,210	<200	1,840	<200	<200	*298*	<200		
GP-95	8/23/2012		7-8'		506	6870			<1000	*122,000*	<1000	<3000	12,900	12,100	<1000	2,260	8,900	<1000	9,770	<1000	<1000	*8,710*	<1000		
GP-95	8/23/2012		11-12'		311	3844			<1000	*120,000*	9,780	1,390	11,500	10,600	<1000	2,190	9,810	<1000	9,460	<1000	<1000	*9,990*	<1000		
GP-96	8/23/2012		6-8'		441	11100			<1000	*83,000*	<1000	<3000	7,150	6,980	<1000	1,380	7,410	<1000	5,800	<1000	<1000	*4,580*	<1000		
GP-97	8/23/2012		6-8'		611	9650			<625	*50,300*	<625	<1875	4,420	4,360	<625	886	4,560	<625	3,600	*33,500*	**19,200**	*4,280*	<625		
GP-98	8/23/2012		6-8'		566	10500			<1000	*35,400*	8,550	<3000	5,010	3,230	<1000	<1000	3,330	<1000	3,490	*49,300*	**14,600**	*31,300*	<1000		
GP-99	8/23/2012		6-8'		2105	17800	TCLP		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*1,320*	*297*		<1.8		
GP-100	8/23/2012		6-8'		526	8785			<1000	*86,700*	14,900	<3000	10,200	7,840	<1000	1,910	7,510	<1000	7,730	<1000	<1000	*7,070*	<1000		
GP-100	8/23/2012		13-14'		36	127			185	*2,740*	246	181	361	348	<25.0	204	174	148	399	*175*	*49.1*	*6,310*	*141*		56.9 trans DCE
Demolition November 2012 (Alley)																									
Clay north	11/12/2012	Main Bldg	0.5-1'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*40.8J*	<25.0	<25.0	<25.0		
Clay South	11/12/2012	Main Bldg	0.5-1'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*113*	<25.0	<25.0	<25.0		
SW Corner Wall under Gun San Lat	10/29/2012	Alley	7.5'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*341*	<25.0	<25.0	<25.0		
NW Corner Wall	10/29/2012	Alley	8-9'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	72.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
W Wall	10/29/2012	Alley	8-9'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*91.4*	<25.0	*71.7J*	<25.0		
S Wall Center	10/29/2012	Alley	7.5-8'					<50.0	<50.0	<50.0	<50.0	<150.0	<80.8	5,250	140J	257	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0		
NW Corner Floor	10/29/2012	Alley	13.5'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*994*	<25.0	<25.0	<25.0		
SW Wall	10/29/2012	Alley	8-9'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*78.3*	<25.0	<25.0	<25.0		
N Wall center	10/29/2012	Alley	8-9'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*710*	<25.0	*95.1*	<25.0		
S Center Floor	10/29/2012	Alley	13.5'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*5,280*	*65.1J*	*141*	<25.0		
E Wall under San	10/29/2012	Alley	7.5'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*2,330*	*120*	*111*	<25.0		

TABLE A.2.1
SOIL ANALYTICAL RESULTS - VOC PARAMETERS
GUNDERSON CLEANERS, OSHKOSH, WI

								PVOC'S					OTHER PVOC'S							CHLORINATED VOC'S					
Boring ID	Date	Site Location	Depth (ft bgs)	Soil Type	PID Reading (su)	FID Reading	DRO (mg/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	1,2,4 TMB (ug/kg)	1,3,5 TMB (ug/kg)	Xylenes (ug/kg)	n-Butyl benzene (ug/kg)	sec-Butyl benzene (ug/kg)	tert-Butyl benzene (ug/kg)	Isopropyl benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	Naphtha lene (ug/kg)	n-Propyl benzene (ug/kg)	PCE (ug/kg)	TCE (ug/kg)	cis-1,2 DCE (ug/kg)	Vinyl Chloride (ug/kg)	Total Organic Carbon (percent)	OTHER
Demolition November 2012 (Building)																									
S Wall	11/15/2012	At DCM	8'					<1000	<1000	*177,000*	30,800	<3000	21,100	15,700	<1000	3,730	15,700	<1000	13,600	<1000	<1000	<1000	<1000		
S Wall	11/15/2012		12'					<50.0	90.4J	*17,200*	3,640	296J	2,700	1,860	72.0J	400	1,450	97.5J	1,330	*113J*	<50.0	*558*	<50.0		
Floor under Haz	11/15/2012	At Tank	15'					<500	<500	<500	<500	<1500	<808	<500	<500	<500	<500	<500	<500	*114,000*	**11,800**	*19,400*	<500		
SW Corner	11/15/2012	SW of DCM	8'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*586*	*31.6J*	<25.0	<25.0		
SW Corner	11/15/2012		12'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	438	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
SE by Thompson	11/15/2012		2-3'					<25.0	<25.0	43.5J	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*6,080*	*121*	*435*	<25.0		
NE by Thompson	11/15/2012		3'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*1,170*	*45.4J*	*122*	<25.0		
N Wall	11/15/2012		8'					<100	<100	<100	<100	<300	<162	5,330	<100	1,160	<100	<100	<100	<100	<100	*2,100*	<100		
NE Floor	11/15/2012		12'					<100	<100	<100	<100	<300	<162	126J	<100	<100	<100	<100	<100	*20,100*	*126J*	*488*	<100		
NW Wall at Jct w Water Vault Excvn	11/15/2012		8'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	37.7J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*36.3J*	<25.0		
W-A	11/16/2012	NW by Smokestack	7-8'					<50.0	<50.0	*1,720*	444	<175	747	550	<50.0	100J	331	<50.0	168	<50.0	<50.0	<50.0	<50.0		
W-B	11/16/2012	NW	7-8'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		1,4-Dichlorobenzene 36.5J
W-C	11/16/2012	NW	7-8'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
W-D (floor)	11/16/2012	W	13'					<25.0	<25.0	46.8J	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*318*	<25.0	*95.8*	<25.0		Toluene 46.2J
NE Wall	11/27/2012	NE By USTs	6'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	*324*	<25.0	<25.0	<25.0		
N Floor	11/27/2012	NE By USTs	10'					<25.0	<25.0	<25.0	<25.0	<75.0	<40.4	182	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
Utility Corridor Investiagtion Sept 12, 2013																									
GP-72	9/13/2013		4-5'					*216*	65.6J	<25.0	<25.0	71.8J	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		44.1J Methylene Chloride
GP-72	9/13/2013		14-16'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		32.4J Methylene Chloride
GP-73	9/12/2013		6-5'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-73	9/12/2013		14-15'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		30.6J Methylene Chloride
GP-74	9/13/2013		3-4'					*48.0J*	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		34.5J Methylene Chloride
GP-74	9/13/2013		14-16'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		30.9J Methylene Chloride
GP-75	9/13/2013		2.5-4'					*415*	593	*571*	203	748	<25.0	<25.0	<25.0	111	<25.0	*1,400*	40.5J	<25.0	<25.0	<25.0	<25.0		234 Toluene
GP-75	9/13/2013		14-16'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		31.3J Methylene Chloride
GP-76	9/12/2013		8-10'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
GP-76	9/12/2013		19-20'					<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		
Trip Blank	9/13/2013							<25.0	<25.0	<25.0	<25.0	<75.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0		25.3J Methylene Chloride

TABLE A.2.1
SOIL ANALYTICAL RESULTS - VOC PARAMETERS
GUNDERSON CLEANERS, OSHKOSH, WI

								PVOC'S					OTHER PVOC'S							CHLORINATED VOC'S					
Boring ID	Date	Site Location	Depth (ft bgs)	Soil Type	PID Reading (su)	FID Reading	DRO (mg/kg)	Benzene (ug/kg)	Ethyl benzene (ug/kg)	1,2,4 TMB (ug/kg)	1,3,5 TMB (ug/kg)	Xylenes (ug/kg)	n-Butyl benzene (ug/kg)	sec-Butyl benzene (ug/kg)	tert-Butyl benzene (ug/kg)	Isopropyl benzene (ug/kg)	p-Isopropyl toluene (ug/kg)	Naphtha lene (ug/kg)	n-Propyl benzene (ug/kg)	PCE (ug/kg)	TCE (ug/kg)	cis-1,2 DCE (ug/kg)	Vinyl Chloride (ug/kg)	Total Organic Carbon (percent)	OTHER
SITE INVESTIGATION WELLS																									
MW-101	9/2/2004	N. of Dock Door	7.5-8'	Silty Clay / Gravel	594		979		<29	*1,110*	<29	<40	1,610	2,760	<29	495	392	<29	772	<29	<29	<29	<40	NA	
MW-101	9/2/2004	N. of Dock Door	8-10'	Silty Clay / Gravel	303		NA		TCLP VOC ALL ND													TCLP VOC ALL ND		NA	
MW-101	9/2/2004	N. of Dock Door	14-16'	Silty Clay / Gravel	0.8		15		<30	<30	<30	<41	<30	<30	<30	<30	<30	<30	<30	<30	<30	*461*	<41	NA	
MW-102	9/2/2004	E. of Thompson Studio	7-9'	Silty Clay / Gravel	0.8		<5.8		<29	<29	<29	<40	<29	<29	<29	<29	<29	<29	<29	*85*	<29	<29	<40	NA	
MW-102	9/2/2004	E. of Thompson Studio	11-12.5'	Silty Clay / Gravel	0.8		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.119	
MW-103	9/2/2004	Near SE Corner of Thompson Studio	7-9'	Silty Clay / Gravel	0.8		<6.0		<30	<30	<30	<42	<30	<30	<30	<30	<30	<30	<30	*51*	<30	*56*	<42	NA	
MW-104	9/3/2004	S. of High Ave	7-9'	Sand / Gravel / Silty Clay	0.8		<6.0		<30	<30	<30	<42	<30	<30	<30	<30	<30	<30	<30	*94*	<30	<30	<42	NA	
MW-104	9/3/2004	S. of High Ave	15-17'	Silty Clay / Gravel	3.3		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.55	
MW-105	9/3/2004	S. of High Ave	7-9'	Silty Clay / Gravel	1.6		<5.8		<29	<29	<29	<41	<29	<29	<29	<29	<29	<29	<29	<29	<29	<29	<41	NA	
MW-105	9/3/2004	S. of High Ave	15-15.7'	Silty Clay / Gravel	2.5		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.74	
PZ-107	9/2/2004	Near SE Corner of Building	7-9'	Silty Clay / Gravel	1.7		47		<28	<28	<28	<40	<28	<28	<28	<28	<28	<28	<28	<28	<28	<28	<40	NA	
PZ-107	9/2/2004	Near SE Corner of Building	13-15'	Silty Clay / Gravel	2.5		NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.115	
PZ-107	9/2/2004	Near SE Corner of Building	33-35'	Silty Clay / Gravel	0.8		14		<28	<28	<28	<40	<28	<28	<28	<28	<28	<28	<28	<28	<28	<28	<40	3.35	
MW-108	9/2/2004	Alley, NE of Building	7-9'	Silty Clay / Gravel	27		693		<29	<29	<29	<41	<29	36	<29	<29	<29	<29	<29	<29	<29	<29	<41	NA	
MW-109	4/19/2006	Parking lot, NE of Building	5-5.5'	Silty Sand / Gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
MW-109	4/19/2006	Parking lot, NE of Building	16-17'	Clay with sand	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
MW-110	4/19/2006	SE of Property, near Opera House	7-9'	Clay with trace gravel	3		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	*260*	<25	*44*	<25	NA	
MW-110	4/19/2006	SE of Property, near Opera House	15-17'	Clay with trace gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	*150*	<25	NA	
PZ-111	4/19/2006	S. of High Ave	34-36'	Clay with gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
MW-112	4/20/2006	S. of High Ave	7-9'	Sandy clay with gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
MW-112	4/20/2006	S. of High Ave	15-17'	Clay with trace gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
MW-113	4/20/2006	S. of High Ave	7-9'	Clay with gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
MW-113	4/20/2006	S. of High Ave	11-13'	Clay with gravel	1.7		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
PZ-115	10/29/2007	NE of Property, near Opera House	5-9'	Clay with gravel	1.0		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
PZ-115	10/29/2007	NE of Property, near Opera House	33-35'	Clay with gravel	1.0		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	
PZ-117	10/29/2007	S. of High Ave	7-9'	Clay with gravel	0.0		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	*71*	<25	<25	<25	NA	
PZ-117	10/29/2007	S. of High Ave	21-23'	Silt with gravel	6.0		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	*4,600*	*2,200*	*380*	<25	NA	
PZ-117	10/29/2007	S. of High Ave	33-35'	Clay with gravel	0.0		NA		<25	<25	<25	<50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NA	

Notes:

TMB= trimethylbenzene
NS = No standard established
BOLD indicates exceedance of Non-Residental Direct Contact RCL
ITALICS indicates exceedance of Groundwater Pathway RCL
*: Sample had detection of toluene at 250 ug/kg
** Sample had detection of 1,4-Dichlorobenzene at 239 ug/kg
*** Sample had detection of 1,4-Dichlorobenzene at 29.1J ug/kg
++ Sample had detection of 1,2-Dichloropropane at 94.9 ug/kg

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

November 14, 2012

Ken Ebbott
Alpha Terra Science - Plymouth
1237 South Pilgrim Rd
Plymouth, WI 53073

RE: Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Dear Ken Ebbott:
Enclosed are the analytical results for sample(s) received by the laboratory on November 01, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4069886001	**ALLEY: SW CORNER WALL UNDER GS**	Solid	10/29/12 14:50	11/01/12 13:40
4069886002	**ALLEY: NW CORNER WALL 8-9'**	Solid	10/29/12 14:45	11/01/12 13:40
4069886003	**ALLEY: W WALL 8-9'**	Solid	10/29/12 14:10	11/01/12 13:40
4069886004	**ALLEY: S WALL CENTER 7.5-8'**	Solid	10/29/12 14:35	11/01/12 13:40
4069886005	**ALLEY: NW CORNER FLOOR 13.5'**	Solid	10/29/12 14:00	11/01/12 13:40
4069886006	**ALLEY: SW WALL 8-9'**	Solid	10/29/12 14:30	11/01/12 13:40
4069886007	**ALLEY: N WALL CENTER 8-9'**	Solid	10/29/12 14:40	11/01/12 13:40
4069886008	**ALLEY: S CENTER FLOOR 13.5'**	Solid	10/29/12 10:30	11/01/12 13:40
4069886009	**ALLEY: E WALL UNDER SAN 7.5'**	Solid	10/29/12 15:00	11/01/12 13:40
4069886010	**MEOH BLANK**	Solid	10/29/12 00:00	11/01/12 13:40

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4069886001	**ALLEY: SW CORNER WALL UNDER GS**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4069886002	**ALLEY: NW CORNER WALL 8-9'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4069886003	**ALLEY: W WALL 8-9'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4069886004	**ALLEY: S WALL CENTER 7.5-8'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4069886005	**ALLEY: NW CORNER FLOOR 13.5'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4069886006	**ALLEY: SW WALL 8-9'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4069886007	**ALLEY: N WALL CENTER 8-9'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4069886008	**ALLEY: S CENTER FLOOR 13.5'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4069886009	**ALLEY: E WALL UNDER SAN 7.5'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4069886010	**MEOH BLANK**	EPA 8260	SMT	64	PASI-G

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: SW CORNER WALL UNDER GS **Lab ID: 4069886001** Collected: 10/29/12 14:50 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/07/12 10:24	11/07/12 13:01	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/07/12 10:24	11/07/12 13:01	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/07/12 10:24	11/07/12 13:01	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/07/12 10:24	11/07/12 13:01	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/07/12 10:24	11/07/12 13:01	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	103-65-1	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: SW CORNER WALL UNDER GS **Lab ID: 4069886001** Collected: 10/29/12 14:50 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	79-34-5	W
Tetrachloroethene	**341**	ug/kg	68.7	28.6	1	11/07/12 10:24	11/07/12 13:01	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/07/12 10:24	11/07/12 13:01	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:01	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	110	%.	57-130		1	11/07/12 10:24	11/07/12 13:01	1868-53-7	
Toluene-d8 (S)	107	%.	54-133		1	11/07/12 10:24	11/07/12 13:01	2037-26-5	
4-Bromofluorobenzene (S)	104	%.	49-130		1	11/07/12 10:24	11/07/12 13:01	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.6**	%	0.10	0.10	1		11/13/12 17:47		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: NW CORNER WALL 8-9' **Lab ID: 4069886002** Collected: 10/29/12 14:45 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/07/12 10:24	11/07/12 13:24	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/07/12 10:24	11/07/12 13:24	104-51-8	W
sec-Butylbenzene	**72.4**	ug/kg	68.6	28.6	1	11/07/12 10:24	11/07/12 13:24	135-98-8	
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/07/12 10:24	11/07/12 13:24	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/07/12 10:24	11/07/12 13:24	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/07/12 10:24	11/07/12 13:24	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	103-65-1	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: NW CORNER WALL 8-9' **Lab ID: 4069886002** Collected: 10/29/12 14:45 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/07/12 10:24	11/07/12 13:24	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:24	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	109	%.	57-130		1	11/07/12 10:24	11/07/12 13:24	1868-53-7	
Toluene-d8 (S)	107	%.	54-133		1	11/07/12 10:24	11/07/12 13:24	2037-26-5	
4-Bromofluorobenzene (S)	103	%.	49-130		1	11/07/12 10:24	11/07/12 13:24	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.5**	%	0.10	0.10	1		11/13/12 17:47		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: W WALL 8-9' **Lab ID: 4069886003** Collected: 10/29/12 14:10 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/07/12 10:24	11/07/12 13:47	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/07/12 10:24	11/07/12 13:47	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/07/12 10:24	11/07/12 13:47	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/07/12 10:24	11/07/12 13:47	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	75-35-4	W
cis-1,2-Dichloroethene	**71.7J**	ug/kg	71.8	29.9	1	11/07/12 10:24	11/07/12 13:47	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/07/12 10:24	11/07/12 13:47	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: W WALL 8-9' **Lab ID: 4069886003** Collected: 10/29/12 14:10 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	79-34-5	W
Tetrachloroethene	**91.4**	ug/kg	71.8	29.9	1	11/07/12 10:24	11/07/12 13:47	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/07/12 10:24	11/07/12 13:47	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 13:47	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	99	%.	57-130		1	11/07/12 10:24	11/07/12 13:47	1868-53-7	
Toluene-d8 (S)	95	%.	54-133		1	11/07/12 10:24	11/07/12 13:47	2037-26-5	
4-Bromofluorobenzene (S)	91	%.	49-130		1	11/07/12 10:24	11/07/12 13:47	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.4**	%	0.10	0.10	1		11/13/12 17:47		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: S WALL CENTER 7.5-8' **Lab ID: 4069886004** Collected: 10/29/12 14:35 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	71-43-2	W
Bromobenzene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	108-86-1	W
Bromochloromethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	74-97-5	W
Bromodichloromethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	75-27-4	W
Bromoform	**<51.8**	ug/kg	120	51.8	2	11/07/12 10:24	11/07/12 19:55	75-25-2	W
Bromomethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	74-83-9	W
n-Butylbenzene	**<80.8**	ug/kg	120	80.8	2	11/07/12 10:24	11/07/12 19:55	104-51-8	W
sec-Butylbenzene	**5250**	ug/kg	140	58.4	2	11/07/12 10:24	11/07/12 19:55	135-98-8	
tert-Butylbenzene	**140J**	ug/kg	140	58.4	2	11/07/12 10:24	11/07/12 19:55	98-06-6	
Carbon tetrachloride	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	56-23-5	W
Chlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	108-90-7	W
Chloroethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	75-00-3	W
Chloroform	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	67-66-3	W
Chloromethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	74-87-3	W
2-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	95-49-8	W
4-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	106-43-4	W
1,2-Dibromo-3-chloropropane	**<165**	ug/kg	500	165	2	11/07/12 10:24	11/07/12 19:55	96-12-8	W
Dibromochloromethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	124-48-1	W
1,2-Dibromoethane (EDB)	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	106-93-4	W
Dibromomethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	74-95-3	W
1,2-Dichlorobenzene	**<88.8**	ug/kg	120	88.8	2	11/07/12 10:24	11/07/12 19:55	95-50-1	W
1,3-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	541-73-1	W
1,4-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	106-46-7	W
Dichlorodifluoromethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	75-71-8	W
1,1-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	75-34-3	W
1,2-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	107-06-2	W
1,1-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	75-35-4	W
cis-1,2-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	156-59-2	W
trans-1,2-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	156-60-5	W
1,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	78-87-5	W
1,3-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	142-28-9	W
2,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	594-20-7	W
1,1-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	563-58-6	W
cis-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	10061-01-5	W
trans-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	10061-02-6	W
Diisopropyl ether	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	108-20-3	W
Ethylbenzene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	100-41-4	W
Hexachloro-1,3-butadiene	**<52.8**	ug/kg	120	52.8	2	11/07/12 10:24	11/07/12 19:55	87-68-3	W
Isopropylbenzene (Cumene)	**257**	ug/kg	140	58.4	2	11/07/12 10:24	11/07/12 19:55	98-82-8	
p-Isopropyltoluene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	99-87-6	W
Methylene Chloride	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	75-09-2	W
Methyl-tert-butyl ether	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	1634-04-4	W
Naphthalene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	91-20-3	W
n-Propylbenzene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	103-65-1	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: S WALL CENTER 7.5-8' **Lab ID: 4069886004** Collected: 10/29/12 14:35 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Styrene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	100-42-5	W
1,1,1,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	630-20-6	W
1,1,2,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	79-34-5	W
Tetrachloroethene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	127-18-4	W
Toluene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	108-88-3	W
1,2,3-Trichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	87-61-6	W
1,2,4-Trichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	120-82-1	W
1,1,1-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	71-55-6	W
1,1,2-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	79-00-5	W
Trichloroethene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	79-01-6	W
Trichlorofluoromethane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	75-69-4	W
1,2,3-Trichloropropane	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	96-18-4	W
1,2,4-Trimethylbenzene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	95-63-6	W
1,3,5-Trimethylbenzene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	108-67-8	W
Vinyl chloride	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	75-01-4	W
m&p-Xylene	**<100**	ug/kg	240	100	2	11/07/12 10:24	11/07/12 19:55	179601-23-1	W
o-Xylene	**<50.0**	ug/kg	120	50.0	2	11/07/12 10:24	11/07/12 19:55	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	101	%.	57-130		2	11/07/12 10:24	11/07/12 19:55	1868-53-7	D3
Toluene-d8 (S)	103	%.	54-133		2	11/07/12 10:24	11/07/12 19:55	2037-26-5	
4-Bromofluorobenzene (S)	110	%.	49-130		2	11/07/12 10:24	11/07/12 19:55	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.3**	%	0.10	0.10	1		11/13/12 17:47		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: NW CORNER FLOOR 13.5' **Lab ID: 4069886005** Collected: 10/29/12 14:00 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/07/12 10:24	11/07/12 14:10	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/07/12 10:24	11/07/12 14:10	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/07/12 10:24	11/07/12 14:10	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/07/12 10:24	11/07/12 14:10	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/07/12 10:24	11/07/12 14:10	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	103-65-1	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: NW CORNER FLOOR 13.5' **Lab ID: 4069886005** Collected: 10/29/12 14:00 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	79-34-5	W
Tetrachloroethene	**994**	ug/kg	67.5	28.1	1	11/07/12 10:24	11/07/12 14:10	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/07/12 10:24	11/07/12 14:10	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:10	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	100	%.	57-130		1	11/07/12 10:24	11/07/12 14:10	1868-53-7	
Toluene-d8 (S)	98	%.	54-133		1	11/07/12 10:24	11/07/12 14:10	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	49-130		1	11/07/12 10:24	11/07/12 14:10	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.1**	%	0.10	0.10	1		11/13/12 17:47		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: SW WALL 8-9' **Lab ID: 4069886006** Collected: 10/29/12 14:30 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/07/12 10:24	11/07/12 14:33	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/07/12 10:24	11/07/12 14:33	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/07/12 10:24	11/07/12 14:33	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/07/12 10:24	11/07/12 14:33	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/07/12 10:24	11/07/12 14:33	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: SW WALL 8-9' **Lab ID: 4069886006** Collected: 10/29/12 14:30 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	79-34-5	W
Tetrachloroethene	**78.3**	ug/kg	70.0	29.2	1	11/07/12 10:24	11/07/12 14:33	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/07/12 10:24	11/07/12 14:33	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:33	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	108	%.	57-130		1	11/07/12 10:24	11/07/12 14:33	1868-53-7	
Toluene-d8 (S)	106	%.	54-133		1	11/07/12 10:24	11/07/12 14:33	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	49-130		1	11/07/12 10:24	11/07/12 14:33	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.3**	%	0.10	0.10	1		11/13/12 17:47		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: N WALL CENTER 8-9' **Lab ID: 4069886007** Collected: 10/29/12 14:40 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/07/12 10:24	11/07/12 14:56	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/07/12 10:24	11/07/12 14:56	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/07/12 10:24	11/07/12 14:56	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/07/12 10:24	11/07/12 14:56	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	75-35-4	W
cis-1,2-Dichloroethene	**95.1**	ug/kg	68.8	28.7	1	11/07/12 10:24	11/07/12 14:56	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/07/12 10:24	11/07/12 14:56	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	103-65-1	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: N WALL CENTER 8-9' **Lab ID: 4069886007** Collected: 10/29/12 14:40 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	79-34-5	W
Tetrachloroethene	**710**	ug/kg	68.8	28.7	1	11/07/12 10:24	11/07/12 14:56	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/07/12 10:24	11/07/12 14:56	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 14:56	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	98	%.	57-130		1	11/07/12 10:24	11/07/12 14:56	1868-53-7	
Toluene-d8 (S)	97	%.	54-133		1	11/07/12 10:24	11/07/12 14:56	2037-26-5	
4-Bromofluorobenzene (S)	93	%.	49-130		1	11/07/12 10:24	11/07/12 14:56	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.8**	%	0.10	0.10	1		11/13/12 17:47		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: S CENTER FLOOR 13.5' **Lab ID: 4069886008** Collected: 10/29/12 10:30 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/07/12 10:24	11/07/12 15:19	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/07/12 10:24	11/07/12 15:19	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/07/12 10:24	11/07/12 15:19	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/07/12 10:24	11/07/12 15:19	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	75-35-4	W
cis-1,2-Dichloroethene	**141**	ug/kg	66.1	27.5	1	11/07/12 10:24	11/07/12 15:19	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/07/12 10:24	11/07/12 15:19	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	103-65-1	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: S CENTER FLOOR 13.5' **Lab ID: 4069886008** Collected: 10/29/12 10:30 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	79-34-5	W
Tetrachloroethene	**5280**	ug/kg	66.1	27.5	1	11/07/12 10:24	11/07/12 15:19	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	79-00-5	W
Trichloroethene	**65.1J**	ug/kg	66.1	27.5	1	11/07/12 10:24	11/07/12 15:19	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/07/12 10:24	11/07/12 15:19	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:19	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	110	%.	57-130		1	11/07/12 10:24	11/07/12 15:19	1868-53-7	
Toluene-d8 (S)	110	%.	54-133		1	11/07/12 10:24	11/07/12 15:19	2037-26-5	
4-Bromofluorobenzene (S)	108	%.	49-130		1	11/07/12 10:24	11/07/12 15:19	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.2**	%	0.10	0.10	1		11/13/12 17:48		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: E WALL UNDER SAN 7.5' **Lab ID: 4069886009** Collected: 10/29/12 15:00 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/07/12 10:24	11/07/12 15:42	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/07/12 10:24	11/07/12 15:42	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/07/12 10:24	11/07/12 15:42	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/07/12 10:24	11/07/12 15:42	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	75-35-4	W
cis-1,2-Dichloroethene	**111**	ug/kg	67.9	28.3	1	11/07/12 10:24	11/07/12 15:42	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/07/12 10:24	11/07/12 15:42	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	103-65-1	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: ALLEY: E WALL UNDER SAN 7.5' **Lab ID: 4069886009** Collected: 10/29/12 15:00 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	100-42-5	W
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	79-34-5	W
Tetrachloroethene	**2330**	ug/kg	67.9	28.3	1	11/07/12 10:24	11/07/12 15:42	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	79-00-5	W
Trichloroethene	**120**	ug/kg	67.9	28.3	1	11/07/12 10:24	11/07/12 15:42	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/07/12 10:24	11/07/12 15:42	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/07/12 10:24	11/07/12 15:42	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	104	%.	57-130		1	11/07/12 10:24	11/07/12 15:42	1868-53-7	
Toluene-d8 (S)	99	%.	54-133		1	11/07/12 10:24	11/07/12 15:42	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	49-130		1	11/07/12 10:24	11/07/12 15:42	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.6**	%	0.10	0.10	1		11/13/12 17:48		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: MEOH BLANK **Lab ID: 4069886010** Collected: 10/29/12 00:00 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/05/12 13:14	11/05/12 15:00	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/05/12 13:14	11/05/12 15:00	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/05/12 13:14	11/05/12 15:00	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/05/12 13:14	11/05/12 15:00	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/05/12 13:14	11/05/12 15:00	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Sample: MEOH BLANK **Lab ID: 4069886010** Collected: 10/29/12 00:00 Received: 11/01/12 13:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/05/12 13:14	11/05/12 15:00	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/05/12 13:14	11/05/12 15:00	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	96	%.	57-130		1	11/05/12 13:14	11/05/12 15:00	1868-53-7	
Toluene-d8 (S)	92	%.	54-133		1	11/05/12 13:14	11/05/12 15:00	2037-26-5	
4-Bromofluorobenzene (S)	90	%.	49-130		1	11/05/12 13:14	11/05/12 15:00	460-00-4	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

QC Batch: MSV/17559
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4069886010

METHOD BLANK: 706557
Matrix: Solid
Associated Lab Samples: 4069886010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/05/12 11:56	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	11/05/12 11:56	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/05/12 11:56	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	11/05/12 11:56	
1,1-Dichloroethane	ug/kg	<25.0	60.0	11/05/12 11:56	
1,1-Dichloroethene	ug/kg	<25.0	60.0	11/05/12 11:56	
1,1-Dichloropropene	ug/kg	<25.0	60.0	11/05/12 11:56	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	11/05/12 11:56	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	11/05/12 11:56	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	11/05/12 11:56	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	11/05/12 11:56	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	11/05/12 11:56	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	11/05/12 11:56	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	11/05/12 11:56	
1,2-Dichloroethane	ug/kg	<25.0	60.0	11/05/12 11:56	
1,2-Dichloropropane	ug/kg	<25.0	60.0	11/05/12 11:56	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	11/05/12 11:56	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	11/05/12 11:56	
1,3-Dichloropropane	ug/kg	<25.0	60.0	11/05/12 11:56	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	11/05/12 11:56	
2,2-Dichloropropane	ug/kg	<25.0	60.0	11/05/12 11:56	
2-Chlorotoluene	ug/kg	<25.0	60.0	11/05/12 11:56	
4-Chlorotoluene	ug/kg	<25.0	60.0	11/05/12 11:56	
Benzene	ug/kg	<25.0	60.0	11/05/12 11:56	
Bromobenzene	ug/kg	<25.0	60.0	11/05/12 11:56	
Bromochloromethane	ug/kg	<25.0	60.0	11/05/12 11:56	
Bromodichloromethane	ug/kg	<25.0	60.0	11/05/12 11:56	
Bromoform	ug/kg	<25.9	60.0	11/05/12 11:56	
Bromomethane	ug/kg	<25.0	60.0	11/05/12 11:56	
Carbon tetrachloride	ug/kg	<25.0	60.0	11/05/12 11:56	
Chlorobenzene	ug/kg	<25.0	60.0	11/05/12 11:56	
Chloroethane	ug/kg	<25.0	60.0	11/05/12 11:56	
Chloroform	ug/kg	<25.0	60.0	11/05/12 11:56	
Chloromethane	ug/kg	<25.0	60.0	11/05/12 11:56	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/05/12 11:56	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/05/12 11:56	
Dibromochloromethane	ug/kg	<25.0	60.0	11/05/12 11:56	
Dibromomethane	ug/kg	<25.0	60.0	11/05/12 11:56	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	11/05/12 11:56	
Diisopropyl ether	ug/kg	<25.0	60.0	11/05/12 11:56	
Ethylbenzene	ug/kg	<25.0	60.0	11/05/12 11:56	
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	11/05/12 11:56	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	11/05/12 11:56	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

METHOD BLANK: 706557 Matrix: Solid

Associated Lab Samples: 4069886010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	11/05/12 11:56	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	11/05/12 11:56	
Methylene Chloride	ug/kg	<25.0	60.0	11/05/12 11:56	
n-Butylbenzene	ug/kg	<40.4	60.0	11/05/12 11:56	
n-Propylbenzene	ug/kg	<25.0	60.0	11/05/12 11:56	
Naphthalene	ug/kg	<25.0	60.0	11/05/12 11:56	
o-Xylene	ug/kg	<25.0	60.0	11/05/12 11:56	
p-Isopropyltoluene	ug/kg	<25.0	60.0	11/05/12 11:56	
sec-Butylbenzene	ug/kg	<25.0	60.0	11/05/12 11:56	
Styrene	ug/kg	<25.0	60.0	11/05/12 11:56	
tert-Butylbenzene	ug/kg	<25.0	60.0	11/05/12 11:56	
Tetrachloroethene	ug/kg	<25.0	60.0	11/05/12 11:56	
Toluene	ug/kg	<25.0	60.0	11/05/12 11:56	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/05/12 11:56	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/05/12 11:56	
Trichloroethene	ug/kg	<25.0	60.0	11/05/12 11:56	
Trichlorofluoromethane	ug/kg	<25.0	60.0	11/05/12 11:56	
Vinyl chloride	ug/kg	<25.0	60.0	11/05/12 11:56	
4-Bromofluorobenzene (S)	%.	91	49-130	11/05/12 11:56	
Dibromofluoromethane (S)	%.	93	57-130	11/05/12 11:56	
Toluene-d8 (S)	%.	92	54-133	11/05/12 11:56	

LABORATORY CONTROL SAMPLE & LCSD: 706558 706559

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2310	2030	92	81	70-130	13	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2130	2260	85	90	70-130	6	20	
1,1,2-Trichloroethane	ug/kg	2500	2240	2390	90	95	70-130	6	20	
1,1-Dichloroethane	ug/kg	2500	2420	2370	97	95	70-130	2	20	
1,1-Dichloroethene	ug/kg	2500	2400	1860	96	75	64-130	25	20	D6
1,2,4-Trichlorobenzene	ug/kg	2500	2240	2410	90	96	68-130	7	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1830	1910	73	76	50-150	4	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2350	2480	94	99	70-130	5	20	
1,2-Dichlorobenzene	ug/kg	2500	2240	2390	90	96	70-130	7	20	
1,2-Dichloroethane	ug/kg	2500	2320	2340	93	94	70-130	1	20	
1,2-Dichloropropane	ug/kg	2500	2380	2470	95	99	70-130	4	20	
1,3-Dichlorobenzene	ug/kg	2500	2280	2350	91	94	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	2500	2270	2430	91	97	70-130	7	20	
Benzene	ug/kg	2500	2300	2230	92	89	70-130	3	20	
Bromodichloromethane	ug/kg	2500	2020	2140	81	86	70-130	6	20	
Bromoform	ug/kg	2500	1820	2010	73	80	63-130	10	20	
Bromomethane	ug/kg	2500	2210	2010	89	80	41-142	10	20	
Carbon tetrachloride	ug/kg	2500	2190	1860	88	74	70-130	16	20	
Chlorobenzene	ug/kg	2500	2320	2420	93	97	70-130	4	20	
Chloroethane	ug/kg	2500	2180	1870	87	75	57-130	15	20	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

LABORATORY CONTROL SAMPLE & LCSD: 706558 706559

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/kg	2500	2640	2610	106	105	70-130	1	20	
Chloromethane	ug/kg	2500	2170	1770	87	71	57-130	20	20	
cis-1,2-Dichloroethene	ug/kg	2500	2290	2240	91	90	70-130	2	20	
cis-1,3-Dichloropropene	ug/kg	2500	2030	2150	81	86	70-130	6	20	
Dibromochloromethane	ug/kg	2500	2020	2210	81	88	70-130	9	20	
Dichlorodifluoromethane	ug/kg	2500	1790	776	71	31	31-150	79	20	D6
Ethylbenzene	ug/kg	2500	2320	2310	93	92	65-137	0	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2330	2320	93	93	70-130	1	20	
m&p-Xylene	ug/kg	5000	4620	4770	92	95	64-139	3	20	
Methyl-tert-butyl ether	ug/kg	2500	2320	2370	93	95	69-130	2	20	
Methylene Chloride	ug/kg	2500	2320	2360	93	94	70-130	1	20	
o-Xylene	ug/kg	2500	2330	2410	93	97	63-135	4	20	
Styrene	ug/kg	2500	2270	2380	91	95	69-130	5	20	
Tetrachloroethene	ug/kg	2500	2380	2210	95	88	70-130	8	20	
Toluene	ug/kg	2500	2320	2310	93	92	70-130	0	20	
trans-1,2-Dichloroethene	ug/kg	2500	2260	2070	90	83	70-130	9	20	
trans-1,3-Dichloropropene	ug/kg	2500	2020	2170	81	87	70-130	7	20	
Trichloroethene	ug/kg	2500	2330	2220	93	89	70-130	5	20	
Trichlorofluoromethane	ug/kg	2500	2580	1610	103	64	50-150	46	20	D6
Vinyl chloride	ug/kg	2500	2240	1550	90	62	57-130	37	20	D6
4-Bromofluorobenzene (S)	%.				94	93	49-130			
Dibromofluoromethane (S)	%.				106	101	57-130			
Toluene-d8 (S)	%.				97	93	54-133			

MATRIX SPIKE SAMPLE: 706560

Parameter	Units	4069827002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	<25.0	3000	2930	97	63-139	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	3000	2600	86	52-149	
1,1,2-Trichloroethane	ug/kg	<25.0	3000	2780	93	65-134	
1,1-Dichloroethane	ug/kg	<25.0	3000	2910	97	55-138	
1,1-Dichloroethene	ug/kg	<25.0	3000	2900	97	50-133	
1,2,4-Trichlorobenzene	ug/kg	<25.0	3000	2850	94	68-130	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	3000	2330	78	50-150	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	3000	2870	96	67-130	
1,2-Dichlorobenzene	ug/kg	<44.4	3000	2790	93	70-130	
1,2-Dichloroethane	ug/kg	<25.0	3000	2730	91	58-142	
1,2-Dichloropropane	ug/kg	<25.0	3000	2940	98	59-135	
1,3-Dichlorobenzene	ug/kg	<25.0	3000	2820	94	70-130	
1,4-Dichlorobenzene	ug/kg	<25.0	3000	2820	94	68-130	
Benzene	ug/kg	<25.0	3000	2840	95	41-130	
Bromodichloromethane	ug/kg	<25.0	3000	2550	85	58-136	
Bromoform	ug/kg	<25.9	3000	2360	79	33-162	
Bromomethane	ug/kg	<25.0	3000	2560	85	31-156	
Carbon tetrachloride	ug/kg	<25.0	3000	2740	91	56-146	
Chlorobenzene	ug/kg	<25.0	3000	2890	96	67-130	
Chloroethane	ug/kg	<25.0	3000	2490	83	18-187	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

MATRIX SPIKE SAMPLE: 706560

Parameter	Units	4069827002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloroform	ug/kg	<25.0	3000	3140	105	63-135	
Chloromethane	ug/kg	<25.0	3000	2420	81	36-130	
cis-1,2-Dichloroethene	ug/kg	<25.0	3000	2740	91	59-130	
cis-1,3-Dichloropropene	ug/kg	<25.0	3000	2520	84	61-130	
Dibromochloromethane	ug/kg	<25.0	3000	2590	86	51-145	
Dichlorodifluoromethane	ug/kg	<25.0	3000	1830	61	15-150	
Ethylbenzene	ug/kg	<25.0	3000	2880	96	25-150	
Isopropylbenzene (Cumene)	ug/kg	<25.0	3000	2940	98	70-130	
m&p-Xylene	ug/kg	<50.0	6000	5830	97	26-146	
Methyl-tert-butyl ether	ug/kg	<25.0	3000	2700	90	54-130	
Methylene Chloride	ug/kg	<25.0	3000	2720	91	52-137	
o-Xylene	ug/kg	<25.0	3000	2950	98	20-149	
Styrene	ug/kg	<25.0	3000	2780	93	60-135	
Tetrachloroethene	ug/kg	<25.0	3000	2960	99	62-133	
Toluene	ug/kg	<25.0	3000	2910	96	34-136	
trans-1,2-Dichloroethene	ug/kg	<25.0	3000	2710	90	60-130	
trans-1,3-Dichloropropene	ug/kg	<25.0	3000	2510	84	53-136	
Trichloroethene	ug/kg	<25.0	3000	2820	94	66-131	
Trichlorofluoromethane	ug/kg	<25.0	3000	2900	97	50-150	
Vinyl chloride	ug/kg	<25.0	3000	2480	83	36-130	
4-Bromofluorobenzene (S)	%.				91	49-130	
Dibromofluoromethane (S)	%.				95	57-130	
Toluene-d8 (S)	%.				94	54-133	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

QC Batch: MSV/17578 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4069886001, 4069886002, 4069886003, 4069886004, 4069886005, 4069886006, 4069886007, 4069886008, 4069886009

METHOD BLANK: 707636 Matrix: Solid
Associated Lab Samples: 4069886001, 4069886002, 4069886003, 4069886004, 4069886005, 4069886006, 4069886007, 4069886008, 4069886009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/07/12 10:19	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	11/07/12 10:19	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/07/12 10:19	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	11/07/12 10:19	
1,1-Dichloroethane	ug/kg	<25.0	60.0	11/07/12 10:19	
1,1-Dichloroethene	ug/kg	<25.0	60.0	11/07/12 10:19	
1,1-Dichloropropene	ug/kg	<25.0	60.0	11/07/12 10:19	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	11/07/12 10:19	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	11/07/12 10:19	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	11/07/12 10:19	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	11/07/12 10:19	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	11/07/12 10:19	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	11/07/12 10:19	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	11/07/12 10:19	
1,2-Dichloroethane	ug/kg	<25.0	60.0	11/07/12 10:19	
1,2-Dichloropropane	ug/kg	<25.0	60.0	11/07/12 10:19	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	11/07/12 10:19	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	11/07/12 10:19	
1,3-Dichloropropane	ug/kg	<25.0	60.0	11/07/12 10:19	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	11/07/12 10:19	
2,2-Dichloropropane	ug/kg	<25.0	60.0	11/07/12 10:19	
2-Chlorotoluene	ug/kg	<25.0	60.0	11/07/12 10:19	
4-Chlorotoluene	ug/kg	<25.0	60.0	11/07/12 10:19	
Benzene	ug/kg	<25.0	60.0	11/07/12 10:19	
Bromobenzene	ug/kg	<25.0	60.0	11/07/12 10:19	
Bromochloromethane	ug/kg	<25.0	60.0	11/07/12 10:19	
Bromodichloromethane	ug/kg	<25.0	60.0	11/07/12 10:19	
Bromoform	ug/kg	<25.9	60.0	11/07/12 10:19	
Bromomethane	ug/kg	<25.0	60.0	11/07/12 10:19	
Carbon tetrachloride	ug/kg	<25.0	60.0	11/07/12 10:19	
Chlorobenzene	ug/kg	<25.0	60.0	11/07/12 10:19	
Chloroethane	ug/kg	<25.0	60.0	11/07/12 10:19	
Chloroform	ug/kg	<25.0	60.0	11/07/12 10:19	
Chloromethane	ug/kg	<25.0	60.0	11/07/12 10:19	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/07/12 10:19	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/07/12 10:19	
Dibromochloromethane	ug/kg	<25.0	60.0	11/07/12 10:19	
Dibromomethane	ug/kg	<25.0	60.0	11/07/12 10:19	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	11/07/12 10:19	
Diisopropyl ether	ug/kg	<25.0	60.0	11/07/12 10:19	
Ethylbenzene	ug/kg	<25.0	60.0	11/07/12 10:19	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

METHOD BLANK: 707636 Matrix: Solid

Associated Lab Samples: 4069886001, 4069886002, 4069886003, 4069886004, 4069886005, 4069886006, 4069886007, 4069886008, 4069886009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	11/07/12 10:19	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	11/07/12 10:19	
m&p-Xylene	ug/kg	<50.0	120	11/07/12 10:19	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	11/07/12 10:19	
Methylene Chloride	ug/kg	<25.0	60.0	11/07/12 10:19	
n-Butylbenzene	ug/kg	<40.4	60.0	11/07/12 10:19	
n-Propylbenzene	ug/kg	<25.0	60.0	11/07/12 10:19	
Naphthalene	ug/kg	<25.0	60.0	11/07/12 10:19	
o-Xylene	ug/kg	<25.0	60.0	11/07/12 10:19	
p-Isopropyltoluene	ug/kg	<25.0	60.0	11/07/12 10:19	
sec-Butylbenzene	ug/kg	<25.0	60.0	11/07/12 10:19	
Styrene	ug/kg	<25.0	60.0	11/07/12 10:19	
tert-Butylbenzene	ug/kg	<25.0	60.0	11/07/12 10:19	
Tetrachloroethene	ug/kg	<25.0	60.0	11/07/12 10:19	
Toluene	ug/kg	<25.0	60.0	11/07/12 10:19	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/07/12 10:19	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/07/12 10:19	
Trichloroethene	ug/kg	<25.0	60.0	11/07/12 10:19	
Trichlorofluoromethane	ug/kg	<25.0	60.0	11/07/12 10:19	
Vinyl chloride	ug/kg	<25.0	60.0	11/07/12 10:19	
4-Bromofluorobenzene (S)	%.	96	49-130	11/07/12 10:19	
Dibromofluoromethane (S)	%.	101	57-130	11/07/12 10:19	
Toluene-d8 (S)	%.	101	54-133	11/07/12 10:19	

LABORATORY CONTROL SAMPLE & LCSD: 707637 707638

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2330	2460	93	98	70-130	5	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2250	2270	90	91	70-130	1	20	
1,1,2-Trichloroethane	ug/kg	2500	2380	2410	95	97	70-130	1	20	
1,1-Dichloroethane	ug/kg	2500	2420	2520	97	101	70-130	4	20	
1,1-Dichloroethene	ug/kg	2500	2250	2450	90	98	64-130	9	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2310	2380	92	95	68-130	3	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	1850	1980	74	79	50-150	7	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2460	2510	99	100	70-130	2	20	
1,2-Dichlorobenzene	ug/kg	2500	2350	2380	94	95	70-130	2	20	
1,2-Dichloroethane	ug/kg	2500	2410	2410	96	96	70-130	0	20	
1,2-Dichloropropane	ug/kg	2500	2450	2480	98	99	70-130	1	20	
1,3-Dichlorobenzene	ug/kg	2500	2340	2380	93	95	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	2500	2360	2390	94	96	70-130	1	20	
Benzene	ug/kg	2500	2360	2400	94	96	70-130	2	20	
Bromodichloromethane	ug/kg	2500	2090	2160	83	86	70-130	3	20	
Bromoform	ug/kg	2500	1860	1930	74	77	63-130	4	20	
Bromomethane	ug/kg	2500	1850	1960	74	78	41-142	6	20	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

LABORATORY CONTROL SAMPLE & LCSD: 707637 707638

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	2500	2100	2250	84	90	70-130	7	20	
Chlorobenzene	ug/kg	2500	2390	2440	96	98	70-130	2	20	
Chloroethane	ug/kg	2500	2000	1990	80	80	57-130	1	20	
Chloroform	ug/kg	2500	2400	2510	96	101	70-130	5	20	
Chloromethane	ug/kg	2500	1710	1780	68	71	57-130	4	20	
cis-1,2-Dichloroethene	ug/kg	2500	2350	2390	94	95	70-130	1	20	
cis-1,3-Dichloropropene	ug/kg	2500	2130	2180	85	87	70-130	2	20	
Dibromochloromethane	ug/kg	2500	2070	2110	83	84	70-130	2	20	
Dichlorodifluoromethane	ug/kg	2500	1160	1290	46	52	31-150	10	20	
Ethylbenzene	ug/kg	2500	2380	2450	95	98	65-137	3	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2380	2470	95	99	70-130	4	20	
m&p-Xylene	ug/kg	5000	4770	4900	95	98	64-139	3	20	
Methyl-tert-butyl ether	ug/kg	2500	2370	2420	95	97	69-130	2	20	
Methylene Chloride	ug/kg	2500	2340	2410	93	97	70-130	3	20	
o-Xylene	ug/kg	2500	2400	2420	96	97	63-135	1	20	
Styrene	ug/kg	2500	2290	2330	91	93	69-130	2	20	
Tetrachloroethene	ug/kg	2500	2360	2430	94	97	70-130	3	20	
Toluene	ug/kg	2500	2360	2430	94	97	70-130	3	20	
trans-1,2-Dichloroethene	ug/kg	2500	2270	2380	91	95	70-130	5	20	
trans-1,3-Dichloropropene	ug/kg	2500	2120	2180	85	87	70-130	3	20	
Trichloroethene	ug/kg	2500	2410	2480	97	99	70-130	3	20	
Trichlorofluoromethane	ug/kg	2500	1990	2300	80	92	50-150	14	20	
Vinyl chloride	ug/kg	2500	1880	1990	75	80	57-130	6	20	
4-Bromofluorobenzene (S)	%.				95	92	49-130			
Dibromofluoromethane (S)	%.				103	100	57-130			
Toluene-d8 (S)	%.				99	97	54-133			

MATRIX SPIKE SAMPLE: 707639

Parameter	Units	4070052001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	<25.0	2520	2460	97	63-139	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	2520	2420	96	52-149	
1,1,2-Trichloroethane	ug/kg	<25.0	2520	2420	96	65-134	
1,1-Dichloroethane	ug/kg	<25.0	2520	2470	98	55-138	
1,1-Dichloroethene	ug/kg	<25.0	2520	2360	94	50-133	
1,2,4-Trichlorobenzene	ug/kg	<25.0	2520	2270	90	68-130	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	2520	2010	80	50-150	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	2520	2460	98	67-130	
1,2-Dichlorobenzene	ug/kg	<44.4	2520	2320	92	70-130	
1,2-Dichloroethane	ug/kg	<25.0	2520	2330	92	58-142	
1,2-Dichloropropane	ug/kg	<25.0	2520	2550	101	59-135	
1,3-Dichlorobenzene	ug/kg	<25.0	2520	2320	92	70-130	
1,4-Dichlorobenzene	ug/kg	<25.0	2520	2300	91	68-130	
Benzene	ug/kg	476	2520	2940	98	41-130	
Bromodichloromethane	ug/kg	<25.0	2520	2200	87	58-136	
Bromoform	ug/kg	<25.9	2520	2000	79	33-162	
Bromomethane	ug/kg	<25.0	2520	1900	75	31-156	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

MATRIX SPIKE SAMPLE: 707639

Parameter	Units	4070052001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/kg	<25.0	2520	2240	89	56-146	
Chlorobenzene	ug/kg	<25.0	2520	2390	95	67-130	
Chloroethane	ug/kg	<25.0	2520	1990	79	18-187	
Chloroform	ug/kg	<25.0	2520	2450	97	63-135	
Chloromethane	ug/kg	<25.0	2520	1740	69	36-130	
cis-1,2-Dichloroethene	ug/kg	<25.0	2520	2320	92	59-130	
cis-1,3-Dichloropropene	ug/kg	<25.0	2520	2200	87	61-130	
Dibromochloromethane	ug/kg	<25.0	2520	2160	86	51-145	
Dichlorodifluoromethane	ug/kg	<25.0	2520	1150	45	15-150	
Ethylbenzene	ug/kg	232	2520	2710	98	25-150	
Isopropylbenzene (Cumene)	ug/kg	89.3	2520	2610	100	70-130	
m&p-Xylene	ug/kg	941	5040	5960	100	26-146	
Methyl-tert-butyl ether	ug/kg	<25.0	2520	2460	98	54-130	
Methylene Chloride	ug/kg	<25.0	2520	2360	93	52-137	
o-Xylene	ug/kg	563	2520	3150	103	20-149	
Styrene	ug/kg	<25.0	2520	2360	94	60-135	
Tetrachloroethene	ug/kg	<25.0	2520	2390	95	62-133	
Toluene	ug/kg	1140	2520	3750	104	34-136	
trans-1,2-Dichloroethene	ug/kg	<25.0	2520	2290	91	60-130	
trans-1,3-Dichloropropene	ug/kg	<25.0	2520	2160	86	53-136	
Trichloroethene	ug/kg	<25.0	2520	2440	97	66-131	
Trichlorofluoromethane	ug/kg	<25.0	2520	2170	86	50-150	
Vinyl chloride	ug/kg	<25.0	2520	1910	76	36-130	
4-Bromofluorobenzene (S)	%.				96	49-130	
Dibromofluoromethane (S)	%.				110	57-130	
Toluene-d8 (S)	%.				103	54-133	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

QC Batch: PMST/7906
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4069886001, 4069886002, 4069886003, 4069886004, 4069886005, 4069886006, 4069886007, 4069886008, 4069886009

SAMPLE DUPLICATE: 711928

Parameter	Units	4070506001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	40.4	40.3	0	10	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSV/17561

[1] A matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/17586

[1] A matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
W	Non-detect results are reported on a wet weight basis.

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4069886

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4069886001	**ALLEY: SW CORNER WALL UNDER GS**	EPA 5035/5030B	MSV/17578	EPA 8260	MSV/17586
4069886002	**ALLEY: NW CORNER WALL 8-9'**	EPA 5035/5030B	MSV/17578	EPA 8260	MSV/17586
4069886003	**ALLEY: W WALL 8-9'**	EPA 5035/5030B	MSV/17578	EPA 8260	MSV/17586
4069886004	**ALLEY: S WALL CENTER 7.5-8'**	EPA 5035/5030B	MSV/17578	EPA 8260	MSV/17586
4069886005	**ALLEY: NW CORNER FLOOR 13.5'**	EPA 5035/5030B	MSV/17578	EPA 8260	MSV/17586
4069886006	**ALLEY: SW WALL 8-9'**	EPA 5035/5030B	MSV/17578	EPA 8260	MSV/17586
4069886007	**ALLEY: N WALL CENTER 8-9'**	EPA 5035/5030B	MSV/17578	EPA 8260	MSV/17586
4069886008	**ALLEY: S CENTER FLOOR 13.5'**	EPA 5035/5030B	MSV/17578	EPA 8260	MSV/17586
4069886009	**ALLEY: E WALL UNDER SAN 7.5'**	EPA 5035/5030B	MSV/17578	EPA 8260	MSV/17586
4069886010	**MEOH BLANK**	EPA 5035/5030B	MSV/17559	EPA 8260	MSV/17561
4069886001	**ALLEY: SW CORNER WALL UNDER GS**	ASTM D2974-87	PMST/7906		
4069886002	**ALLEY: NW CORNER WALL 8-9'**	ASTM D2974-87	PMST/7906		
4069886003	**ALLEY: W WALL 8-9'**	ASTM D2974-87	PMST/7906		
4069886004	**ALLEY: S WALL CENTER 7.5-8'**	ASTM D2974-87	PMST/7906		
4069886005	**ALLEY: NW CORNER FLOOR 13.5'**	ASTM D2974-87	PMST/7906		
4069886006	**ALLEY: SW WALL 8-9'**	ASTM D2974-87	PMST/7906		
4069886007	**ALLEY: N WALL CENTER 8-9'**	ASTM D2974-87	PMST/7906		
4069886008	**ALLEY: S CENTER FLOOR 13.5'**	ASTM D2974-87	PMST/7906		
4069886009	**ALLEY: E WALL UNDER SAN 7.5'**	ASTM D2974-87	PMST/7906		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

4069886

(Please Print Clearly)	
Company Name:	ALPHA TERRA SCIENCE
Branch/Location:	PLYMOUTH
Project Contact:	KEN ELLIOTT
Phone:	920 892 2444
Project Number:	GUN 2004-01
Project Name:	GUNDERSON OSHKOSH
Project State:	WI
Sampled By (Print):	KEN ELLIOTT
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	PERF PRICING 852
Mail To Contact:	KEN ELLIOTT SOIL VOC
Mail To Company:	ALPHA TERRA
Mail To Address:	1237 PILGRIM ROAD PLYMOUTH WI 53073
Invoice To Contact:	MR GARY GUNDERSON
Invoice To Company:	c/o ATS
Invoice To Address:	SAME
Invoice To Phone:	920 727-4010

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☒ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	ALLEY: SW CORNER WALL UNDER GUN SAN 7.5'	10-29-12	14:30	S	N	F	X	SET	1-40mlF; 1-4ozP^A	
002	" NW CORNER WALL 8-9'		14:45	S			X	PID 232		
003	" W WALL 8-9'		14:10	S			X			
004	" S WALL CENTER 2.5-8'		14:35	S			X	PID 400		
005	" NW CORNER FLOOR 13.5"		14:00	S			X			
006	" SW WALL 8-9'		14:30	S			X			
007	" N WALL CENTER 8-9'		14:40	S			X			
008	" S CENTER FLOOR 13.5"		10:30	S			X			
009	" E WALL UNDER SAN 7.5'		15:00	S			X			
010	MeOH BLANK	8-1-12	—	MeOH			X			

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	
Transmit Prelim Rush Results by (complete what you want):	
Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	11/1/12 11:40	D. Mielke	11/01/12 11:40
D. Mielke	11/01/12 13:40	E Helling PaceGB	11/1/12 1340

PACE Project No. 4069886

Receipt Temp = ROT °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present (Not Present) Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical

Sample Condition Upon Receipt

Client Name: Alpha Terra Project # 40698886

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None Other

Thermometer Used N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun.

Cooler Temperature ROI **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Optional
Proj. Due Date:
Proj. Name:

Person examining contents:
Date: 11/1/12
Initials: EMH

Temp should be above freezing to 6°C for all sample except Biota.
Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	Initial when completed / Lot # of added preservative
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 11/2/12

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)

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

November 25, 2012

Ken Ebbott
Alpha Terra Science - Plymouth
1237 South Pilgrim Rd
Plymouth, WI 53073

RE: Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

Dear Ken Ebbott:
Enclosed are the analytical results for sample(s) received by the laboratory on November 13, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4070498001	**CLAY NORTH 0.5-1'**	Solid	11/12/12 13:15	11/13/12 15:20
4070498002	**CLAY SOUTH 0.5-1'**	Solid	11/12/12 13:20	11/13/12 15:20
4070498003	**MEOH BLANK**	Solid	11/12/12 00:00	11/13/12 15:20

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4070498001	**CLAY NORTH 0.5-1'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
4070498002	**CLAY SOUTH 0.5-1'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	SKW	1	PASI-G
4070498003	**MEOH BLANK**	EPA 8260	SMT	64	PASI-G

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

Sample: CLAY NORTH 0.5-1' **Lab ID: 4070498001** Collected: 11/12/12 13:15 Received: 11/13/12 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/19/12 15:49	11/20/12 16:26	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/19/12 15:49	11/20/12 16:26	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/19/12 15:49	11/20/12 16:26	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/19/12 15:49	11/20/12 16:26	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/19/12 15:49	11/20/12 16:26	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

Sample: CLAY NORTH 0.5-1' **Lab ID: 4070498001** Collected: 11/12/12 13:15 Received: 11/13/12 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	79-34-5	W
Tetrachloroethene	**40.8J**	ug/kg	74.3	31.0	1	11/19/12 15:49	11/20/12 16:26	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/19/12 15:49	11/20/12 16:26	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 16:26	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	81	%.	57-130		1	11/19/12 15:49	11/20/12 16:26	1868-53-7	
Toluene-d8 (S)	89	%.	54-133		1	11/19/12 15:49	11/20/12 16:26	2037-26-5	
4-Bromofluorobenzene (S)	84	%.	49-130		1	11/19/12 15:49	11/20/12 16:26	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.2**	%	0.10	0.10	1		11/19/12 12:16		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

Sample: CLAY SOUTH 0.5-1' **Lab ID: 4070498002** Collected: 11/12/12 13:20 Received: 11/13/12 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/19/12 15:49	11/20/12 11:52	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/19/12 15:49	11/20/12 11:52	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/19/12 15:49	11/20/12 11:52	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/19/12 15:49	11/20/12 11:52	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/19/12 15:49	11/20/12 11:52	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

Sample: CLAY SOUTH 0.5-1' **Lab ID: 4070498002** Collected: 11/12/12 13:20 Received: 11/13/12 15:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	79-34-5	W
Tetrachloroethene	**113**	ug/kg	70.8	29.5	1	11/19/12 15:49	11/20/12 11:52	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/19/12 15:49	11/20/12 11:52	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 11:52	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	106	%.	57-130		1	11/19/12 15:49	11/20/12 11:52	1868-53-7	
Toluene-d8 (S)	109	%.	54-133		1	11/19/12 15:49	11/20/12 11:52	2037-26-5	
4-Bromofluorobenzene (S)	107	%.	49-130		1	11/19/12 15:49	11/20/12 11:52	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.3**	%	0.10	0.10	1		11/19/12 12:16		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

Sample: MEOH BLANK **Lab ID: 4070498003** Collected: 11/12/12 00:00 Received: 11/13/12 15:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/19/12 15:49	11/20/12 07:40	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/19/12 15:49	11/20/12 07:40	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/19/12 15:49	11/20/12 07:40	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/19/12 15:49	11/20/12 07:40	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/19/12 15:49	11/20/12 07:40	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

Sample: MEOH BLANK **Lab ID: 4070498003** Collected: 11/12/12 00:00 Received: 11/13/12 15:20 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/19/12 15:49	11/20/12 07:40	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/19/12 15:49	11/20/12 07:40	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	87	%.	57-130		1	11/19/12 15:49	11/20/12 07:40	1868-53-7	
Toluene-d8 (S)	94	%.	54-133		1	11/19/12 15:49	11/20/12 07:40	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	49-130		1	11/19/12 15:49	11/20/12 07:40	460-00-4	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

QC Batch: MSV/17760 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4070498001, 4070498002, 4070498003

METHOD BLANK: 715280 Matrix: Solid
Associated Lab Samples: 4070498001, 4070498002, 4070498003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/20/12 05:23	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	11/20/12 05:23	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/20/12 05:23	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	11/20/12 05:23	
1,1-Dichloroethane	ug/kg	<25.0	60.0	11/20/12 05:23	
1,1-Dichloroethene	ug/kg	<25.0	60.0	11/20/12 05:23	
1,1-Dichloropropene	ug/kg	<25.0	60.0	11/20/12 05:23	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	11/20/12 05:23	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	11/20/12 05:23	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	11/20/12 05:23	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	11/20/12 05:23	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	11/20/12 05:23	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	11/20/12 05:23	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	11/20/12 05:23	
1,2-Dichloroethane	ug/kg	<25.0	60.0	11/20/12 05:23	
1,2-Dichloropropane	ug/kg	<25.0	60.0	11/20/12 05:23	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	11/20/12 05:23	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	11/20/12 05:23	
1,3-Dichloropropane	ug/kg	<25.0	60.0	11/20/12 05:23	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	11/20/12 05:23	
2,2-Dichloropropane	ug/kg	<25.0	60.0	11/20/12 05:23	
2-Chlorotoluene	ug/kg	<25.0	60.0	11/20/12 05:23	
4-Chlorotoluene	ug/kg	<25.0	60.0	11/20/12 05:23	
Benzene	ug/kg	<25.0	60.0	11/20/12 05:23	
Bromobenzene	ug/kg	<25.0	60.0	11/20/12 05:23	
Bromochloromethane	ug/kg	<25.0	60.0	11/20/12 05:23	
Bromodichloromethane	ug/kg	<25.0	60.0	11/20/12 05:23	
Bromoform	ug/kg	<25.9	60.0	11/20/12 05:23	
Bromomethane	ug/kg	<25.0	60.0	11/20/12 05:23	
Carbon tetrachloride	ug/kg	<25.0	60.0	11/20/12 05:23	
Chlorobenzene	ug/kg	<25.0	60.0	11/20/12 05:23	
Chloroethane	ug/kg	<25.0	60.0	11/20/12 05:23	
Chloroform	ug/kg	<25.0	60.0	11/20/12 05:23	
Chloromethane	ug/kg	<25.0	60.0	11/20/12 05:23	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/20/12 05:23	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/20/12 05:23	
Dibromochloromethane	ug/kg	<25.0	60.0	11/20/12 05:23	
Dibromomethane	ug/kg	<25.0	60.0	11/20/12 05:23	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	11/20/12 05:23	
Diisopropyl ether	ug/kg	<25.0	60.0	11/20/12 05:23	
Ethylbenzene	ug/kg	<25.0	60.0	11/20/12 05:23	
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	11/20/12 05:23	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	11/20/12 05:23	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

METHOD BLANK: 715280 Matrix: Solid

Associated Lab Samples: 4070498001, 4070498002, 4070498003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	11/20/12 05:23	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	11/20/12 05:23	
Methylene Chloride	ug/kg	<25.0	60.0	11/20/12 05:23	
n-Butylbenzene	ug/kg	<40.4	60.0	11/20/12 05:23	
n-Propylbenzene	ug/kg	<25.0	60.0	11/20/12 05:23	
Naphthalene	ug/kg	<25.0	60.0	11/20/12 05:23	
o-Xylene	ug/kg	<25.0	60.0	11/20/12 05:23	
p-Isopropyltoluene	ug/kg	<25.0	60.0	11/20/12 05:23	
sec-Butylbenzene	ug/kg	<25.0	60.0	11/20/12 05:23	
Styrene	ug/kg	<25.0	60.0	11/20/12 05:23	
tert-Butylbenzene	ug/kg	<25.0	60.0	11/20/12 05:23	
Tetrachloroethene	ug/kg	<25.0	60.0	11/20/12 05:23	
Toluene	ug/kg	<25.0	60.0	11/20/12 05:23	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/20/12 05:23	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/20/12 05:23	
Trichloroethene	ug/kg	<25.0	60.0	11/20/12 05:23	
Trichlorofluoromethane	ug/kg	<25.0	60.0	11/20/12 05:23	
Vinyl chloride	ug/kg	<25.0	60.0	11/20/12 05:23	
4-Bromofluorobenzene (S)	%.	103	49-130	11/20/12 05:23	
Dibromofluoromethane (S)	%.	95	57-130	11/20/12 05:23	
Toluene-d8 (S)	%.	101	54-133	11/20/12 05:23	

LABORATORY CONTROL SAMPLE & LCSD: 715281 715282

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2530	2530	101	101	70-130	0	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2500	2450	100	98	70-130	2	20	
1,1,2-Trichloroethane	ug/kg	2500	2590	2450	103	98	70-130	5	20	
1,1-Dichloroethane	ug/kg	2500	2530	2410	101	96	70-130	5	20	
1,1-Dichloroethene	ug/kg	2500	2660	2530	106	101	64-130	5	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2570	2660	103	107	68-130	4	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2160	2160	86	86	50-150	0	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2610	2590	104	104	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	2500	2550	2500	102	100	70-130	2	20	
1,2-Dichloroethane	ug/kg	2500	2490	2390	100	95	70-130	4	20	
1,2-Dichloropropane	ug/kg	2500	2570	2620	103	105	70-130	2	20	
1,3-Dichlorobenzene	ug/kg	2500	2640	2640	105	106	70-130	0	20	
1,4-Dichlorobenzene	ug/kg	2500	2560	2550	103	102	70-130	0	20	
Benzene	ug/kg	2500	2670	2620	107	105	70-130	2	20	
Bromodichloromethane	ug/kg	2500	2430	2350	97	94	70-130	3	20	
Bromoform	ug/kg	2500	2160	2110	87	85	63-130	2	20	
Bromomethane	ug/kg	2500	2590	2570	104	103	41-142	1	20	
Carbon tetrachloride	ug/kg	2500	2350	2330	94	93	70-130	1	20	
Chlorobenzene	ug/kg	2500	2640	2570	106	103	70-130	3	20	
Chloroethane	ug/kg	2500	2760	2770	111	111	57-130	0	20	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

LABORATORY CONTROL SAMPLE & LCSD: 715281 715282

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/kg	2500	2570	2350	103	94	70-130	9	20	
Chloromethane	ug/kg	2500	2540	2430	102	97	57-130	4	20	
cis-1,2-Dichloroethene	ug/kg	2500	2400	2520	96	101	70-130	5	20	
cis-1,3-Dichloropropene	ug/kg	2500	2220	2230	89	89	70-130	1	20	
Dibromochloromethane	ug/kg	2500	2250	2260	90	91	70-130	1	20	
Dichlorodifluoromethane	ug/kg	2500	2510	2420	100	97	31-150	4	20	
Ethylbenzene	ug/kg	2500	2720	2660	109	107	65-137	2	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2680	2660	107	106	70-130	1	20	
m&p-Xylene	ug/kg	5000	5510	5360	110	107	64-139	3	20	
Methyl-tert-butyl ether	ug/kg	2500	2430	2320	97	93	69-130	5	20	
Methylene Chloride	ug/kg	2500	2550	2410	102	97	70-130	5	20	
o-Xylene	ug/kg	2500	2740	2660	110	106	63-135	3	20	
Styrene	ug/kg	2500	2340	2340	94	94	69-130	0	20	
Tetrachloroethene	ug/kg	2500	2600	2620	104	105	70-130	1	20	
Toluene	ug/kg	2500	2680	2690	107	108	70-130	0	20	
trans-1,2-Dichloroethene	ug/kg	2500	2540	2520	101	101	70-130	1	20	
trans-1,3-Dichloropropene	ug/kg	2500	2400	2370	96	95	70-130	1	20	
Trichloroethene	ug/kg	2500	2560	2570	102	103	70-130	1	20	
Trichlorofluoromethane	ug/kg	2500	2610	2540	104	101	50-150	3	20	
Vinyl chloride	ug/kg	2500	2730	2660	109	106	57-130	3	20	
4-Bromofluorobenzene (S)	%.				110	107	49-130			
Dibromofluoromethane (S)	%.				106	104	57-130			
Toluene-d8 (S)	%.				109	111	54-133			

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

QC Batch: PMST/7930
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4070498001, 4070498002

SAMPLE DUPLICATE: 715127

Parameter	Units	4070686008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.6	20.2	3	10	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSV/17763

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

W	Non-detect results are reported on a wet weight basis.

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4070498

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4070498001	**CLAY NORTH 0.5-1'**	EPA 5035/5030B	MSV/17760	EPA 8260	MSV/17763
4070498002	**CLAY SOUTH 0.5-1'**	EPA 5035/5030B	MSV/17760	EPA 8260	MSV/17763
4070498003	**MEOH BLANK**	EPA 5035/5030B	MSV/17760	EPA 8260	MSV/17763
4070498001	**CLAY NORTH 0.5-1'**	ASTM D2974-87	PMST/7930		
4070498002	**CLAY SOUTH 0.5-1'**	ASTM D2974-87	PMST/7930		

Pace Analytical®
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

4070498

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	ALPHA TERRA
Branch/Location:	PLYMOUTH
Project Contact:	KEN ELLIOTT
Phone:	920 892 2444
Project Number:	GUN 2004-01
Project Name:	GUNDERSON OSHKOSH
Project State:	WI
Sampled By (Print):	KEN ELLIOTT
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	DRF - 852 eq 4
Mail To Contact:	KEN ELLIOTT
Mail To Company:	ALPHA TERRA
Mail To Address:	1237 PILGRIM RD PLYMOUTH WI 53073
Invoice To Contact:	MR GARY GUNDERSON
Invoice To Company:	GUNDERSON (CLEANER)
Invoice To Address:	C/O ATS
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☒ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter	VOC			
001	CUT NORTH 0.5-1'	11-12-12	5 ↔ 13:15			X		PID 0.6	1-40zp A, 1-40mlVF	
002	CUT SOUTH 0-5-1'	"	5 ↔ 13:00			X		PID 1-3	↓ ↓	
003	MEOH BLANK	4-16-12	NEW →			X			1-40mlVF	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: NOT NEEDED

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	11-13-12 1500	[signature] Pace	11/13/12 1520
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.: 4070498

Receipt Temp = ROT °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical

Sample Condition Upon Receipt

Client Name: Alpha Terra Project # 4070498

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None Other

Thermometer Used N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature ROI **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

Optional
Proj. Due Date:
Proj. Name:

Temp should be above freezing to 6°C for all sample except Biota.
Biota Samples should be received ≤ 0°C.

Person examining contents:
Date: 11-13-12
Initials: SW

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: S	☑Yes ☐No ☐N/A	12.
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions (VOA) coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☑Yes ☐No ☑N/A	16. 11/13/12 SW
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 11/14/12

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)

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

November 30, 2012

Ken Ebbott
Alpha Terra Science - Plymouth
1237 South Pilgrim Rd
Plymouth, WI 53073

RE: Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Dear Ken Ebbott:
Enclosed are the analytical results for sample(s) received by the laboratory on November 16, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4070765001	**S WALL 12'**	Solid	11/15/12 10:15	11/16/12 15:45
4070765002	**S WALL 8'**	Solid	11/15/12 10:20	11/16/12 15:45
4070765003	**FLOOR UNDER HA2 15'**	Solid	11/15/12 10:25	11/16/12 15:45
4070765004	**SW CORNER 8'**	Solid	11/15/12 11:00	11/16/12 15:45
4070765005	**SW CORNER 12'**	Solid	11/15/12 11:10	11/16/12 15:45
4070765006	**SE BY THOMPSON 2-3'**	Solid	11/15/12 11:20	11/16/12 15:45
4070765007	**NE BY THOMPSON 3'**	Solid	11/15/12 13:30	11/16/12 15:45
4070765008	**N WALL 8'**	Solid	11/15/12 15:15	11/16/12 15:45
4070765009	**NE FLOOR 12'**	Solid	11/15/12 15:20	11/16/12 15:45
4070765010	**NW WALL 8' AT JCT**	Solid	11/15/12 15:40	11/16/12 15:45
4070765011	**MEOH BLANK**	Solid	11/15/12 00:00	11/16/12 15:45

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4070765001	**S WALL 12'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4070765002	**S WALL 8'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4070765003	**FLOOR UNDER HA2 15'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4070765004	**SW CORNER 8'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4070765005	**SW CORNER 12'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	EMH	1	PASI-G
4070765006	**SE BY THOMPSON 2-3'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	BLF	1	PASI-G
4070765007	**NE BY THOMPSON 3'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	BLF	1	PASI-G
4070765008	**N WALL 8'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	BLF	1	PASI-G
4070765009	**NE FLOOR 12'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	BLF	1	PASI-G
4070765010	**NW WALL 8' AT JCT**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	BLF	1	PASI-G
4070765011	**MEOH BLANK**	EPA 8260	SMT	64	PASI-G

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: S WALL 12' **Lab ID: 4070765001** Collected: 11/15/12 10:15 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	71-43-2	W
Bromobenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	108-86-1	W
Bromochloromethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	74-97-5	W
Bromodichloromethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	75-27-4	W
Bromoform	**<51.8**	ug/kg	120	51.8	2	11/20/12 14:57	11/27/12 11:34	75-25-2	W
Bromomethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	74-83-9	W
n-Butylbenzene	**2700**	ug/kg	134	90.1	2	11/20/12 14:57	11/27/12 11:34	104-51-8	
sec-Butylbenzene	**1860**	ug/kg	134	55.8	2	11/20/12 14:57	11/27/12 11:34	135-98-8	
tert-Butylbenzene	**72.0J**	ug/kg	134	55.8	2	11/20/12 14:57	11/27/12 11:34	98-06-6	
Carbon tetrachloride	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	56-23-5	W
Chlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	108-90-7	W
Chloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	75-00-3	W
Chloroform	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	67-66-3	W
Chloromethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	74-87-3	W
2-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	95-49-8	W
4-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	106-43-4	W
1,2-Dibromo-3-chloropropane	**<165**	ug/kg	500	165	2	11/20/12 14:57	11/27/12 11:34	96-12-8	W
Dibromochloromethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	124-48-1	W
1,2-Dibromoethane (EDB)	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	106-93-4	W
Dibromomethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	74-95-3	W
1,2-Dichlorobenzene	**<88.8**	ug/kg	120	88.8	2	11/20/12 14:57	11/27/12 11:34	95-50-1	W
1,3-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	541-73-1	W
1,4-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	106-46-7	W
Dichlorodifluoromethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	75-71-8	W
1,1-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	75-34-3	W
1,2-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	107-06-2	W
1,1-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	75-35-4	W
cis-1,2-Dichloroethene	**558**	ug/kg	134	55.8	2	11/20/12 14:57	11/27/12 11:34	156-59-2	
trans-1,2-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	156-60-5	W
1,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	78-87-5	W
1,3-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	142-28-9	W
2,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	594-20-7	W
1,1-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	563-58-6	W
cis-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	10061-01-5	W
trans-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	10061-02-6	W
Diisopropyl ether	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	108-20-3	W
Ethylbenzene	**90.4J**	ug/kg	134	55.8	2	11/20/12 14:57	11/27/12 11:34	100-41-4	
Hexachloro-1,3-butadiene	**<52.8**	ug/kg	120	52.8	2	11/20/12 14:57	11/27/12 11:34	87-68-3	W
Isopropylbenzene (Cumene)	**400**	ug/kg	134	55.8	2	11/20/12 14:57	11/27/12 11:34	98-82-8	
p-Isopropyltoluene	**1450**	ug/kg	134	55.8	2	11/20/12 14:57	11/27/12 11:34	99-87-6	
Methylene Chloride	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	75-09-2	W
Methyl-tert-butyl ether	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	1634-04-4	W
Naphthalene	**97.5J**	ug/kg	134	55.8	2	11/20/12 14:57	11/27/12 11:34	91-20-3	
n-Propylbenzene	**1330**	ug/kg	134	55.8	2	11/20/12 14:57	11/27/12 11:34	103-65-1	
Styrene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: S WALL 12' **Lab ID: 4070765001** Collected: 11/15/12 10:15 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	630-20-6	W
1,1,2,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	79-34-5	W
Tetrachloroethene	**113J**	ug/kg	134	55.8	2	11/20/12 14:57	11/27/12 11:34	127-18-4	
Toluene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	108-88-3	W
1,2,3-Trichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	87-61-6	W
1,2,4-Trichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	120-82-1	W
1,1,1-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	71-55-6	W
1,1,2-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	79-00-5	W
Trichloroethene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	79-01-6	W
Trichlorofluoromethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	75-69-4	W
1,2,3-Trichloropropane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	96-18-4	W
1,2,4-Trimethylbenzene	**17200**	ug/kg	134	55.8	2	11/20/12 14:57	11/27/12 11:34	95-63-6	
1,3,5-Trimethylbenzene	**3640**	ug/kg	134	55.8	2	11/20/12 14:57	11/27/12 11:34	108-67-8	
Vinyl chloride	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:57	11/27/12 11:34	75-01-4	W
m&p-Xylene	**176J**	ug/kg	268	112	2	11/20/12 14:57	11/27/12 11:34	179601-23-1	
o-Xylene	**120J**	ug/kg	134	55.8	2	11/20/12 14:57	11/27/12 11:34	95-47-6	
Surrogates									
Dibromofluoromethane (S)	88	%.	57-130		2	11/20/12 14:57	11/27/12 11:34	1868-53-7	
Toluene-d8 (S)	87	%.	54-133		2	11/20/12 14:57	11/27/12 11:34	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	49-130		2	11/20/12 14:57	11/27/12 11:34	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.4**	%	0.10	0.10	1		11/29/12 17:25		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: S WALL 8' **Lab ID: 4070765002** Collected: 11/15/12 10:20 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	71-43-2	W
Bromobenzene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	108-86-1	W
Bromochloromethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	74-97-5	W
Bromodichloromethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	75-27-4	W
Bromoform	**<1040**	ug/kg	2400	1040	40	11/20/12 14:57	11/27/12 13:01	75-25-2	W
Bromomethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	74-83-9	W
n-Butylbenzene	**21100**	ug/kg	2860	1930	40	11/20/12 14:57	11/27/12 13:01	104-51-8	
sec-Butylbenzene	**15700**	ug/kg	2860	1190	40	11/20/12 14:57	11/27/12 13:01	135-98-8	
tert-Butylbenzene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	98-06-6	W
Carbon tetrachloride	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	56-23-5	W
Chlorobenzene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	108-90-7	W
Chloroethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	75-00-3	W
Chloroform	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	67-66-3	W
Chloromethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	74-87-3	W
2-Chlorotoluene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	95-49-8	W
4-Chlorotoluene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	106-43-4	W
1,2-Dibromo-3-chloropropane	**<3290**	ug/kg	10000	3290	40	11/20/12 14:57	11/27/12 13:01	96-12-8	W
Dibromochloromethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	124-48-1	W
1,2-Dibromoethane (EDB)	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	106-93-4	W
Dibromomethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	74-95-3	W
1,2-Dichlorobenzene	**<1780**	ug/kg	2400	1780	40	11/20/12 14:57	11/27/12 13:01	95-50-1	W
1,3-Dichlorobenzene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	541-73-1	W
1,4-Dichlorobenzene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	106-46-7	W
Dichlorodifluoromethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	75-71-8	W
1,1-Dichloroethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	75-34-3	W
1,2-Dichloroethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	107-06-2	W
1,1-Dichloroethene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	75-35-4	W
cis-1,2-Dichloroethene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	156-59-2	W
trans-1,2-Dichloroethene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	156-60-5	W
1,2-Dichloropropane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	78-87-5	W
1,3-Dichloropropane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	142-28-9	W
2,2-Dichloropropane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	594-20-7	W
1,1-Dichloropropene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	563-58-6	W
cis-1,3-Dichloropropene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	10061-01-5	W
trans-1,3-Dichloropropene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	10061-02-6	W
Diisopropyl ether	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	108-20-3	W
Ethylbenzene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	100-41-4	W
Hexachloro-1,3-butadiene	**<1060**	ug/kg	2400	1060	40	11/20/12 14:57	11/27/12 13:01	87-68-3	W
Isopropylbenzene (Cumene)	**3730**	ug/kg	2860	1190	40	11/20/12 14:57	11/27/12 13:01	98-82-8	
p-Isopropyltoluene	**15700**	ug/kg	2860	1190	40	11/20/12 14:57	11/27/12 13:01	99-87-6	
Methylene Chloride	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	75-09-2	W
Methyl-tert-butyl ether	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	1634-04-4	W
Naphthalene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	91-20-3	W
n-Propylbenzene	**13600**	ug/kg	2860	1190	40	11/20/12 14:57	11/27/12 13:01	103-65-1	
Styrene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: S WALL 8' **Lab ID: 4070765002** Collected: 11/15/12 10:20 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	630-20-6	W
1,1,2,2-Tetrachloroethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	79-34-5	W
Tetrachloroethene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	127-18-4	W
Toluene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	108-88-3	W
1,2,3-Trichlorobenzene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	87-61-6	W
1,2,4-Trichlorobenzene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	120-82-1	W
1,1,1-Trichloroethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	71-55-6	W
1,1,2-Trichloroethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	79-00-5	W
Trichloroethene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	79-01-6	W
Trichlorofluoromethane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	75-69-4	W
1,2,3-Trichloropropane	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	96-18-4	W
1,2,4-Trimethylbenzene	**177000**	ug/kg	2860	1190	40	11/20/12 14:57	11/27/12 13:01	95-63-6	
1,3,5-Trimethylbenzene	**30800**	ug/kg	2860	1190	40	11/20/12 14:57	11/27/12 13:01	108-67-8	
Vinyl chloride	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	75-01-4	W
m&p-Xylene	**<2000**	ug/kg	4800	2000	40	11/20/12 14:57	11/27/12 13:01	179601-23-1	W
o-Xylene	**<1000**	ug/kg	2400	1000	40	11/20/12 14:57	11/27/12 13:01	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	0	%.	57-130		40	11/20/12 14:57	11/27/12 13:01	1868-53-7	S0, S4
Toluene-d8 (S)	0	%.	54-133		40	11/20/12 14:57	11/27/12 13:01	2037-26-5	S0, S4
4-Bromofluorobenzene (S)	0	%.	49-130		40	11/20/12 14:57	11/27/12 13:01	460-00-4	S0, S4
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.2**	%	0.10	0.10	1		11/29/12 17:25		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: FLOOR UNDER HA2 15' **Lab ID: 4070765003** Collected: 11/15/12 10:25 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	71-43-2	W
Bromobenzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	108-86-1	W
Bromochloromethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	74-97-5	W
Bromodichloromethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	75-27-4	W
Bromoform	**<518**	ug/kg	1200	518	20	11/20/12 14:57	11/27/12 10:11	75-25-2	W
Bromomethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	74-83-9	W
n-Butylbenzene	**<808**	ug/kg	1200	808	20	11/20/12 14:57	11/27/12 10:11	104-51-8	W
sec-Butylbenzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	135-98-8	W
tert-Butylbenzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	98-06-6	W
Carbon tetrachloride	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	56-23-5	W
Chlorobenzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	108-90-7	W
Chloroethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	75-00-3	W
Chloroform	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	67-66-3	W
Chloromethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	74-87-3	W
2-Chlorotoluene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	95-49-8	W
4-Chlorotoluene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	106-43-4	W
1,2-Dibromo-3-chloropropane	**<1650**	ug/kg	5000	1650	20	11/20/12 14:57	11/27/12 10:11	96-12-8	W
Dibromochloromethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	124-48-1	W
1,2-Dibromoethane (EDB)	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	106-93-4	W
Dibromomethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	74-95-3	W
1,2-Dichlorobenzene	**<888**	ug/kg	1200	888	20	11/20/12 14:57	11/27/12 10:11	95-50-1	W
1,3-Dichlorobenzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	541-73-1	W
1,4-Dichlorobenzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	106-46-7	W
Dichlorodifluoromethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	75-71-8	W
1,1-Dichloroethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	75-34-3	W
1,2-Dichloroethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	107-06-2	W
1,1-Dichloroethene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	75-35-4	W
cis-1,2-Dichloroethene	**19400**	ug/kg	1400	582	20	11/20/12 14:57	11/27/12 10:11	156-59-2	
trans-1,2-Dichloroethene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	156-60-5	W
1,2-Dichloropropane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	78-87-5	W
1,3-Dichloropropane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	142-28-9	W
2,2-Dichloropropane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	594-20-7	W
1,1-Dichloropropene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	563-58-6	W
cis-1,3-Dichloropropene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	10061-01-5	W
trans-1,3-Dichloropropene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	10061-02-6	W
Diisopropyl ether	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	108-20-3	W
Ethylbenzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	100-41-4	W
Hexachloro-1,3-butadiene	**<528**	ug/kg	1200	528	20	11/20/12 14:57	11/27/12 10:11	87-68-3	W
Isopropylbenzene (Cumene)	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	98-82-8	W
p-Isopropyltoluene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	99-87-6	W
Methylene Chloride	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	75-09-2	W
Methyl-tert-butyl ether	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	1634-04-4	W
Naphthalene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	91-20-3	W
n-Propylbenzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	103-65-1	W
Styrene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: FLOOR UNDER HA2 15' **Lab ID: 4070765003** Collected: 11/15/12 10:25 Received: 11/16/12 15:45 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	630-20-6	W
1,1,2,2-Tetrachloroethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	79-34-5	W
Tetrachloroethene	**114000**	ug/kg	1400	582	20	11/20/12 14:57	11/27/12 10:11	127-18-4	
Toluene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	108-88-3	W
1,2,3-Trichlorobenzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	87-61-6	W
1,2,4-Trichlorobenzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	120-82-1	W
1,1,1-Trichloroethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	71-55-6	W
1,1,2-Trichloroethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	79-00-5	W
Trichloroethene	**11800**	ug/kg	1400	582	20	11/20/12 14:57	11/27/12 10:11	79-01-6	
Trichlorofluoromethane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	75-69-4	W
1,2,3-Trichloropropane	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	96-18-4	W
1,2,4-Trimethylbenzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	95-63-6	W
1,3,5-Trimethylbenzene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	108-67-8	W
Vinyl chloride	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	75-01-4	W
m&p-Xylene	**<1000**	ug/kg	2400	1000	20	11/20/12 14:57	11/27/12 10:11	179601-23-1	W
o-Xylene	**<500**	ug/kg	1200	500	20	11/20/12 14:57	11/27/12 10:11	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	0	%.	57-130		20	11/20/12 14:57	11/27/12 10:11	1868-53-7	S0, S4
Toluene-d8 (S)	0	%.	54-133		20	11/20/12 14:57	11/27/12 10:11	2037-26-5	S0, S4
4-Bromofluorobenzene (S)	0	%.	49-130		20	11/20/12 14:57	11/27/12 10:11	460-00-4	S0, S4
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.1**	%	0.10	0.10	1		11/29/12 17:25		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: SW CORNER 8' **Lab ID: 4070765004** Collected: 11/15/12 11:00 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/20/12 14:57	11/26/12 14:44	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/20/12 14:57	11/26/12 14:44	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/20/12 14:57	11/26/12 14:44	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/20/12 14:57	11/26/12 14:44	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/20/12 14:57	11/26/12 14:44	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: SW CORNER 8' **Lab ID: 4070765004** Collected: 11/15/12 11:00 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	79-34-5	W
Tetrachloroethene	**586**	ug/kg	69.8	29.1	1	11/20/12 14:57	11/26/12 14:44	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	79-00-5	W
Trichloroethene	**31.6J**	ug/kg	69.8	29.1	1	11/20/12 14:57	11/26/12 14:44	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/20/12 14:57	11/26/12 14:44	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 14:44	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	101	%.	57-130		1	11/20/12 14:57	11/26/12 14:44	1868-53-7	
Toluene-d8 (S)	99	%.	54-133		1	11/20/12 14:57	11/26/12 14:44	2037-26-5	
4-Bromofluorobenzene (S)	92	%.	49-130		1	11/20/12 14:57	11/26/12 14:44	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.0**	%	0.10	0.10	1		11/29/12 17:26		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: SW CORNER 12' **Lab ID: 4070765005** Collected: 11/15/12 11:10 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/20/12 14:57	11/27/12 10:57	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/20/12 14:57	11/27/12 10:57	104-51-8	W
sec-Butylbenzene	**438**	ug/kg	70.2	29.3	1	11/20/12 14:57	11/27/12 10:57	135-98-8	
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/20/12 14:57	11/27/12 10:57	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/20/12 14:57	11/27/12 10:57	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/20/12 14:57	11/27/12 10:57	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: SW CORNER 12' **Lab ID: 4070765005** Collected: 11/15/12 11:10 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/20/12 14:57	11/27/12 10:57	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/27/12 10:57	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	95	%.	57-130		1	11/20/12 14:57	11/27/12 10:57	1868-53-7	
Toluene-d8 (S)	96	%.	54-133		1	11/20/12 14:57	11/27/12 10:57	2037-26-5	
4-Bromofluorobenzene (S)	106	%.	49-130		1	11/20/12 14:57	11/27/12 10:57	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.6**	%	0.10	0.10	1		11/29/12 17:26		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: SE BY THOMPSON 2-3' **Lab ID: 4070765006** Collected: 11/15/12 11:20 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/20/12 14:57	11/26/12 15:07	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/20/12 14:57	11/26/12 15:07	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/20/12 14:57	11/26/12 15:07	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/20/12 14:57	11/26/12 15:07	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	75-35-4	W
cis-1,2-Dichloroethene	**435**	ug/kg	83.6	34.8	1	11/20/12 14:57	11/26/12 15:07	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/20/12 14:57	11/26/12 15:07	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: SE BY THOMPSON 2-3' **Lab ID: 4070765006** Collected: 11/15/12 11:20 Received: 11/16/12 15:45 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	79-34-5	W
Tetrachloroethene	**6080**	ug/kg	83.6	34.8	1	11/20/12 14:57	11/26/12 15:07	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	79-00-5	W
Trichloroethene	**121**	ug/kg	83.6	34.8	1	11/20/12 14:57	11/26/12 15:07	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	96-18-4	W
1,2,4-Trimethylbenzene	**43.5J**	ug/kg	83.6	34.8	1	11/20/12 14:57	11/26/12 15:07	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/20/12 14:57	11/26/12 15:07	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:07	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	102	%.	57-130		1	11/20/12 14:57	11/26/12 15:07	1868-53-7	
Toluene-d8 (S)	95	%.	54-133		1	11/20/12 14:57	11/26/12 15:07	2037-26-5	
4-Bromofluorobenzene (S)	80	%.	49-130		1	11/20/12 14:57	11/26/12 15:07	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**28.2**	%	0.10	0.10	1		11/29/12 17:50		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: NE BY THOMPSON 3' **Lab ID: 4070765007** Collected: 11/15/12 13:30 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/20/12 14:57	11/26/12 15:30	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/20/12 14:57	11/26/12 15:30	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/20/12 14:57	11/26/12 15:30	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/20/12 14:57	11/26/12 15:30	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	75-35-4	W
cis-1,2-Dichloroethene	**122**	ug/kg	75.2	31.3	1	11/20/12 14:57	11/26/12 15:30	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/20/12 14:57	11/26/12 15:30	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: NE BY THOMPSON 3' **Lab ID: 4070765007** Collected: 11/15/12 13:30 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	79-34-5	W
Tetrachloroethene	**1170**	ug/kg	75.2	31.3	1	11/20/12 14:57	11/26/12 15:30	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	79-00-5	W
Trichloroethene	**45.4J**	ug/kg	75.2	31.3	1	11/20/12 14:57	11/26/12 15:30	79-01-6	
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/20/12 14:57	11/26/12 15:30	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:30	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	96	%.	57-130		1	11/20/12 14:57	11/26/12 15:30	1868-53-7	
Toluene-d8 (S)	95	%.	54-133		1	11/20/12 14:57	11/26/12 15:30	2037-26-5	
4-Bromofluorobenzene (S)	90	%.	49-130		1	11/20/12 14:57	11/26/12 15:30	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.2**	%	0.10	0.10	1		11/29/12 17:50		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: N WALL 8' **Lab ID: 4070765008** Collected: 11/15/12 15:15 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	71-43-2	W
Bromobenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	108-86-1	W
Bromochloromethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	74-97-5	W
Bromodichloromethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	75-27-4	W
Bromoform	**<104**	ug/kg	240	104	4	11/20/12 14:57	11/26/12 17:24	75-25-2	W
Bromomethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	74-83-9	W
n-Butylbenzene	**<162**	ug/kg	240	162	4	11/20/12 14:57	11/26/12 17:24	104-51-8	W
sec-Butylbenzene	**5330**	ug/kg	289	120	4	11/20/12 14:57	11/26/12 17:24	135-98-8	
tert-Butylbenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	98-06-6	W
Carbon tetrachloride	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	56-23-5	W
Chlorobenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	108-90-7	W
Chloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	75-00-3	W
Chloroform	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	67-66-3	W
Chloromethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	74-87-3	W
2-Chlorotoluene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	95-49-8	W
4-Chlorotoluene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	106-43-4	W
1,2-Dibromo-3-chloropropane	**<329**	ug/kg	1000	329	4	11/20/12 14:57	11/26/12 17:24	96-12-8	W
Dibromochloromethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	124-48-1	W
1,2-Dibromoethane (EDB)	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	106-93-4	W
Dibromomethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	74-95-3	W
1,2-Dichlorobenzene	**<178**	ug/kg	240	178	4	11/20/12 14:57	11/26/12 17:24	95-50-1	W
1,3-Dichlorobenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	541-73-1	W
1,4-Dichlorobenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	106-46-7	W
Dichlorodifluoromethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	75-71-8	W
1,1-Dichloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	75-34-3	W
1,2-Dichloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	107-06-2	W
1,1-Dichloroethene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	75-35-4	W
cis-1,2-Dichloroethene	**2100**	ug/kg	289	120	4	11/20/12 14:57	11/26/12 17:24	156-59-2	
trans-1,2-Dichloroethene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	156-60-5	W
1,2-Dichloropropane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	78-87-5	W
1,3-Dichloropropane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	142-28-9	W
2,2-Dichloropropane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	594-20-7	W
1,1-Dichloropropene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	563-58-6	W
cis-1,3-Dichloropropene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	10061-01-5	W
trans-1,3-Dichloropropene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	10061-02-6	W
Diisopropyl ether	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	108-20-3	W
Ethylbenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	100-41-4	W
Hexachloro-1,3-butadiene	**<106**	ug/kg	240	106	4	11/20/12 14:57	11/26/12 17:24	87-68-3	W
Isopropylbenzene (Cumene)	**1160**	ug/kg	289	120	4	11/20/12 14:57	11/26/12 17:24	98-82-8	
p-Isopropyltoluene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	99-87-6	W
Methylene Chloride	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	75-09-2	W
Methyl-tert-butyl ether	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	1634-04-4	W
Naphthalene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	91-20-3	W
n-Propylbenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	103-65-1	W
Styrene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: N WALL 8' **Lab ID: 4070765008** Collected: 11/15/12 15:15 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	630-20-6	W
1,1,2,2-Tetrachloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	79-34-5	W
Tetrachloroethene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	127-18-4	W
Toluene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	108-88-3	W
1,2,3-Trichlorobenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	87-61-6	W
1,2,4-Trichlorobenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	120-82-1	W
1,1,1-Trichloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	71-55-6	W
1,1,2-Trichloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	79-00-5	W
Trichloroethene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	79-01-6	W
Trichlorofluoromethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	75-69-4	W
1,2,3-Trichloropropane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	96-18-4	W
1,2,4-Trimethylbenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	95-63-6	W
1,3,5-Trimethylbenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	108-67-8	W
Vinyl chloride	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	75-01-4	W
m&p-Xylene	**<200**	ug/kg	480	200	4	11/20/12 14:57	11/26/12 17:24	179601-23-1	W
o-Xylene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:24	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	108	%.	57-130		4	11/20/12 14:57	11/26/12 17:24	1868-53-7	
Toluene-d8 (S)	104	%.	54-133		4	11/20/12 14:57	11/26/12 17:24	2037-26-5	
4-Bromofluorobenzene (S)	126	%.	49-130		4	11/20/12 14:57	11/26/12 17:24	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.9**	%	0.10	0.10	1		11/29/12 17:50		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: NE FLOOR 12' **Lab ID: 4070765009** Collected: 11/15/12 15:20 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	71-43-2	W
Bromobenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	108-86-1	W
Bromochloromethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	74-97-5	W
Bromodichloromethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	75-27-4	W
Bromoform	**<104**	ug/kg	240	104	4	11/20/12 14:57	11/26/12 17:01	75-25-2	W
Bromomethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	74-83-9	W
n-Butylbenzene	**<162**	ug/kg	240	162	4	11/20/12 14:57	11/26/12 17:01	104-51-8	W
sec-Butylbenzene	**126J**	ug/kg	280	117	4	11/20/12 14:57	11/26/12 17:01	135-98-8	
tert-Butylbenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	98-06-6	W
Carbon tetrachloride	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	56-23-5	W
Chlorobenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	108-90-7	W
Chloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	75-00-3	W
Chloroform	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	67-66-3	W
Chloromethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	74-87-3	W
2-Chlorotoluene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	95-49-8	W
4-Chlorotoluene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	106-43-4	W
1,2-Dibromo-3-chloropropane	**<329**	ug/kg	1000	329	4	11/20/12 14:57	11/26/12 17:01	96-12-8	W
Dibromochloromethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	124-48-1	W
1,2-Dibromoethane (EDB)	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	106-93-4	W
Dibromomethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	74-95-3	W
1,2-Dichlorobenzene	**<178**	ug/kg	240	178	4	11/20/12 14:57	11/26/12 17:01	95-50-1	W
1,3-Dichlorobenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	541-73-1	W
1,4-Dichlorobenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	106-46-7	W
Dichlorodifluoromethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	75-71-8	W
1,1-Dichloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	75-34-3	W
1,2-Dichloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	107-06-2	W
1,1-Dichloroethene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	75-35-4	W
cis-1,2-Dichloroethene	**488**	ug/kg	280	117	4	11/20/12 14:57	11/26/12 17:01	156-59-2	
trans-1,2-Dichloroethene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	156-60-5	W
1,2-Dichloropropane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	78-87-5	W
1,3-Dichloropropane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	142-28-9	W
2,2-Dichloropropane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	594-20-7	W
1,1-Dichloropropene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	563-58-6	W
cis-1,3-Dichloropropene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	10061-01-5	W
trans-1,3-Dichloropropene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	10061-02-6	W
Diisopropyl ether	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	108-20-3	W
Ethylbenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	100-41-4	W
Hexachloro-1,3-butadiene	**<106**	ug/kg	240	106	4	11/20/12 14:57	11/26/12 17:01	87-68-3	W
Isopropylbenzene (Cumene)	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	98-82-8	W
p-Isopropyltoluene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	99-87-6	W
Methylene Chloride	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	75-09-2	W
Methyl-tert-butyl ether	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	1634-04-4	W
Naphthalene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	91-20-3	W
n-Propylbenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	103-65-1	W
Styrene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: NE FLOOR 12' **Lab ID: 4070765009** Collected: 11/15/12 15:20 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	630-20-6	W
1,1,2,2-Tetrachloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	79-34-5	W
Tetrachloroethene	**20100**	ug/kg	280	117	4	11/20/12 14:57	11/26/12 17:01	127-18-4	
Toluene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	108-88-3	W
1,2,3-Trichlorobenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	87-61-6	W
1,2,4-Trichlorobenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	120-82-1	W
1,1,1-Trichloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	71-55-6	W
1,1,2-Trichloroethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	79-00-5	W
Trichloroethene	**126J**	ug/kg	280	117	4	11/20/12 14:57	11/26/12 17:01	79-01-6	
Trichlorofluoromethane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	75-69-4	W
1,2,3-Trichloropropane	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	96-18-4	W
1,2,4-Trimethylbenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	95-63-6	W
1,3,5-Trimethylbenzene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	108-67-8	W
Vinyl chloride	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	75-01-4	W
m&p-Xylene	**<200**	ug/kg	480	200	4	11/20/12 14:57	11/26/12 17:01	179601-23-1	W
o-Xylene	**<100**	ug/kg	240	100	4	11/20/12 14:57	11/26/12 17:01	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	94	%.	57-130		4	11/20/12 14:57	11/26/12 17:01	1868-53-7	
Toluene-d8 (S)	94	%.	54-133		4	11/20/12 14:57	11/26/12 17:01	2037-26-5	
4-Bromofluorobenzene (S)	92	%.	49-130		4	11/20/12 14:57	11/26/12 17:01	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.3**	%	0.10	0.10	1		11/29/12 17:50		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: NW WALL 8' AT JCT **Lab ID: 4070765010** Collected: 11/15/12 15:40 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/20/12 14:57	11/26/12 15:53	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/20/12 14:57	11/26/12 15:53	104-51-8	W
sec-Butylbenzene	**37.7J**	ug/kg	69.1	28.8	1	11/20/12 14:57	11/26/12 15:53	135-98-8	
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/20/12 14:57	11/26/12 15:53	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/20/12 14:57	11/26/12 15:53	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	75-35-4	W
cis-1,2-Dichloroethene	**36.3J**	ug/kg	69.1	28.8	1	11/20/12 14:57	11/26/12 15:53	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/20/12 14:57	11/26/12 15:53	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: NW WALL 8' AT JCT **Lab ID: 4070765010** Collected: 11/15/12 15:40 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/20/12 14:57	11/26/12 15:53	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 15:53	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	100	%.	57-130		1	11/20/12 14:57	11/26/12 15:53	1868-53-7	
Toluene-d8 (S)	98	%.	54-133		1	11/20/12 14:57	11/26/12 15:53	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	49-130		1	11/20/12 14:57	11/26/12 15:53	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.2**	%	0.10	0.10	1		11/29/12 17:51		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: MEOH BLANK **Lab ID: 4070765011** Collected: 11/15/12 00:00 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/20/12 14:57	11/26/12 13:36	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/20/12 14:57	11/26/12 13:36	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/20/12 14:57	11/26/12 13:36	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/20/12 14:57	11/26/12 13:36	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	541-73-1	W
1,4-Dichlorobenzene	**34.0J**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	106-46-7	
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/20/12 14:57	11/26/12 13:36	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Sample: MEOH BLANK **Lab ID: 4070765011** Collected: 11/15/12 00:00 Received: 11/16/12 15:45 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/20/12 14:57	11/26/12 13:36	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:57	11/26/12 13:36	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	95	%.	57-130		1	11/20/12 14:57	11/26/12 13:36	1868-53-7	
Toluene-d8 (S)	94	%.	54-133		1	11/20/12 14:57	11/26/12 13:36	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	49-130		1	11/20/12 14:57	11/26/12 13:36	460-00-4	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

QC Batch: MSV/17780 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4070765001, 4070765002, 4070765003, 4070765004, 4070765005, 4070765006, 4070765007, 4070765008, 4070765009, 4070765010, 4070765011

METHOD BLANK: 716071 Matrix: Solid
Associated Lab Samples: 4070765001, 4070765002, 4070765003, 4070765004, 4070765005, 4070765006, 4070765007, 4070765008, 4070765009, 4070765010, 4070765011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/26/12 09:35	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	11/26/12 09:35	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/26/12 09:35	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	11/26/12 09:35	
1,1-Dichloroethane	ug/kg	<25.0	60.0	11/26/12 09:35	
1,1-Dichloroethene	ug/kg	<25.0	60.0	11/26/12 09:35	
1,1-Dichloropropene	ug/kg	<25.0	60.0	11/26/12 09:35	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	11/26/12 09:35	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	11/26/12 09:35	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	11/26/12 09:35	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	11/26/12 09:35	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	11/26/12 09:35	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	11/26/12 09:35	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	11/26/12 09:35	
1,2-Dichloroethane	ug/kg	<25.0	60.0	11/26/12 09:35	
1,2-Dichloropropane	ug/kg	<25.0	60.0	11/26/12 09:35	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	11/26/12 09:35	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	11/26/12 09:35	
1,3-Dichloropropane	ug/kg	<25.0	60.0	11/26/12 09:35	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	11/26/12 09:35	
2,2-Dichloropropane	ug/kg	<25.0	60.0	11/26/12 09:35	
2-Chlorotoluene	ug/kg	<25.0	60.0	11/26/12 09:35	
4-Chlorotoluene	ug/kg	<25.0	60.0	11/26/12 09:35	
Benzene	ug/kg	<25.0	60.0	11/26/12 09:35	
Bromobenzene	ug/kg	<25.0	60.0	11/26/12 09:35	
Bromochloromethane	ug/kg	<25.0	60.0	11/26/12 09:35	
Bromodichloromethane	ug/kg	<25.0	60.0	11/26/12 09:35	
Bromoform	ug/kg	<25.9	60.0	11/26/12 09:35	
Bromomethane	ug/kg	<25.0	60.0	11/26/12 09:35	
Carbon tetrachloride	ug/kg	<25.0	60.0	11/26/12 09:35	
Chlorobenzene	ug/kg	<25.0	60.0	11/26/12 09:35	
Chloroethane	ug/kg	<25.0	60.0	11/26/12 09:35	
Chloroform	ug/kg	<25.0	60.0	11/26/12 09:35	
Chloromethane	ug/kg	<25.0	60.0	11/26/12 09:35	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/26/12 09:35	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/26/12 09:35	
Dibromochloromethane	ug/kg	<25.0	60.0	11/26/12 09:35	
Dibromomethane	ug/kg	<25.0	60.0	11/26/12 09:35	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	11/26/12 09:35	
Diisopropyl ether	ug/kg	<25.0	60.0	11/26/12 09:35	
Ethylbenzene	ug/kg	<25.0	60.0	11/26/12 09:35	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

METHOD BLANK: 716071 Matrix: Solid

Associated Lab Samples: 4070765001, 4070765002, 4070765003, 4070765004, 4070765005, 4070765006, 4070765007, 4070765008, 4070765009, 4070765010, 4070765011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	11/26/12 09:35	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	11/26/12 09:35	
m&p-Xylene	ug/kg	<50.0	120	11/26/12 09:35	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	11/26/12 09:35	
Methylene Chloride	ug/kg	<25.0	60.0	11/26/12 09:35	
n-Butylbenzene	ug/kg	<40.4	60.0	11/26/12 09:35	
n-Propylbenzene	ug/kg	<25.0	60.0	11/26/12 09:35	
Naphthalene	ug/kg	<25.0	60.0	11/26/12 09:35	
o-Xylene	ug/kg	<25.0	60.0	11/26/12 09:35	
p-Isopropyltoluene	ug/kg	<25.0	60.0	11/26/12 09:35	
sec-Butylbenzene	ug/kg	<25.0	60.0	11/26/12 09:35	
Styrene	ug/kg	<25.0	60.0	11/26/12 09:35	
tert-Butylbenzene	ug/kg	<25.0	60.0	11/26/12 09:35	
Tetrachloroethene	ug/kg	<25.0	60.0	11/26/12 09:35	
Toluene	ug/kg	<25.0	60.0	11/26/12 09:35	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/26/12 09:35	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/26/12 09:35	
Trichloroethene	ug/kg	<25.0	60.0	11/26/12 09:35	
Trichlorofluoromethane	ug/kg	<25.0	60.0	11/26/12 09:35	
Vinyl chloride	ug/kg	<25.0	60.0	11/26/12 09:35	
4-Bromofluorobenzene (S)	%.	99	49-130	11/26/12 09:35	
Dibromofluoromethane (S)	%.	104	57-130	11/26/12 09:35	
Toluene-d8 (S)	%.	103	54-133	11/26/12 09:35	

LABORATORY CONTROL SAMPLE & LCSD: 716072 716073

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2870	2860	115	114	70-130	0	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2780	2470	111	99	70-130	12	20	
1,1,2-Trichloroethane	ug/kg	2500	2630	2510	105	100	70-130	5	20	
1,1-Dichloroethane	ug/kg	2500	2650	2670	106	107	70-130	1	20	
1,1-Dichloroethene	ug/kg	2500	2730	2680	109	107	64-130	2	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2530	2480	101	99	68-130	2	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2490	2290	99	92	50-150	8	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2820	2640	113	106	70-130	7	20	
1,2-Dichlorobenzene	ug/kg	2500	2620	2530	105	101	70-130	4	20	
1,2-Dichloroethane	ug/kg	2500	2980	2790	119	112	70-130	6	20	
1,2-Dichloropropane	ug/kg	2500	2790	2810	112	113	70-130	1	20	
1,3-Dichlorobenzene	ug/kg	2500	2670	2620	107	105	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	2500	2610	2560	104	102	70-130	2	20	
Benzene	ug/kg	2500	2830	2790	113	111	70-130	2	20	
Bromodichloromethane	ug/kg	2500	2650	2590	106	104	70-130	2	20	
Bromoform	ug/kg	2500	2370	2310	95	92	63-130	3	20	
Bromomethane	ug/kg	2500	2680	2690	107	108	41-142	0	20	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

LABORATORY CONTROL SAMPLE & LCSD: 716072 716073

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon tetrachloride	ug/kg	2500	2680	2510	107	100	70-130	7	20	
Chlorobenzene	ug/kg	2500	2770	2730	111	109	70-130	2	20	
Chloroethane	ug/kg	2500	3040	3020	121	121	57-130	0	20	
Chloroform	ug/kg	2500	2650	2590	106	104	70-130	2	20	
Chloromethane	ug/kg	2500	2580	2520	103	101	57-130	2	20	
cis-1,2-Dichloroethene	ug/kg	2500	2650	2560	106	103	70-130	3	20	
cis-1,3-Dichloropropene	ug/kg	2500	2420	2420	97	97	70-130	0	20	
Dibromochloromethane	ug/kg	2500	2480	2360	99	95	70-130	5	20	
Dichlorodifluoromethane	ug/kg	2500	2090	1910	84	77	31-150	9	20	
Ethylbenzene	ug/kg	2500	2750	2790	110	111	65-137	1	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2700	2780	108	111	70-130	3	20	
m&p-Xylene	ug/kg	5000	5650	5640	113	113	64-139	0	20	
Methyl-tert-butyl ether	ug/kg	2500	2640	2440	105	97	69-130	8	20	
Methylene Chloride	ug/kg	2500	2740	2650	110	106	70-130	3	20	
o-Xylene	ug/kg	2500	2820	2780	113	111	63-135	1	20	
Styrene	ug/kg	2500	2480	2480	99	99	69-130	0	20	
Tetrachloroethene	ug/kg	2500	2680	2650	107	106	70-130	1	20	
Toluene	ug/kg	2500	2770	2810	111	112	70-130	1	20	
trans-1,2-Dichloroethene	ug/kg	2500	2670	2710	107	108	70-130	1	20	
trans-1,3-Dichloropropene	ug/kg	2500	2560	2510	102	100	70-130	2	20	
Trichloroethene	ug/kg	2500	2750	2740	110	110	70-130	1	20	
Trichlorofluoromethane	ug/kg	2500	2740	2670	110	107	50-150	3	20	
Vinyl chloride	ug/kg	2500	2750	2720	110	109	57-130	1	20	
4-Bromofluorobenzene (S)	%.				106	111	49-130			
Dibromofluoromethane (S)	%.				108	109	57-130			
Toluene-d8 (S)	%.				106	110	54-133			

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

QC Batch: PMST/7975 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4070765001, 4070765002, 4070765003, 4070765004, 4070765005

SAMPLE DUPLICATE: 719946

Parameter	Units	4071201006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.5	19.8	7	10	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

QC Batch: PMST/7976 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4070765006, 4070765007, 4070765008, 4070765009, 4070765010

SAMPLE DUPLICATE: 719969

Parameter	Units	4070765009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	15.0	5	10	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSV/17783

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

S0	Surrogate recovery outside laboratory control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
W	Non-detect results are reported on a wet weight basis.

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070765

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4070765001	**S WALL 12'**	EPA 5035/5030B	MSV/17780	EPA 8260	MSV/17783
4070765002	**S WALL 8'**	EPA 5035/5030B	MSV/17780	EPA 8260	MSV/17783
4070765003	**FLOOR UNDER HA2 15'**	EPA 5035/5030B	MSV/17780	EPA 8260	MSV/17783
4070765004	**SW CORNER 8'**	EPA 5035/5030B	MSV/17780	EPA 8260	MSV/17783
4070765005	**SW CORNER 12'**	EPA 5035/5030B	MSV/17780	EPA 8260	MSV/17783
4070765006	**SE BY THOMPSON 2-3'**	EPA 5035/5030B	MSV/17780	EPA 8260	MSV/17783
4070765007	**NE BY THOMPSON 3'**	EPA 5035/5030B	MSV/17780	EPA 8260	MSV/17783
4070765008	**N WALL 8'**	EPA 5035/5030B	MSV/17780	EPA 8260	MSV/17783
4070765009	**NE FLOOR 12'**	EPA 5035/5030B	MSV/17780	EPA 8260	MSV/17783
4070765010	**NW WALL 8' AT JCT**	EPA 5035/5030B	MSV/17780	EPA 8260	MSV/17783
4070765011	**MEOH BLANK**	EPA 5035/5030B	MSV/17780	EPA 8260	MSV/17783
4070765001	**S WALL 12'**	ASTM D2974-87	PMST/7975		
4070765002	**S WALL 8'**	ASTM D2974-87	PMST/7975		
4070765003	**FLOOR UNDER HA2 15'**	ASTM D2974-87	PMST/7975		
4070765004	**SW CORNER 8'**	ASTM D2974-87	PMST/7975		
4070765005	**SW CORNER 12'**	ASTM D2974-87	PMST/7975		
4070765006	**SE BY THOMPSON 2-3'**	ASTM D2974-87	PMST/7976		
4070765007	**NE BY THOMPSON 3'**	ASTM D2974-87	PMST/7976		
4070765008	**N WALL 8'**	ASTM D2974-87	PMST/7976		
4070765009	**NE FLOOR 12'**	ASTM D2974-87	PMST/7976		
4070765010	**NW WALL 8' AT JCT**	ASTM D2974-87	PMST/7976		

Pace Analytical® MN
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

4070765

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	ALPHA TERRA SCIENCE
Branch/Location:	PLYMOUTH WI
Project Contact:	KEN ESSOTT
Phone:	920 892 2444
Project Number:	GW-2004-01
Project Name:	GUNDERSON OSHKOSH
Project State:	WI
Sampled By (Print):	KEN ESSOTT
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	REF 52/SAME
Mail To Contact:	KEN ESSOTT
Mail To Company:	ALPHA TERRA SCIENCE
Mail To Address:	1237 PLEASANT ST PLYMOUTH WI 53073
Invoice To Contact:	GARY GUNDERSON
Invoice To Company:	GUNDERSON CLEANERS
Invoice To Address:	C/O ATS
Invoice To Phone:	—

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested VOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	SMALL 12'	11-15-12	10:25	S			X		1-40mlF 1-40zpB	
002	S WALL 8"		10:30				X			
003	FLOOR UNDER MA2 15'		10:35				X			
004	SW CORNER 8'		11:00				X			
005	SW CORNER 12'		11:10				X			
006	SE by Thompson 2-3'		11:20				X			
007	NE by Thompson 3'		13:30				X			
008	N WALL 8'		15:15				X			
009	NE FLOOR 12'		15:20				X			
010	NW WALL 8' AT JCT W/ WALLS		15:40				X			
011	MEOH BLANK		—				X			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: STD

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	11/16/12 1140	Mark W. Yank	11/16/12 1140
Mark W. Yank	11/16/12 1545		11/16/12 1545
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No. 4070765

Receipt Temp = R01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical

Sample Condition Upon Receipt

Client Name: AlphaTerra Project # 4070765

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None Other

Thermometer Used NA

Cooler Temperature RO1

Type of Ice: (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

Optional
Proj. Due Date:
Proj. Name:

Person examining contents:
Date: 11/19/12
Initials: [illegible]

Temp should be above freezing to 6°C for all sample except Biota.
Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 11/19/12

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)

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

November 28, 2012

Ken Ebbott
Alpha Terra Science - Plymouth
1237 South Pilgrim Rd
Plymouth, WI 53073

RE: Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Dear Ken Ebbott:
Enclosed are the analytical results for sample(s) received by the laboratory on November 19, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4070846001	**W-A 7-8'**	Solid	11/16/12 12:00	11/19/12 15:00
4070846002	**W-B 7-8'**	Solid	11/16/12 12:10	11/19/12 15:00
4070846003	**W-C 7-8'**	Solid	11/16/12 12:20	11/19/12 15:00
4070846004	**W-D 13'**	Solid	11/16/12 12:30	11/19/12 15:00
4070846005	**MEOH BLANK**	Solid	11/16/12 00:00	11/19/12 15:00
4070846006	**7X5 TANK**	Water	11/16/12 13:00	11/19/12 15:00
4070846007	**TRIP BLANK**	Water	11/16/12 00:00	11/19/12 15:00

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4070846001	**W-A 7-8'**	EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
4070846002	**W-B 7-8'**	EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
4070846003	**W-C 7-8'**	EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
4070846004	**W-D 13'**	EPA 8260	HNW	64	PASI-G
		ASTM D2974-87	AH	1	PASI-G
4070846005	**MEOH BLANK**	EPA 8260	SMT	64	PASI-G
4070846006	**7X5 TANK**	EPA 8260	HNW	64	PASI-G
4070846007	**TRIP BLANK**	EPA 8260	HNW	64	PASI-G

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: W-A 7-8' **Lab ID: 4070846001** Collected: 11/16/12 12:00 Received: 11/19/12 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	71-43-2	W
Bromobenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	108-86-1	W
Bromochloromethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	74-97-5	W
Bromodichloromethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	75-27-4	W
Bromoform	**<51.8**	ug/kg	120	51.8	2	11/20/12 14:51	11/21/12 22:43	75-25-2	W
Bromomethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	74-83-9	W
n-Butylbenzene	**747**	ug/kg	140	94.2	2	11/20/12 14:51	11/21/12 22:43	104-51-8	
sec-Butylbenzene	**550**	ug/kg	140	58.3	2	11/20/12 14:51	11/21/12 22:43	135-98-8	
tert-Butylbenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	98-06-6	W
Carbon tetrachloride	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	56-23-5	W
Chlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	108-90-7	W
Chloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	75-00-3	W
Chloroform	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	67-66-3	W
Chloromethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	74-87-3	W
2-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	95-49-8	W
4-Chlorotoluene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	106-43-4	W
1,2-Dibromo-3-chloropropane	**<165**	ug/kg	500	165	2	11/20/12 14:51	11/21/12 22:43	96-12-8	W
Dibromochloromethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	124-48-1	W
1,2-Dibromoethane (EDB)	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	106-93-4	W
Dibromomethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	74-95-3	W
1,2-Dichlorobenzene	**<88.8**	ug/kg	120	88.8	2	11/20/12 14:51	11/21/12 22:43	95-50-1	W
1,3-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	541-73-1	W
1,4-Dichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	106-46-7	W
Dichlorodifluoromethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	75-71-8	W
1,1-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	75-34-3	W
1,2-Dichloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	107-06-2	W
1,1-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	75-35-4	W
cis-1,2-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	156-59-2	W
trans-1,2-Dichloroethene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	156-60-5	W
1,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	78-87-5	W
1,3-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	142-28-9	W
2,2-Dichloropropane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	594-20-7	W
1,1-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	563-58-6	W
cis-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	10061-01-5	W
trans-1,3-Dichloropropene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	10061-02-6	W
Diisopropyl ether	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	108-20-3	W
Ethylbenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	100-41-4	W
Hexachloro-1,3-butadiene	**<52.8**	ug/kg	120	52.8	2	11/20/12 14:51	11/21/12 22:43	87-68-3	W
Isopropylbenzene (Cumene)	**100J**	ug/kg	140	58.3	2	11/20/12 14:51	11/21/12 22:43	98-82-8	
p-Isopropyltoluene	**331**	ug/kg	140	58.3	2	11/20/12 14:51	11/21/12 22:43	99-87-6	
Methylene Chloride	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	75-09-2	W
Methyl-tert-butyl ether	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	1634-04-4	W
Naphthalene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	91-20-3	W
n-Propylbenzene	**168**	ug/kg	140	58.3	2	11/20/12 14:51	11/21/12 22:43	103-65-1	
Styrene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: W-A 7-8' **Lab ID: 4070846001** Collected: 11/16/12 12:00 Received: 11/19/12 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	630-20-6	W
1,1,2,2-Tetrachloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	79-34-5	W
Tetrachloroethene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	127-18-4	W
Toluene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	108-88-3	W
1,2,3-Trichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	87-61-6	W
1,2,4-Trichlorobenzene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	120-82-1	W
1,1,1-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	71-55-6	W
1,1,2-Trichloroethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	79-00-5	W
Trichloroethene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	79-01-6	W
Trichlorofluoromethane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	75-69-4	W
1,2,3-Trichloropropane	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	96-18-4	W
1,2,4-Trimethylbenzene	**1720**	ug/kg	140	58.3	2	11/20/12 14:51	11/21/12 22:43	95-63-6	
1,3,5-Trimethylbenzene	**444**	ug/kg	140	58.3	2	11/20/12 14:51	11/21/12 22:43	108-67-8	
Vinyl chloride	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	75-01-4	W
m&p-Xylene	**<100**	ug/kg	240	100	2	11/20/12 14:51	11/21/12 22:43	179601-23-1	W
o-Xylene	**<50.0**	ug/kg	120	50.0	2	11/20/12 14:51	11/21/12 22:43	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	94	%.	57-130		2	11/20/12 14:51	11/21/12 22:43	1868-53-7	D3
Toluene-d8 (S)	96	%.	54-133		2	11/20/12 14:51	11/21/12 22:43	2037-26-5	
4-Bromofluorobenzene (S)	112	%.	49-130		2	11/20/12 14:51	11/21/12 22:43	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.2**	%	0.10	0.10	1		11/27/12 16:45		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: W-B 7-8' **Lab ID: 4070846002** Collected: 11/16/12 12:10 Received: 11/19/12 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/20/12 14:51	11/21/12 21:34	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/20/12 14:51	11/21/12 21:34	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/20/12 14:51	11/21/12 21:34	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/20/12 14:51	11/21/12 21:34	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	541-73-1	W
1,4-Dichlorobenzene	**36.5J**	ug/kg	67.2	28.0	1	11/20/12 14:51	11/21/12 21:34	106-46-7	
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/20/12 14:51	11/21/12 21:34	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: W-B 7-8' **Lab ID: 4070846002** Collected: 11/16/12 12:10 Received: 11/19/12 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/20/12 14:51	11/21/12 21:34	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:34	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	117	%.	57-130		1	11/20/12 14:51	11/21/12 21:34	1868-53-7	
Toluene-d8 (S)	121	%.	54-133		1	11/20/12 14:51	11/21/12 21:34	2037-26-5	
4-Bromofluorobenzene (S)	120	%.	49-130		1	11/20/12 14:51	11/21/12 21:34	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.8**	%	0.10	0.10	1		11/27/12 16:45		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: W-C 7-8' **Lab ID: 4070846003** Collected: 11/16/12 12:20 Received: 11/19/12 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/20/12 14:51	11/21/12 21:57	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/20/12 14:51	11/21/12 21:57	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/20/12 14:51	11/21/12 21:57	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/20/12 14:51	11/21/12 21:57	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/20/12 14:51	11/21/12 21:57	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: W-C 7-8' **Lab ID: 4070846003** Collected: 11/16/12 12:20 Received: 11/19/12 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/20/12 14:51	11/21/12 21:57	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 21:57	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	99	%.	57-130		1	11/20/12 14:51	11/21/12 21:57	1868-53-7	
Toluene-d8 (S)	109	%.	54-133		1	11/20/12 14:51	11/21/12 21:57	2037-26-5	
4-Bromofluorobenzene (S)	109	%.	49-130		1	11/20/12 14:51	11/21/12 21:57	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.2**	%	0.10	0.10	1		11/27/12 16:45		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: W-D 13' **Lab ID: 4070846004** Collected: 11/16/12 12:30 Received: 11/19/12 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/20/12 14:51	11/21/12 22:20	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/20/12 14:51	11/21/12 22:20	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/20/12 14:51	11/21/12 22:20	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/20/12 14:51	11/21/12 22:20	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	75-35-4	W
cis-1,2-Dichloroethene	**95.8**	ug/kg	69.4	28.9	1	11/20/12 14:51	11/21/12 22:20	156-59-2	
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/20/12 14:51	11/21/12 22:20	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: W-D 13' **Lab ID: 4070846004** Collected: 11/16/12 12:30 Received: 11/19/12 15:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	79-34-5	W
Tetrachloroethene	**318**	ug/kg	69.4	28.9	1	11/20/12 14:51	11/21/12 22:20	127-18-4	
Toluene	**46.2J**	ug/kg	69.4	28.9	1	11/20/12 14:51	11/21/12 22:20	108-88-3	
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	96-18-4	W
1,2,4-Trimethylbenzene	**46.8J**	ug/kg	69.4	28.9	1	11/20/12 14:51	11/21/12 22:20	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/20/12 14:51	11/21/12 22:20	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/20/12 14:51	11/21/12 22:20	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	83	%.	57-130		1	11/20/12 14:51	11/21/12 22:20	1868-53-7	
Toluene-d8 (S)	95	%.	54-133		1	11/20/12 14:51	11/21/12 22:20	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	49-130		1	11/20/12 14:51	11/21/12 22:20	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.5**	%	0.10	0.10	1		11/27/12 16:45		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: MEOH BLANK **Lab ID: 4070846005** Collected: 11/16/12 00:00 Received: 11/19/12 15:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/26/12 10:32	11/27/12 12:54	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/26/12 10:32	11/27/12 12:54	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	74-87-3	L2,W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/26/12 10:32	11/27/12 12:54	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/26/12 10:32	11/27/12 12:54	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/26/12 10:32	11/27/12 12:54	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: MEOH BLANK **Lab ID: 4070846005** Collected: 11/16/12 00:00 Received: 11/19/12 15:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/26/12 10:32	11/27/12 12:54	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/26/12 10:32	11/27/12 12:54	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	95	%.	57-130		1	11/26/12 10:32	11/27/12 12:54	1868-53-7	
Toluene-d8 (S)	92	%.	54-133		1	11/26/12 10:32	11/27/12 12:54	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	49-130		1	11/26/12 10:32	11/27/12 12:54	460-00-4	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: 7X5 TANK **Lab ID: 4070846006** Collected: 11/16/12 13:00 Received: 11/19/12 15:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/26/12 12:26	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/26/12 12:26	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/26/12 12:26	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/26/12 12:26	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/26/12 12:26	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/26/12 12:26	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/26/12 12:26	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/26/12 12:26	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/26/12 12:26	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/26/12 12:26	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/26/12 12:26	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/26/12 12:26	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/26/12 12:26	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/26/12 12:26	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/26/12 12:26	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/26/12 12:26	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/26/12 12:26	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/26/12 12:26	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/26/12 12:26	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/26/12 12:26	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/26/12 12:26	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/26/12 12:26	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/26/12 12:26	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/26/12 12:26	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/26/12 12:26	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/26/12 12:26	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/26/12 12:26	75-35-4	
cis-1,2-Dichloroethene	**12.6**	ug/L	1.0	0.83	1		11/26/12 12:26	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/26/12 12:26	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/26/12 12:26	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/26/12 12:26	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/26/12 12:26	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/26/12 12:26	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/26/12 12:26	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/26/12 12:26	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/26/12 12:26	108-20-3	
Ethylbenzene	**1.4**	ug/L	1.0	0.54	1		11/26/12 12:26	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/26/12 12:26	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/26/12 12:26	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/26/12 12:26	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/26/12 12:26	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/26/12 12:26	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/26/12 12:26	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/26/12 12:26	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/26/12 12:26	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/26/12 12:26	630-20-6	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: 7X5 TANK **Lab ID: 4070846006** Collected: 11/16/12 13:00 Received: 11/19/12 15:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/26/12 12:26	79-34-5	
Tetrachloroethene	**66.2**	ug/L	1.0	0.45	1		11/26/12 12:26	127-18-4	
Toluene	**0.69J**	ug/L	1.0	0.67	1		11/26/12 12:26	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/26/12 12:26	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		11/26/12 12:26	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/26/12 12:26	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/26/12 12:26	79-00-5	
Trichloroethene	**12.8**	ug/L	1.0	0.48	1		11/26/12 12:26	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/26/12 12:26	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/26/12 12:26	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/26/12 12:26	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/26/12 12:26	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/26/12 12:26	75-01-4	
m&p-Xylene	**3.2**	ug/L	2.0	1.8	1		11/26/12 12:26	179601-23-1	
o-Xylene	**1.2**	ug/L	1.0	0.83	1		11/26/12 12:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%.	43-137		1		11/26/12 12:26	460-00-4	
Dibromofluoromethane (S)	111	%.	70-130		1		11/26/12 12:26	1868-53-7	
Toluene-d8 (S)	106	%.	55-137		1		11/26/12 12:26	2037-26-5	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: TRIP BLANK **Lab ID: 4070846007** Collected: 11/16/12 00:00 Received: 11/19/12 15:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/26/12 16:55	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/26/12 16:55	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/26/12 16:55	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/26/12 16:55	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/26/12 16:55	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/26/12 16:55	74-83-9	
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/26/12 16:55	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/26/12 16:55	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/26/12 16:55	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/26/12 16:55	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/26/12 16:55	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/26/12 16:55	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/26/12 16:55	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/26/12 16:55	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/26/12 16:55	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/26/12 16:55	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/26/12 16:55	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/26/12 16:55	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/26/12 16:55	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/26/12 16:55	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/26/12 16:55	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/26/12 16:55	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/26/12 16:55	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/26/12 16:55	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/26/12 16:55	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/26/12 16:55	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/26/12 16:55	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/26/12 16:55	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/26/12 16:55	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/26/12 16:55	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/26/12 16:55	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/26/12 16:55	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/26/12 16:55	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/26/12 16:55	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/26/12 16:55	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/26/12 16:55	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/26/12 16:55	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/26/12 16:55	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/26/12 16:55	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/26/12 16:55	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/26/12 16:55	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/26/12 16:55	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/26/12 16:55	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/26/12 16:55	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/26/12 16:55	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/26/12 16:55	630-20-6	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Sample: TRIP BLANK **Lab ID: 4070846007** Collected: 11/16/12 00:00 Received: 11/19/12 15:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/26/12 16:55	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		11/26/12 16:55	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/26/12 16:55	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/26/12 16:55	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	5.0	0.97	1		11/26/12 16:55	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/26/12 16:55	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/26/12 16:55	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/26/12 16:55	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/26/12 16:55	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/26/12 16:55	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/26/12 16:55	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/26/12 16:55	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/26/12 16:55	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/26/12 16:55	179601-23-1	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/26/12 16:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%.	43-137		1		11/26/12 16:55	460-00-4	
Dibromofluoromethane (S)	112	%.	70-130		1		11/26/12 16:55	1868-53-7	
Toluene-d8 (S)	105	%.	55-137		1		11/26/12 16:55	2037-26-5	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

QC Batch: MSV/17779 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4070846001, 4070846002, 4070846003, 4070846004

METHOD BLANK: 716068 Matrix: Solid
Associated Lab Samples: 4070846001, 4070846002, 4070846003, 4070846004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/21/12 13:30	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	11/21/12 13:30	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/21/12 13:30	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	11/21/12 13:30	
1,1-Dichloroethane	ug/kg	<25.0	60.0	11/21/12 13:30	
1,1-Dichloroethene	ug/kg	<25.0	60.0	11/21/12 13:30	
1,1-Dichloropropene	ug/kg	<25.0	60.0	11/21/12 13:30	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	11/21/12 13:30	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	11/21/12 13:30	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	11/21/12 13:30	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	11/21/12 13:30	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	11/21/12 13:30	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	11/21/12 13:30	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	11/21/12 13:30	
1,2-Dichloroethane	ug/kg	<25.0	60.0	11/21/12 13:30	
1,2-Dichloropropane	ug/kg	<25.0	60.0	11/21/12 13:30	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	11/21/12 13:30	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	11/21/12 13:30	
1,3-Dichloropropane	ug/kg	<25.0	60.0	11/21/12 13:30	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	11/21/12 13:30	
2,2-Dichloropropane	ug/kg	<25.0	60.0	11/21/12 13:30	
2-Chlorotoluene	ug/kg	<25.0	60.0	11/21/12 13:30	
4-Chlorotoluene	ug/kg	<25.0	60.0	11/21/12 13:30	
Benzene	ug/kg	<25.0	60.0	11/21/12 13:30	
Bromobenzene	ug/kg	<25.0	60.0	11/21/12 13:30	
Bromochloromethane	ug/kg	<25.0	60.0	11/21/12 13:30	
Bromodichloromethane	ug/kg	<25.0	60.0	11/21/12 13:30	
Bromoform	ug/kg	<25.9	60.0	11/21/12 13:30	
Bromomethane	ug/kg	<25.0	60.0	11/21/12 13:30	
Carbon tetrachloride	ug/kg	<25.0	60.0	11/21/12 13:30	
Chlorobenzene	ug/kg	<25.0	60.0	11/21/12 13:30	
Chloroethane	ug/kg	<25.0	60.0	11/21/12 13:30	
Chloroform	ug/kg	<25.0	60.0	11/21/12 13:30	
Chloromethane	ug/kg	<25.0	60.0	11/21/12 13:30	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/21/12 13:30	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/21/12 13:30	
Dibromochloromethane	ug/kg	<25.0	60.0	11/21/12 13:30	
Dibromomethane	ug/kg	<25.0	60.0	11/21/12 13:30	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	11/21/12 13:30	
Diisopropyl ether	ug/kg	<25.0	60.0	11/21/12 13:30	
Ethylbenzene	ug/kg	<25.0	60.0	11/21/12 13:30	
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	11/21/12 13:30	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	11/21/12 13:30	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

METHOD BLANK: 716068 Matrix: Solid

Associated Lab Samples: 4070846001, 4070846002, 4070846003, 4070846004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	11/21/12 13:30	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	11/21/12 13:30	
Methylene Chloride	ug/kg	<25.0	60.0	11/21/12 13:30	
n-Butylbenzene	ug/kg	<40.4	60.0	11/21/12 13:30	
n-Propylbenzene	ug/kg	<25.0	60.0	11/21/12 13:30	
Naphthalene	ug/kg	<25.0	60.0	11/21/12 13:30	
o-Xylene	ug/kg	<25.0	60.0	11/21/12 13:30	
p-Isopropyltoluene	ug/kg	<25.0	60.0	11/21/12 13:30	
sec-Butylbenzene	ug/kg	<25.0	60.0	11/21/12 13:30	
Styrene	ug/kg	<25.0	60.0	11/21/12 13:30	
tert-Butylbenzene	ug/kg	<25.0	60.0	11/21/12 13:30	
Tetrachloroethene	ug/kg	<25.0	60.0	11/21/12 13:30	
Toluene	ug/kg	<25.0	60.0	11/21/12 13:30	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/21/12 13:30	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/21/12 13:30	
Trichloroethene	ug/kg	<25.0	60.0	11/21/12 13:30	
Trichlorofluoromethane	ug/kg	<25.0	60.0	11/21/12 13:30	
Vinyl chloride	ug/kg	<25.0	60.0	11/21/12 13:30	
4-Bromofluorobenzene (S)	%.	100	49-130	11/21/12 13:30	
Dibromofluoromethane (S)	%.	107	57-130	11/21/12 13:30	
Toluene-d8 (S)	%.	103	54-133	11/21/12 13:30	

LABORATORY CONTROL SAMPLE & LCSD: 716069 716070

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2480	2640	99	105	70-130	6	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2410	2380	96	95	70-130	1	20	
1,1,2-Trichloroethane	ug/kg	2500	2540	2490	101	100	70-130	2	20	
1,1-Dichloroethane	ug/kg	2500	2540	2630	102	105	70-130	3	20	
1,1-Dichloroethene	ug/kg	2500	2560	2700	102	108	64-130	5	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2120	2120	85	85	68-130	0	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2100	2150	84	86	50-150	2	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2540	2520	101	101	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	2500	2240	2220	89	89	70-130	1	20	
1,2-Dichloroethane	ug/kg	2500	2670	2710	107	109	70-130	1	20	
1,2-Dichloropropane	ug/kg	2500	2590	2640	104	106	70-130	2	20	
1,3-Dichlorobenzene	ug/kg	2500	2200	2160	88	86	70-130	2	20	
1,4-Dichlorobenzene	ug/kg	2500	2220	2210	89	89	70-130	0	20	
Benzene	ug/kg	2500	2390	2480	95	99	70-130	4	20	
Bromodichloromethane	ug/kg	2500	2420	2490	97	99	70-130	3	20	
Bromoform	ug/kg	2500	2350	2350	94	94	63-130	0	20	
Bromomethane	ug/kg	2500	2970	3070	119	123	41-142	3	20	
Carbon tetrachloride	ug/kg	2500	2410	2450	97	98	70-130	1	20	
Chlorobenzene	ug/kg	2500	2350	2330	94	93	70-130	1	20	
Chloroethane	ug/kg	2500	2870	3140	115	125	57-130	9	20	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

LABORATORY CONTROL SAMPLE & LCSD: 716069 716070

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/kg	2500	2700	2690	108	107	70-130	1	20	
Chloromethane	ug/kg	2500	1670	1700	67	68	57-130	2	20	
cis-1,2-Dichloroethene	ug/kg	2500	2370	2500	95	100	70-130	5	20	
cis-1,3-Dichloropropene	ug/kg	2500	2330	2340	93	94	70-130	1	20	
Dibromochloromethane	ug/kg	2500	2240	2280	90	91	70-130	2	20	
Dichlorodifluoromethane	ug/kg	2500	1560	1610	62	65	31-150	4	20	
Ethylbenzene	ug/kg	2500	2490	2440	99	97	65-137	2	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2450	2470	98	99	70-130	1	20	
m&p-Xylene	ug/kg	5000	4900	4870	98	97	64-139	1	20	
Methyl-tert-butyl ether	ug/kg	2500	2570	2620	103	105	69-130	2	20	
Methylene Chloride	ug/kg	2500	2470	2510	99	101	70-130	2	20	
o-Xylene	ug/kg	2500	2460	2410	98	96	63-135	2	20	
Styrene	ug/kg	2500	2380	2360	95	94	69-130	1	20	
Tetrachloroethene	ug/kg	2500	2380	2370	95	95	70-130	0	20	
Toluene	ug/kg	2500	2450	2440	98	98	70-130	0	20	
trans-1,2-Dichloroethene	ug/kg	2500	2480	2600	99	104	70-130	5	20	
trans-1,3-Dichloropropene	ug/kg	2500	2340	2350	93	94	70-130	1	20	
Trichloroethene	ug/kg	2500	2620	2640	105	106	70-130	1	20	
Trichlorofluoromethane	ug/kg	2500	2880	3040	115	121	50-150	5	20	
Vinyl chloride	ug/kg	2500	1860	1970	75	79	57-130	6	20	
4-Bromofluorobenzene (S)	%.				96	102	49-130			
Dibromofluoromethane (S)	%.				97	107	57-130			
Toluene-d8 (S)	%.				95	102	54-133			

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

QC Batch: MSV/17807 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4070846005

METHOD BLANK: 717385 Matrix: Solid
Associated Lab Samples: 4070846005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/27/12 09:50	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	11/27/12 09:50	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	11/27/12 09:50	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	11/27/12 09:50	
1,1-Dichloroethane	ug/kg	<25.0	60.0	11/27/12 09:50	
1,1-Dichloroethene	ug/kg	<25.0	60.0	11/27/12 09:50	
1,1-Dichloropropene	ug/kg	<25.0	60.0	11/27/12 09:50	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	11/27/12 09:50	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	11/27/12 09:50	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	11/27/12 09:50	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	11/27/12 09:50	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	11/27/12 09:50	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	11/27/12 09:50	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	11/27/12 09:50	
1,2-Dichloroethane	ug/kg	<25.0	60.0	11/27/12 09:50	
1,2-Dichloropropane	ug/kg	<25.0	60.0	11/27/12 09:50	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	11/27/12 09:50	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	11/27/12 09:50	
1,3-Dichloropropane	ug/kg	<25.0	60.0	11/27/12 09:50	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	11/27/12 09:50	
2,2-Dichloropropane	ug/kg	<25.0	60.0	11/27/12 09:50	
2-Chlorotoluene	ug/kg	<25.0	60.0	11/27/12 09:50	
4-Chlorotoluene	ug/kg	<25.0	60.0	11/27/12 09:50	
Benzene	ug/kg	<25.0	60.0	11/27/12 09:50	
Bromobenzene	ug/kg	<25.0	60.0	11/27/12 09:50	
Bromochloromethane	ug/kg	<25.0	60.0	11/27/12 09:50	
Bromodichloromethane	ug/kg	<25.0	60.0	11/27/12 09:50	
Bromoform	ug/kg	<25.9	60.0	11/27/12 09:50	
Bromomethane	ug/kg	<25.0	60.0	11/27/12 09:50	
Carbon tetrachloride	ug/kg	<25.0	60.0	11/27/12 09:50	
Chlorobenzene	ug/kg	<25.0	60.0	11/27/12 09:50	
Chloroethane	ug/kg	<25.0	60.0	11/27/12 09:50	
Chloroform	ug/kg	<25.0	60.0	11/27/12 09:50	
Chloromethane	ug/kg	<25.0	60.0	11/27/12 09:50	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/27/12 09:50	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/27/12 09:50	
Dibromochloromethane	ug/kg	<25.0	60.0	11/27/12 09:50	
Dibromomethane	ug/kg	<25.0	60.0	11/27/12 09:50	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	11/27/12 09:50	
Diisopropyl ether	ug/kg	<25.0	60.0	11/27/12 09:50	
Ethylbenzene	ug/kg	<25.0	60.0	11/27/12 09:50	
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	11/27/12 09:50	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	11/27/12 09:50	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

METHOD BLANK: 717385 Matrix: Solid

Associated Lab Samples: 4070846005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	11/27/12 09:50	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	11/27/12 09:50	
Methylene Chloride	ug/kg	<25.0	60.0	11/27/12 09:50	
n-Butylbenzene	ug/kg	<40.4	60.0	11/27/12 09:50	
n-Propylbenzene	ug/kg	<25.0	60.0	11/27/12 09:50	
Naphthalene	ug/kg	<25.0	60.0	11/27/12 09:50	
o-Xylene	ug/kg	<25.0	60.0	11/27/12 09:50	
p-Isopropyltoluene	ug/kg	<25.0	60.0	11/27/12 09:50	
sec-Butylbenzene	ug/kg	<25.0	60.0	11/27/12 09:50	
Styrene	ug/kg	<25.0	60.0	11/27/12 09:50	
tert-Butylbenzene	ug/kg	<25.0	60.0	11/27/12 09:50	
Tetrachloroethene	ug/kg	<25.0	60.0	11/27/12 09:50	
Toluene	ug/kg	<25.0	60.0	11/27/12 09:50	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	11/27/12 09:50	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	11/27/12 09:50	
Trichloroethene	ug/kg	<25.0	60.0	11/27/12 09:50	
Trichlorofluoromethane	ug/kg	<25.0	60.0	11/27/12 09:50	
Vinyl chloride	ug/kg	<25.0	60.0	11/27/12 09:50	
4-Bromofluorobenzene (S)	%.	106	49-130	11/27/12 09:50	
Dibromofluoromethane (S)	%.	108	57-130	11/27/12 09:50	
Toluene-d8 (S)	%.	103	54-133	11/27/12 09:50	

LABORATORY CONTROL SAMPLE & LCSD: 717386 717387

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2770	2550	111	102	70-130	8	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2330	2210	93	88	70-130	5	20	
1,1,2-Trichloroethane	ug/kg	2500	2610	2460	105	98	70-130	6	20	
1,1-Dichloroethane	ug/kg	2500	2810	2560	113	102	70-130	10	20	
1,1-Dichloroethene	ug/kg	2500	2740	2450	109	98	64-130	11	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2340	2190	94	88	68-130	6	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2140	2030	86	81	50-150	5	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2590	2470	104	99	70-130	5	20	
1,2-Dichlorobenzene	ug/kg	2500	2390	2200	96	88	70-130	9	20	
1,2-Dichloroethane	ug/kg	2500	2790	2560	112	102	70-130	9	20	
1,2-Dichloropropane	ug/kg	2500	2910	2660	117	106	70-130	9	20	
1,3-Dichlorobenzene	ug/kg	2500	2380	2170	95	87	70-130	9	20	
1,4-Dichlorobenzene	ug/kg	2500	2460	2210	98	88	70-130	10	20	
Benzene	ug/kg	2500	2580	2380	103	95	70-130	8	20	
Bromodichloromethane	ug/kg	2500	2780	2530	111	101	70-130	9	20	
Bromoform	ug/kg	2500	2430	2330	97	93	63-130	4	20	
Bromomethane	ug/kg	2500	2910	2670	117	107	41-142	9	20	CH
Carbon tetrachloride	ug/kg	2500	2640	2390	106	96	70-130	10	20	
Chlorobenzene	ug/kg	2500	2510	2320	101	93	70-130	8	20	
Chloroethane	ug/kg	2500	2850	2520	114	101	57-130	12	20	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

LABORATORY CONTROL SAMPLE & LCSD: 717386 717387

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/kg	2500	3040	2750	122	110	70-130	10	20	
Chloromethane	ug/kg	2500	1510	1400	60	56	57-130	8	20	L0
cis-1,2-Dichloroethene	ug/kg	2500	2710	2380	109	95	70-130	13	20	
cis-1,3-Dichloropropene	ug/kg	2500	2600	2410	104	97	70-130	7	20	
Dibromochloromethane	ug/kg	2500	2440	2280	98	91	70-130	7	20	
Dichlorodifluoromethane	ug/kg	2500	1240	1140	49	46	31-150	8	20	
Ethylbenzene	ug/kg	2500	2640	2430	106	97	65-137	8	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2640	2460	105	98	70-130	7	20	
m&p-Xylene	ug/kg	5000	5350	4880	107	98	64-139	9	20	
Methyl-tert-butyl ether	ug/kg	2500	2580	2440	103	98	69-130	5	20	
Methylene Chloride	ug/kg	2500	2630	2450	105	98	70-130	7	20	
o-Xylene	ug/kg	2500	2670	2410	107	96	63-135	10	20	
Styrene	ug/kg	2500	2570	2290	103	91	69-130	11	20	
Tetrachloroethene	ug/kg	2500	2660	2430	106	97	70-130	9	20	
Toluene	ug/kg	2500	2630	2390	105	95	70-130	10	20	
trans-1,2-Dichloroethene	ug/kg	2500	2740	2480	109	99	70-130	10	20	
trans-1,3-Dichloropropene	ug/kg	2500	2530	2400	101	96	70-130	5	20	
Trichloroethene	ug/kg	2500	2890	2690	116	108	70-130	7	20	
Trichlorofluoromethane	ug/kg	2500	2920	2650	117	106	50-150	10	20	
Vinyl chloride	ug/kg	2500	1800	1650	72	66	57-130	9	20	
4-Bromofluorobenzene (S)	%.				115	106	49-130			
Dibromofluoromethane (S)	%.				112	104	57-130			
Toluene-d8 (S)	%.				109	100	54-133			

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

QC Batch: MSV/17776 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4070846006, 4070846007

METHOD BLANK: 716002 Matrix: Water
Associated Lab Samples: 4070846006, 4070846007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	11/26/12 06:45	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	11/26/12 06:45	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	11/26/12 06:45	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	11/26/12 06:45	
1,1-Dichloroethane	ug/L	<0.75	1.0	11/26/12 06:45	
1,1-Dichloroethene	ug/L	<0.57	1.0	11/26/12 06:45	
1,1-Dichloropropene	ug/L	<0.75	1.0	11/26/12 06:45	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	11/26/12 06:45	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	11/26/12 06:45	
1,2,4-Trichlorobenzene	ug/L	<0.97	5.0	11/26/12 06:45	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	11/26/12 06:45	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	11/26/12 06:45	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	11/26/12 06:45	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	11/26/12 06:45	
1,2-Dichloroethane	ug/L	<0.36	1.0	11/26/12 06:45	
1,2-Dichloropropane	ug/L	<0.49	1.0	11/26/12 06:45	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	11/26/12 06:45	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	11/26/12 06:45	
1,3-Dichloropropane	ug/L	<0.61	1.0	11/26/12 06:45	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	11/26/12 06:45	
2,2-Dichloropropane	ug/L	<0.62	1.0	11/26/12 06:45	
2-Chlorotoluene	ug/L	<0.85	1.0	11/26/12 06:45	
4-Chlorotoluene	ug/L	<0.74	1.0	11/26/12 06:45	
Benzene	ug/L	<0.41	1.0	11/26/12 06:45	
Bromobenzene	ug/L	<0.82	1.0	11/26/12 06:45	
Bromochloromethane	ug/L	<0.97	1.0	11/26/12 06:45	
Bromodichloromethane	ug/L	<0.56	1.0	11/26/12 06:45	
Bromoform	ug/L	<0.94	1.0	11/26/12 06:45	
Bromomethane	ug/L	<0.91	1.0	11/26/12 06:45	
Carbon tetrachloride	ug/L	<0.49	1.0	11/26/12 06:45	
Chlorobenzene	ug/L	<0.41	1.0	11/26/12 06:45	
Chloroethane	ug/L	<0.97	1.0	11/26/12 06:45	
Chloroform	ug/L	<1.3	5.0	11/26/12 06:45	
Chloromethane	ug/L	<0.24	1.0	11/26/12 06:45	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	11/26/12 06:45	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	11/26/12 06:45	
Dibromochloromethane	ug/L	<0.81	1.0	11/26/12 06:45	
Dibromomethane	ug/L	<0.60	1.0	11/26/12 06:45	
Dichlorodifluoromethane	ug/L	<0.99	1.0	11/26/12 06:45	
Diisopropyl ether	ug/L	<0.76	1.0	11/26/12 06:45	
Ethylbenzene	ug/L	<0.54	1.0	11/26/12 06:45	
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	11/26/12 06:45	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	11/26/12 06:45	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

METHOD BLANK: 716002 Matrix: Water

Associated Lab Samples: 4070846006, 4070846007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	<1.8	2.0	11/26/12 06:45	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	11/26/12 06:45	
Methylene Chloride	ug/L	<0.43	1.0	11/26/12 06:45	
n-Butylbenzene	ug/L	<0.93	1.0	11/26/12 06:45	
n-Propylbenzene	ug/L	<0.81	1.0	11/26/12 06:45	
Naphthalene	ug/L	<0.89	5.0	11/26/12 06:45	
o-Xylene	ug/L	<0.83	1.0	11/26/12 06:45	
p-Isopropyltoluene	ug/L	<0.67	1.0	11/26/12 06:45	
sec-Butylbenzene	ug/L	<0.89	5.0	11/26/12 06:45	
Styrene	ug/L	<0.86	1.0	11/26/12 06:45	
tert-Butylbenzene	ug/L	<0.97	1.0	11/26/12 06:45	
Tetrachloroethene	ug/L	<0.45	1.0	11/26/12 06:45	
Toluene	ug/L	<0.67	1.0	11/26/12 06:45	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	11/26/12 06:45	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	11/26/12 06:45	
Trichloroethene	ug/L	<0.48	1.0	11/26/12 06:45	
Trichlorofluoromethane	ug/L	<0.79	1.0	11/26/12 06:45	
Vinyl chloride	ug/L	<0.18	1.0	11/26/12 06:45	
4-Bromofluorobenzene (S)	%.	96	43-137	11/26/12 06:45	
Dibromofluoromethane (S)	%.	107	70-130	11/26/12 06:45	
Toluene-d8 (S)	%.	106	55-137	11/26/12 06:45	

LABORATORY CONTROL SAMPLE & LCSD: 716003 716004

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.6	55.1	109	110	70-136	1	20	
1,1,2,2-Tetrachloroethane	ug/L	50	44.3	47.3	89	95	70-130	6	20	
1,1,2-Trichloroethane	ug/L	50	50.2	50.6	100	101	70-130	1	20	
1,1-Dichloroethane	ug/L	50	52.5	52.3	105	105	70-146	0	20	
1,1-Dichloroethene	ug/L	50	58.3	57.7	117	115	70-130	1	20	
1,2,4-Trichlorobenzene	ug/L	50	50.3	52.4	101	105	70-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	50	40.0	41.8	80	84	46-150	5	20	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	51.9	100	104	70-130	3	20	
1,2-Dichlorobenzene	ug/L	50	50.5	52.3	101	105	70-130	3	20	
1,2-Dichloroethane	ug/L	50	48.0	48.9	96	98	70-144	2	20	
1,2-Dichloropropane	ug/L	50	52.8	53.0	106	106	70-136	0	20	
1,3-Dichlorobenzene	ug/L	50	50.0	51.0	100	102	70-130	2	20	
1,4-Dichlorobenzene	ug/L	50	50.5	52.2	101	104	70-130	3	20	
Benzene	ug/L	50	53.8	53.1	108	106	70-137	1	20	
Bromodichloromethane	ug/L	50	51.7	51.9	103	104	70-133	0	20	
Bromoform	ug/L	50	47.0	48.3	94	97	59-130	3	20	
Bromomethane	ug/L	50	60.8	62.2	122	124	41-148	2	20	
Carbon tetrachloride	ug/L	50	58.4	57.9	117	116	70-154	1	20	
Chlorobenzene	ug/L	50	52.5	52.8	105	106	70-130	1	20	
Chloroethane	ug/L	50	55.8	54.6	112	109	70-139	2	20	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

LABORATORY CONTROL SAMPLE & LCSD: 716003 716004

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/L	50	52.8	53.0	106	106	70-130	1	20	
Chloromethane	ug/L	50	49.4	49.5	99	99	45-154	0	20	
cis-1,2-Dichloroethene	ug/L	50	50.8	51.3	102	103	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	50	44.5	44.4	89	89	70-136	0	20	
Dibromochloromethane	ug/L	50	48.5	48.9	97	98	70-130	1	20	
Dichlorodifluoromethane	ug/L	50	40.4	40.4	81	81	20-157	0	20	
Ethylbenzene	ug/L	50	57.7	58.0	115	116	70-130	0	20	
Isopropylbenzene (Cumene)	ug/L	50	64.0	64.0	128	128	70-130	0	20	
m&p-Xylene	ug/L	100	118	120	118	120	70-130	1	20	
Methyl-tert-butyl ether	ug/L	50	51.0	52.7	102	105	59-141	3	20	
Methylene Chloride	ug/L	50	52.9	52.5	106	105	70-130	1	20	
o-Xylene	ug/L	50	59.4	58.8	119	118	70-130	1	20	
Styrene	ug/L	50	52.4	52.7	105	105	70-130	0	20	
Tetrachloroethene	ug/L	50	53.7	55.7	107	111	70-130	4	20	
Toluene	ug/L	50	56.4	56.6	113	113	70-130	0	20	
trans-1,2-Dichloroethene	ug/L	50	55.6	55.7	111	111	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	50	46.3	47.1	93	94	55-135	2	20	
Trichloroethene	ug/L	50	54.0	54.2	108	108	70-130	0	20	
Trichlorofluoromethane	ug/L	50	55.9	55.5	112	111	50-150	1	20	
Vinyl chloride	ug/L	50	53.0	52.9	106	106	61-143	0	20	
4-Bromofluorobenzene (S)	%.				107	108	43-137			
Dibromofluoromethane (S)	%.				101	102	70-130			
Toluene-d8 (S)	%.				110	110	55-137			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 716391 716392

Parameter	Units	4070782002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	26.2	50	50	81.0	83.3	109	114	70-136	3	20	
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	50	50	46.9	46.6	94	93	70-130	1	20	
1,1,2-Trichloroethane	ug/L	1.0 U	50	50	50.5	49.2	101	98	70-130	3	20	
1,1-Dichloroethane	ug/L	16.5	50	50	67.7	68.4	102	104	70-146	1	20	
1,1-Dichloroethene	ug/L	9.5	50	50	65.9	67.4	113	116	70-130	2	20	
1,2,4-Trichlorobenzene	ug/L	5.0 U	50	50	53.3	52.9	106	105	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	5.0 U	50	50	40.7	42.3	81	85	46-150	4	20	
1,2-Dibromoethane (EDB)	ug/L	1.0 U	50	50	51.8	50.4	104	101	70-130	3	20	
1,2-Dichlorobenzene	ug/L	1.0 U	50	50	52.1	51.7	104	103	70-130	1	20	
1,2-Dichloroethane	ug/L	1.0 U	50	50	48.1	48.8	96	98	70-146	2	20	
1,2-Dichloropropane	ug/L	1.0 U	50	50	54.3	52.9	109	106	70-136	3	20	
1,3-Dichlorobenzene	ug/L	1.0 U	50	50	51.3	50.8	103	102	70-130	1	20	
1,4-Dichlorobenzene	ug/L	1.0 U	50	50	51.1	50.8	102	102	70-130	1	20	
Benzene	ug/L	1.0 U	50	50	52.7	52.8	105	105	70-137	0	20	
Bromodichloromethane	ug/L	1.0 U	50	50	51.5	50.4	103	101	70-133	2	20	
Bromoform	ug/L	1.0 U	50	50	47.3	46.9	95	94	57-130	1	20	
Bromomethane	ug/L	1.0 U	50	50	59.5	62.5	119	125	41-148	5	20	
Carbon tetrachloride	ug/L	1.0 U	50	50	57.5	58.5	115	117	70-154	2	20	
Chlorobenzene	ug/L	1.0 U	50	50	52.4	51.6	105	103	70-130	1	20	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 716391 716392

Parameter	Units	4070782002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloroethane	ug/L	1.0 U	50	50	53.1	53.7	106	107	70-140	1	20	
Chloroform	ug/L	5.0 U	50	50	52.5	52.5	104	104	70-130	0	20	
Chloromethane	ug/L	1.0 U	50	50	46.2	47.1	92	94	45-154	2	20	
cis-1,2-Dichloroethene	ug/L	8.8	50	50	60.2	60.9	103	104	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	1.0 U	50	50	45.1	43.7	90	87	70-136	3	20	
Dibromochloromethane	ug/L	1.0 U	50	50	48.9	48.2	98	96	70-130	1	20	
Dichlorodifluoromethane	ug/L	1.0 U	50	50	36.0	36.6	72	73	10-157	1	20	
Ethylbenzene	ug/L	1.0 U	50	50	57.9	56.2	116	112	70-130	3	20	
Isopropylbenzene (Cumene)	ug/L	1.0 U	50	50	63.5	63.3	127	127	70-130	0	20	
m&p-Xylene	ug/L	2.0 U	100	100	119	116	119	116	70-130	2	20	
Methyl-tert-butyl ether	ug/L	1.0 U	50	50	52.3	52.1	105	104	59-141	0	20	
Methylene Chloride	ug/L	1.0 U	50	50	51.5	52.7	103	105	70-130	2	20	
o-Xylene	ug/L	1.0 U	50	50	58.4	58.0	117	116	70-130	1	20	
Styrene	ug/L	1.0 U	50	50	52.0	51.2	104	102	35-164	2	20	
Tetrachloroethene	ug/L	99.5	50	50	156	154	113	110	70-130	1	20	
Toluene	ug/L	1.0 U	50	50	56.1	55.2	112	110	70-130	2	20	
trans-1,2-Dichloroethene	ug/L	1.0 U	50	50	55.6	55.6	111	111	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	1.0 U	50	50	47.0	46.2	94	92	55-137	2	20	
Trichloroethene	ug/L	7.4	50	50	62.2	60.9	110	107	70-130	2	20	
Trichlorofluoromethane	ug/L	1.0 U	50	50	54.2	53.9	108	108	50-150	1	20	
Vinyl chloride	ug/L	1.0 U	50	50	50.8	51.5	102	103	59-144	2	20	
4-Bromofluorobenzene (S)	%.						106	106	43-137			
Dibromofluoromethane (S)	%.						102	103	70-130			
Toluene-d8 (S)	%.						110	108	55-137			

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

QC Batch: PMST/7958 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4070846001, 4070846002, 4070846003, 4070846004

SAMPLE DUPLICATE: 718225

Parameter	Units	4070813006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.6	15.0	4	10	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSV/17782

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSV/17811

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
W	Non-detect results are reported on a wet weight basis.

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GUN-2004-01 GUNDERSON CLEANERS
Pace Project No.: 4070846

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4070846001	**W-A 7-8'**	EPA 5035/5030B	MSV/17779	EPA 8260	MSV/17782
4070846002	**W-B 7-8'**	EPA 5035/5030B	MSV/17779	EPA 8260	MSV/17782
4070846003	**W-C 7-8'**	EPA 5035/5030B	MSV/17779	EPA 8260	MSV/17782
4070846004	**W-D 13'**	EPA 5035/5030B	MSV/17779	EPA 8260	MSV/17782
4070846005	**MEOH BLANK**	EPA 5035/5030B	MSV/17807	EPA 8260	MSV/17811
4070846006	**7X5 TANK**	EPA 8260	MSV/17776		
4070846007	**TRIP BLANK**	EPA 8260	MSV/17776		
4070846001	**W-A 7-8'**	ASTM D2974-87	PMST/7958		
4070846002	**W-B 7-8'**	ASTM D2974-87	PMST/7958		
4070846003	**W-C 7-8'**	ASTM D2974-87	PMST/7958		
4070846004	**W-D 13'**	ASTM D2974-87	PMST/7958		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Pace Analytical®
www.pacelabs.com

4070846

CHAIN OF CUSTODY

/KF

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	ALPHA TERRA
Branch/Location:	PLYMOUTH
Project Contact:	KEN EBBOTT / BJORN
Phone:	920-892-2444
Project Number:	GUN-2004-01
Project Name:	GUNDERSON CLEANERS
Project State:	WI
Sampled By (Print):	BJORN LYSNE
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	SAME
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOC	DRY WEIGHT	VOC	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	W-A 7-8'	11-16-12	12:00	S	N	F	X	X			1-40mL VOC F 1-40z pres A	
002	W-B 7-8'		12:10									
003	W-C 7-8'		12:20									
004	FD F-D 13'		12:30									
005	MeOH BLANK											
006	7X5 TANK	11-16-12	1:00						X	5-DAY TAT	3-40mL VOC B	
007	TRIP BLANK								X		2-40mL VOC B	

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	
Transmit Prelim Rush Results by (complete what you want):	
Email #1:	bjornlysne@alphaterra.net
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	11-19-12 8:20	Mark W. Sprake	11/19/12 1050
Mark W. Sprake	11/19/12 1500		11/19/12 1500
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No. 4070846

Receipt Temp = R01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / ~~Not Present~~ Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical

Sample Condition Upon Receipt

Client Name: Alphatech Project # 4070846

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None Other

Thermometer Used NA **Type of Ice:** (Wet) Blue Dry None ☐ Samples on ice, cooling process has begun

Cooler Temperature R01 **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Person examining contents:
Date: 11/19/12
Initials: [illegible]

Temp should be above freezing to 6°C for all sample except Biota.
Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12. Water Samples do not have Volume on labels bottles ID's written on bag samples are in
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	Initial when completed / Lot # of added preservative
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 294		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 11/19/12

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)

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

December 12, 2012

Ken Ebbott
Alpha Terra Science - Plymouth
1237 South Pilgrim Rd
Plymouth, WI 53073

RE: Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

Dear Ken Ebbott:
Enclosed are the analytical results for sample(s) received by the laboratory on November 28, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4071131001	**NE WALL 6'**	Solid	11/27/12 11:15	11/28/12 14:30
4071131002	**NORTH FLOOR 10'**	Solid	11/27/12 11:20	11/28/12 14:30
4071131003	**MEOH BLANK**	Solid	11/27/12 00:00	11/28/12 14:30

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4071131001	**NE WALL 6'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4071131002	**NORTH FLOOR 10'**	EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	MAV	1	PASI-G
4071131003	**MEOH BLANK**	EPA 8260	SMT	64	PASI-G

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

Sample: NE WALL 6' **Lab ID: 4071131001** Collected: 11/27/12 11:15 Received: 11/28/12 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/30/12 11:42	12/03/12 14:11	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/30/12 11:42	12/03/12 14:11	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/30/12 11:42	12/03/12 14:11	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/30/12 11:42	12/03/12 14:11	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/30/12 11:42	12/03/12 14:11	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

Sample: NE WALL 6' **Lab ID: 4071131001** Collected: 11/27/12 11:15 Received: 11/28/12 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	79-34-5	W
Tetrachloroethene	**324**	ug/kg	70.1	29.2	1	11/30/12 11:42	12/03/12 14:11	127-18-4	
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/30/12 11:42	12/03/12 14:11	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:11	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	115	%.	57-130		1	11/30/12 11:42	12/03/12 14:11	1868-53-7	
Toluene-d8 (S)	113	%.	54-133		1	11/30/12 11:42	12/03/12 14:11	2037-26-5	
4-Bromofluorobenzene (S)	112	%.	49-130		1	11/30/12 11:42	12/03/12 14:11	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.4**	%	0.10	0.10	1		12/11/12 14:29		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

Sample: NORTH FLOOR 10' **Lab ID: 4071131002** Collected: 11/27/12 11:20 Received: 11/28/12 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/30/12 11:42	12/03/12 14:34	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/30/12 11:42	12/03/12 14:34	104-51-8	W
sec-Butylbenzene	**182**	ug/kg	70.0	29.2	1	11/30/12 11:42	12/03/12 14:34	135-98-8	
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/30/12 11:42	12/03/12 14:34	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/30/12 11:42	12/03/12 14:34	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	541-73-1	W
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	106-46-7	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/30/12 11:42	12/03/12 14:34	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

Sample: NORTH FLOOR 10' **Lab ID: 4071131002** Collected: 11/27/12 11:20 Received: 11/28/12 14:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/30/12 11:42	12/03/12 14:34	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 14:34	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	109	%.	57-130		1	11/30/12 11:42	12/03/12 14:34	1868-53-7	
Toluene-d8 (S)	109	%.	54-133		1	11/30/12 11:42	12/03/12 14:34	2037-26-5	
4-Bromofluorobenzene (S)	108	%.	49-130		1	11/30/12 11:42	12/03/12 14:34	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.3**	%	0.10	0.10	1		12/11/12 14:29		

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

Sample: MEOH BLANK **Lab ID: 4071131003** Collected: 11/27/12 00:00 Received: 11/28/12 14:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	11/30/12 11:42	12/03/12 20:54	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	74-83-9	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	11/30/12 11:42	12/03/12 20:54	104-51-8	W
sec-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	135-98-8	W
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	98-06-6	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	74-87-3	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	106-43-4	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	11/30/12 11:42	12/03/12 20:54	96-12-8	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	124-48-1	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	106-93-4	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	74-95-3	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	11/30/12 11:42	12/03/12 20:54	95-50-1	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	541-73-1	W
1,4-Dichlorobenzene	**30.1J**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	106-46-7	
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	75-71-8	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	75-34-3	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	107-06-2	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	75-35-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	156-59-2	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	156-60-5	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	78-87-5	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	142-28-9	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	594-20-7	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	563-58-6	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	10061-01-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	10061-02-6	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	108-20-3	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	100-41-4	W
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	11/30/12 11:42	12/03/12 20:54	87-68-3	W
Isopropylbenzene (Cumene)	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	98-82-8	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	99-87-6	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	75-09-2	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	91-20-3	W
n-Propylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	103-65-1	W
Styrene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	100-42-5	W

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

Sample: MEOH BLANK **Lab ID: 4071131003** Collected: 11/27/12 00:00 Received: 11/28/12 14:30 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	630-20-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	79-34-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	108-88-3	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	87-61-6	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	120-82-1	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	71-55-6	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	79-00-5	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	75-69-4	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	96-18-4	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	108-67-8	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	75-01-4	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	11/30/12 11:42	12/03/12 20:54	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	11/30/12 11:42	12/03/12 20:54	95-47-6	W
Surrogates									
Dibromofluoromethane (S)	101	%.	57-130		1	11/30/12 11:42	12/03/12 20:54	1868-53-7	
Toluene-d8 (S)	98	%.	54-133		1	11/30/12 11:42	12/03/12 20:54	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	49-130		1	11/30/12 11:42	12/03/12 20:54	460-00-4	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

QC Batch: MSV/17891 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4071131001, 4071131002, 4071131003

METHOD BLANK: 720256 Matrix: Solid
Associated Lab Samples: 4071131001, 4071131002, 4071131003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	12/03/12 08:48	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	12/03/12 08:48	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	12/03/12 08:48	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	12/03/12 08:48	
1,1-Dichloroethane	ug/kg	<25.0	60.0	12/03/12 08:48	
1,1-Dichloroethene	ug/kg	<25.0	60.0	12/03/12 08:48	
1,1-Dichloropropene	ug/kg	<25.0	60.0	12/03/12 08:48	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	12/03/12 08:48	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	12/03/12 08:48	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	12/03/12 08:48	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	12/03/12 08:48	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	12/03/12 08:48	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	12/03/12 08:48	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	12/03/12 08:48	
1,2-Dichloroethane	ug/kg	<25.0	60.0	12/03/12 08:48	
1,2-Dichloropropane	ug/kg	<25.0	60.0	12/03/12 08:48	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	12/03/12 08:48	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	12/03/12 08:48	
1,3-Dichloropropane	ug/kg	<25.0	60.0	12/03/12 08:48	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	12/03/12 08:48	
2,2-Dichloropropane	ug/kg	<25.0	60.0	12/03/12 08:48	
2-Chlorotoluene	ug/kg	<25.0	60.0	12/03/12 08:48	
4-Chlorotoluene	ug/kg	<25.0	60.0	12/03/12 08:48	
Benzene	ug/kg	<25.0	60.0	12/03/12 08:48	
Bromobenzene	ug/kg	<25.0	60.0	12/03/12 08:48	
Bromochloromethane	ug/kg	<25.0	60.0	12/03/12 08:48	
Bromodichloromethane	ug/kg	<25.0	60.0	12/03/12 08:48	
Bromoform	ug/kg	<25.9	60.0	12/03/12 08:48	
Bromomethane	ug/kg	<25.0	60.0	12/03/12 08:48	
Carbon tetrachloride	ug/kg	<25.0	60.0	12/03/12 08:48	
Chlorobenzene	ug/kg	<25.0	60.0	12/03/12 08:48	
Chloroethane	ug/kg	<25.0	60.0	12/03/12 08:48	
Chloroform	ug/kg	<25.0	60.0	12/03/12 08:48	
Chloromethane	ug/kg	<25.0	60.0	12/03/12 08:48	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	12/03/12 08:48	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	12/03/12 08:48	
Dibromochloromethane	ug/kg	<25.0	60.0	12/03/12 08:48	
Dibromomethane	ug/kg	<25.0	60.0	12/03/12 08:48	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	12/03/12 08:48	
Diisopropyl ether	ug/kg	<25.0	60.0	12/03/12 08:48	
Ethylbenzene	ug/kg	<25.0	60.0	12/03/12 08:48	
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	12/03/12 08:48	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	12/03/12 08:48	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

METHOD BLANK: 720256 Matrix: Solid

Associated Lab Samples: 4071131001, 4071131002, 4071131003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	12/03/12 08:48	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	12/03/12 08:48	
Methylene Chloride	ug/kg	<25.0	60.0	12/03/12 08:48	
n-Butylbenzene	ug/kg	<40.4	60.0	12/03/12 08:48	
n-Propylbenzene	ug/kg	<25.0	60.0	12/03/12 08:48	
Naphthalene	ug/kg	<25.0	60.0	12/03/12 08:48	
o-Xylene	ug/kg	<25.0	60.0	12/03/12 08:48	
p-Isopropyltoluene	ug/kg	<25.0	60.0	12/03/12 08:48	
sec-Butylbenzene	ug/kg	<25.0	60.0	12/03/12 08:48	
Styrene	ug/kg	<25.0	60.0	12/03/12 08:48	
tert-Butylbenzene	ug/kg	<25.0	60.0	12/03/12 08:48	
Tetrachloroethene	ug/kg	<25.0	60.0	12/03/12 08:48	
Toluene	ug/kg	<25.0	60.0	12/03/12 08:48	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	12/03/12 08:48	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	12/03/12 08:48	
Trichloroethene	ug/kg	<25.0	60.0	12/03/12 08:48	
Trichlorofluoromethane	ug/kg	<25.0	60.0	12/03/12 08:48	
Vinyl chloride	ug/kg	<25.0	60.0	12/03/12 08:48	
4-Bromofluorobenzene (S)	%.	98	49-130	12/03/12 08:48	
Dibromofluoromethane (S)	%.	102	57-130	12/03/12 08:48	
Toluene-d8 (S)	%.	98	54-133	12/03/12 08:48	

LABORATORY CONTROL SAMPLE & LCSD: 720257 720258

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2560	2470	102	99	70-130	4	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2340	2340	94	94	70-130	0	20	
1,1,2-Trichloroethane	ug/kg	2500	2440	2430	98	97	70-130	0	20	
1,1-Dichloroethane	ug/kg	2500	2550	2520	102	101	70-130	1	20	
1,1-Dichloroethene	ug/kg	2500	2610	2540	104	102	64-130	3	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2190	2200	88	88	68-130	0	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2120	2180	85	87	50-150	2	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2520	2530	101	101	70-130	0	20	
1,2-Dichlorobenzene	ug/kg	2500	2300	2250	92	90	70-130	2	20	
1,2-Dichloroethane	ug/kg	2500	2520	2560	101	102	70-130	1	20	
1,2-Dichloropropane	ug/kg	2500	2560	2560	102	102	70-130	0	20	
1,3-Dichlorobenzene	ug/kg	2500	2280	2260	91	90	70-130	1	20	
1,4-Dichlorobenzene	ug/kg	2500	2330	2300	93	92	70-130	1	20	
Benzene	ug/kg	2500	2310	2280	92	91	70-130	1	20	
Bromodichloromethane	ug/kg	2500	2540	2510	101	100	70-130	1	20	
Bromoform	ug/kg	2500	2550	2530	102	101	63-130	1	20	
Bromomethane	ug/kg	2500	2930	2830	117	113	41-142	3	20	
Carbon tetrachloride	ug/kg	2500	2460	2370	98	95	70-130	4	20	
Chlorobenzene	ug/kg	2500	2360	2330	94	93	70-130	1	20	
Chloroethane	ug/kg	2500	2660	2700	106	108	57-130	2	20	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

LABORATORY CONTROL SAMPLE & LCSD: 720257 720258

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/kg	2500	2710	2680	108	107	70-130	1	20	
Chloromethane	ug/kg	2500	1550	1550	62	62	57-130	0	20	
cis-1,2-Dichloroethene	ug/kg	2500	2460	2420	98	97	70-130	1	20	
cis-1,3-Dichloropropene	ug/kg	2500	2330	2330	93	93	70-130	0	20	
Dibromochloromethane	ug/kg	2500	2350	2390	94	96	70-130	1	20	
Dichlorodifluoromethane	ug/kg	2500	1600	1530	64	61	31-150	5	20	
Ethylbenzene	ug/kg	2500	2470	2420	99	97	65-137	2	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2490	2440	99	98	70-130	2	20	
m&p-Xylene	ug/kg	5000	4970	4910	99	98	64-139	1	20	
Methyl-tert-butyl ether	ug/kg	2500	2540	2530	102	101	69-130	1	20	
Methylene Chloride	ug/kg	2500	2450	2410	98	96	70-130	2	20	
o-Xylene	ug/kg	2500	2470	2440	99	98	63-135	1	20	
Styrene	ug/kg	2500	2340	2340	93	94	69-130	0	20	
Tetrachloroethene	ug/kg	2500	2460	2410	98	97	70-130	2	20	
Toluene	ug/kg	2500	2440	2410	97	96	70-130	1	20	
trans-1,2-Dichloroethene	ug/kg	2500	2520	2470	101	99	70-130	2	20	
trans-1,3-Dichloropropene	ug/kg	2500	2370	2400	95	96	70-130	1	20	
Trichloroethene	ug/kg	2500	2610	2560	104	103	70-130	2	20	
Trichlorofluoromethane	ug/kg	2500	2980	2900	119	116	50-150	3	20	
Vinyl chloride	ug/kg	2500	1820	1780	73	71	57-130	2	20	
4-Bromofluorobenzene (S)	%.				104	102	49-130			
Dibromofluoromethane (S)	%.				102	100	57-130			
Toluene-d8 (S)	%.				101	99	54-133			

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

QC Batch: PMST/8023
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4071131001, 4071131002

SAMPLE DUPLICATE: 725516

Parameter	Units	4071712001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.3	7.3	0	10	

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSV/17893

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

W	Non-detect results are reported on a wet weight basis.

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GUN 2004-01 GUNDERSON OSHKOSH
Pace Project No.: 4071131

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4071131001	**NE WALL 6'**	EPA 5035/5030B	MSV/17891	EPA 8260	MSV/17893
4071131002	**NORTH FLOOR 10'**	EPA 5035/5030B	MSV/17891	EPA 8260	MSV/17893
4071131003	**MEOH BLANK**	EPA 5035/5030B	MSV/17891	EPA 8260	MSV/17893
4071131001	**NE WALL 6'**	ASTM D2974-87	PMST/8023		
4071131002	**NORTH FLOOR 10'**	ASTM D2974-87	PMST/8023		

ATTACHMENT B
BEDROCK SURFACE MAP

University of Wisconsin-Extension
GEOLOGICAL AND NATURAL HISTORY SURVEY
Meredith E. Ostrom, State Geologist and Director
in cooperation with the
U. S. GEOLOGICAL SURVEY

DEPTH TO BEDROCK IN WISCONSIN

Compiled by L. C. TROTTA and R. D. COTTER, 1973

25 0 25 MI.

25 0 25 KM.

SCALE 1:1,000,000
1 inch equals approximately 16 miles

EXPLANATION

Depth to bedrock, in feet.

- 0-50
- 50-100
- 100-200
- 200-300
- 300-400
- 400-500
- 500-600

COMPILED FROM:
Published and unpublished reports of the Wisconsin Geological and Natural History Survey and the U. S. Geological Survey.

CARTOGRAPHIC LABORATORY, UNIVERSITY OF WISCONSIN – MADISON

Base from U. S. Geological Survey
1:1,000,000; Edition of 1968

ATTACHMENT C
PFAS STANDARD OPERATING PROCEDURES

STANDARD OPERATING PROCEDURE

Sampling Protocol for Per-and Polyfluoroalkyl Substances (PFAS)

INTRODUCTION

State regulatory agencies are currently developing sampling guidance, soil and groundwater standards, and other procedures aimed at the regulation of per- and polyfluoroalkyl substances (PFAS). Along with the developing regulatory procedures, there exist several sampling guidance resources from various agencies such as the State of Michigan, the U.S. Department of Defense, the U.S. Environmental Protection Agency, the Interstate Technology & Regulatory Council, and a few analytical laboratories such as Pace Analytical and Test America. This Standard Operating Procedure (SOP) was based on the procedures and guidance developed to date by these agencies. Since regulations and standards regarding PFAS are evolving, it is anticipated that this SOP will require periodic modifications.

When sampling for PFAS, this SOP should be used as a supplement to modify existing EnviroForensics SOP's related to standard groundwater and soil sampling procedures.

Although similar to standard sampling methods for other chemical compounds, special precautions are necessary when sampling for PFAS due to the laboratory detection limits that are in the parts per trillion range, and the proliferation of PFAS in common consumer products. This greatly raises the potential for these compounds to be inadvertently introduced to the samples, resulting in false-positive detections.

The sampling precautions and protocol for PFAS are rigorous and there are many potential opportunities for mistakes in the field that can result in cross-contamination, or the inadvertent introduction of PFAS into the sample media. **It is required that any field investigations for PFAS be conducted by a two (2) person team**. One (1) person is assigned the actual sample collection protocol and the other person is assigned to maintaining the integrity of the sample throughout the sampling process.

PRE-SAMPLING CONSIDERATIONS

As mentioned, PFAS have been detected in many everyday products including cosmetics, soaps, sun-screen, insect repellent, and many products having water repellents and/or stain-resistant coatings to include carpeting, car upholstery, some Tyvek suits, water proof leather boots, garments, and rain-wear. Several agencies have prepared a list of acceptable materials that have

been tested free of PFAS; however, there is a long list of items that have not been tested. This SOP provides some acceptable materials that can be safely used before and during sampling for PFAS, along with comments regarding materials that should not be used and various recommendations to improve sample integrity.

A limited number of readily available and recognizable products are presented below instead of listing all options. For example, there are numerous sun-screen and insect repellent products that have been determined to be PFAS-free (and the list will likely grow over time); however, only a few readily available and recognizable products are listed or recommended here to reduce the number of product decisions that project staff may need to make. If any other product is proposed for use, but is not identified in this SOP as PFAS-free, then that product or substance will need to be analyzed or otherwise determined to be PFAS-free before it can be used.

Personal Hygiene and Care Products

Many personal care products may contain PFAS. These products include soaps, shampoos, cosmetics, deodorants, and dental products including floss. By following this SOP it is not likely that these types of products will come into direct contact with a sample. However, it is **highly recommended that the use of personal care products be curtailed the day of sampling** until more information is available for personal care products that do not contain PFAS.

Personal Protective Equipment

Many common types of protective equipment including clothes, jackets, boots, gloves, Tyvek products, sunscreen, and insect repellents contain PFAS. For common clothing, jackets, boots, and gloves, the PFAS occurs in water repellent and stain repellent treatments that have been applied to the clothing and outer wear. The use of fabric softeners during laundering may also impart PFAS to clothing. Rain suits made of breathable, yet water repellent, materials typically have PFAS in them. Items made of rubber or PVC do not contain PFAS.

Items that may be worn and are known to be free of PFAS include:

- Powderless nitrile gloves;
- Clothing made of natural and synthetic fibers (preferably cotton) and that have been **washed at least six (6) times and without using fabric softeners or dryer sheets**;
- Polyvinyl chloride (PVC) or wax-coated fabrics, including rain gear;
- Any boots or over-boots made of polyurethane or PVC;
- Neoprene;
- Un-coated Tyvek® coveralls;

- Sunscreen: Banana Boat Sport Performance Sunscreen Lotion Broad Spectrum SPF 30; or Coppertone Sunscreen Lotion Ultra Guard Broad Spectrum SPF 50; and
- Insect repellent: Off Deep Woods.

Items that **may not** be worn due to the potential for containing PFAS:

- Coated Tyvek® materials as they do contain PFAS;
- Leather or other steel-toed work boots unless polyurethane or PVC over-boots are used;
- Clothing treated with stain or water repellents;
- Clothing and outerwear that has been dry cleaned; and
- Any rain gear having Gore-Tex™ or other water-proof, or water-repellent fabrics or coatings.

Field Sampling Equipment

Carefully select sampling equipment that directly contacts the sample to ensure it is free from PFAS. Submersible pumps, down-hole instruments, and tubing used for groundwater sampling could have external or internal parts that are not PFAS-free. Check with the manufacturer to evaluate whether there are PFAS-containing components in the equipment. If unsure collect an equipment blank and have it analyzed for PFAS.

Some materials that are known to be PFAS-free include:

- Metals (metal components used for groundwater sampling are typically either stainless steel or brass);
- Nylon;
- PVC (bailers and pump parts);
- High-density polyethylene (HDPE);
- Polypropylene and polyurethane (bailer rope and tubing);
- Silicone (tubing); and
- Acetate (drill core sleeves).

Materials that may contain PFAS and **are not** to be used include:

- Low-density polyethylene (LDPE) tubing. LDPE does not inherently contain PFAS, but may have acquired it through materials used in the manufacturing process. LDPE Zip-loc® sample bags can be used if they do not contact the sample media directly;
- Aluminum foil;

- Teflon-lined tubing or equipment having Teflon components;
- Any product or equipment having any "fluoro" prefix;
- "Rite in the Rain" or other all-weather field books; and
- Sharpie markers, post-it notes, or other adhesive paper products.

In addition, **do not** transport field equipment in direct contact with vehicle carpet or seats. These materials typically contain PFAS in stain and water repellent applications. If equipment must be set on seats or carpet, then transport it in a closed container.

Sample Collection Recommendations:

1. If the depth to water is shallow, use disposable PVC bailers with polypropylene or polyurethane rope.
2. Collect an equipment blank from or through any sampling equipment before its use in the field, unless all equipment materials are inherently PFAS-free, or the manufacturer can guarantee that all components are PFAS-free.
3. Determine if the measuring tape on the water level meter contains PFAS, see #2 above.
4. If using a peristaltic pump to collect shallow water table samples, use only new, unused, tubing that is inherently PFAS-free at each sample location (HDPE, nylon, polyurethane, silicone).
5. If using any other submersible pump in deeper water table conditions, see #2 above.
6. If using any other down-hole data collection probe, see #2 above.
7. For longer-term monitoring of confirmed PFAS in groundwater, consider using dedicated and PFAS-free equipment such as dedicated pumps. Passive Diffusion Bags may be used if equipped with HDPE hydrasleeves and the de-ionized water is PFAS-free.
8. If setting temporary wells, collecting soil samples, or using any other drilling method, ensure that the core sleeves are either acetate, PVC, or HDPE (see #2 above).
9. Use only stainless steel tools or wooden disposable tongue depressors to collect soil sub-samples from drill cores.
10. Use only aluminum or Masonite clipboards with loose paper (non-water resistant) to record field notes.
11. Use only ball-point pens to record field data, prepare sample labels, etc.

Decontamination

It is extremely important that any **water** used for decontamination of equipment or hand washing before, between, and after sampling be free of PFAS. Commercially available distilled water sources should be analyzed for PFAS before its use in the field and should come in an HDPE container. If using municipal water, check with the municipality to determine if the source is

PFAS-free. If that cannot be readily determined, then sample the water for PFAS before its use.

All rental equipment and in-house equipment previously used at other sites needs to be decontaminated before its use. Use only Alconox®, Liquinox®, or Citranox® to decontaminate equipment or wash hands, and use only PVC or HDPE brushes for scrubbing equipment.

Decontaminate equipment before collecting samples, between samples, and at the end of the day. Triple-rinse equipment after cleaning, and change nitrile gloves after decontaminating equipment between sample locations.

FIELD SAMPLING PROCEDURES

Sample Handling

Sample handling procedures are implemented to ensure that sample integrity is maintained throughout the sample collection process. Therefore, the procedures for collecting PFAS samples are not unlike typical sample handling procedures already employed by EnviroForensics personnel. However, due to the pervasiveness of PFAS in the environment, low laboratory detection limits, and possibility of cross-sample contamination, the sample handling procedures for PFAS are more rigorous. EnviroForensics uses a clean hands/dirty hands approach during sample handling activities. One person handles all of the sampling equipment and the other person handles only the sample containers. Specific sample handling procedures with respect to PFAS include:

1. Label sample containers and zip-lock bags in the office before visiting the Site, or in a staging area, and keep the containers in a PFAS-free cooler for use on site. Wash hands and don new powderless nitrile gloves before sample collection.
2. The person designated "dirty hands" handles the sampling equipment only. The person designated "clean hands" holds the sample container and seals the container lid after collecting the sample.
3. **Do not** touch anything other than decontaminated field sampling equipment or sample containers after donning clean nitrile gloves. If you do by accident, change gloves before proceeding further.
4. **Do not** touch the sample or let the outside of the sampling equipment (tubing, bailer, etc.) touch the sample container during sample collection.
5. **Do not** set the sample container on the ground or other surfaces while collecting the sample. That is why there are two people involved.

6. Hands must be washed and new powderless nitrile gloves donned after any decontamination procedure, or (if using all disposable materials) before collecting another groundwater or soil sample;
7. Double bag individual soil or groundwater samples in zip-loc bags and immediately place samples on ice in the cooler.

Additional Considerations

1. Wash hands and change gloves frequently during a long decontamination procedure.
2. Set up a staging area away from the sample collection area for logging field notes, labeling samples containers before sampling, and for taking breaks.
3. **Do not bring any fast food to the site or go off site for lunch.** Fast food wrappers typically contain PFAS. Instead, prepare a lunch and bring it in a plain paper bag to consume in the staging area.
4. Wash hands thoroughly and don clean nitrile gloves following lunch and other breaks.

Laboratory

Many states are currently developing PFAS regulatory standards and laboratory certification programs. There are many compounds of concern contained in the overall PFAS family of chemicals. If State standards have not yet been developed, check with the State regulatory agency to determine the particular compounds to analyze for. Some analytical laboratories have been certified by various agencies such as: State regulatory agencies; Department of Defense; Department of Energy; National Environmental Laboratory Accreditation Program; and International Organization for Standardization. That does not mean that they are set up to analyze for all PFAS chemicals of concern to a particular State agency. Check with the laboratory after determining the State requirements.

Do not use glass sampling containers, as glass tends to adsorb PFAS. Instead, use HDPE or polypropylene containers. Container caps should be of the same material with no Teflon™ seal. Confirm that coolers used to store and ship laboratory samples are PFAS-free. A qualified laboratory will provide the appropriate media for these protocols.

For groundwater samples, do not filter or use a chemical preservative. For samples of municipal drinking water (also possibly used for equipment decontamination) the analytical methods call for preservation with Trizma® to buffer and remove chlorine. Check with the laboratory regarding how many sample containers are needed per sample and appropriate preservatives. Place samples separately in double zip-loc® bags and place immediately on ice. Maintain temperature of the samples below 50° F (10° C). Use regular ice. **Do not use "blue ice" or**

chemical ice packs.

Seal Chain-of-Custody forms and other forms in a zip-loc® bag and tape to the inside lid of the cooler. Tape the cooler closed with a custody seal and ship to the analytical laboratory. Hold time is 14 days to the laboratory with extraction within 28 days.

The current U.S. Environmental Protection Agency (USEPA) developed, and validated analytical methods for PFAS are USEPA Method 533, and USEPA Method 537.1. USEPA Method 533 is focused on the detection of short-chained PFAS (4-12 carbon chain lengths), while Method 537.1 is more focused on detecting longer chain PFAS. Using both methods, up to 29 PFAS chemicals can be detected. These methods were developed for drinking water, but would also apply to groundwater. Soil samples are currently being analyzed for PFAS using a modified Method 537M. New sampling methods are evolving, so these methods may change in the future. Check with State agencies and the analytical laboratories to determine if the above stated methods are still valid or if other methods have been developed and approved by the USEPA and State.

ADDITIONAL FIELD QUALITY CONTROL (BLANKS)

Several different blanks will need to be collected during and possibly before field sampling operations. As previously mentioned, equipment blanks should be collected and analyzed before site work if any materials to be used in field sampling cannot be determined to be PFAS-free. There are additional blanks that will need to be collected during the actual sample collection process to ensure that quality control has been maintained and samples have not been contaminated by outside sources.

Equipment Blanks

Equipment blanks are collected to determine the adequacy of the decontamination process. Equipment blanks are not needed if using dedicated or disposable sampling equipment that has been determined to be PFAS-free.

- Collect an equipment blank by passing PFAS-free water through/over field sampling equipment before use; and
- Collect an additional equipment blank for every five (5) samples collected.

Have the analytical laboratory hold the equipment blanks for possible analysis. Some of the equipment blanks may be analyzed if one or more samples contain PFAS detections.

Field Reagent Blanks

Field reagent blanks (FRBs) are collected to determine if PFAS have entered the samples through the ambient environment, the sampling process in general, and the analytical laboratory sample handling processes. The analytical laboratory will supply a vial of PFAS-free water and an empty sample container for collecting the FRB. The analytical laboratory should be consulted regarding the number of FRBs that should be collected per sampling event.

The FRB will be opened during the collection of one (1) site sample and handled in the same way as that of the site sample. The laboratory provided PFAS-free water will be poured into the provided clean sample vial to mimic field sample collection procedures. As with equipment blanks, reserve the FRBs for possible laboratory analysis if PFAS is detected in any given sample.

Field Duplicates

Collect duplicate samples to measure both field and laboratory precision. The State regulatory agency should be contacted to determine the number of duplicate samples to collect. The State may require more duplicate samples than would be typical for other types of contaminants. For example, the Wisconsin Department of Natural Resources typically requires that one (1) duplicate sample be collected for every 10 groundwater samples that are collected. However, this is guidance (refer to *Groundwater Sampling Desk Reference*, PUBL-DG-037, September 1996) and they may require more when sampling for PFAS.

Trip Blanks

Typically, trip blanks are utilized to determine cross-contamination during shipment of samples and the possible introduction of contaminants in the laboratory environment due to volatile organic compounds. However, the analytical laboratory should be consulted regarding the need for a trip blank during PFAS sampling.

If requested by the laboratory, the laboratory will prepare the trip blanks using PFAS-free water and will ship them with the cooler. If required, include one (1) trip blank in each sample cooler. Do not remove the trip blank from the cooler during sampling, or transport to and from the site. The laboratory will decide whether to run the trip blank if one (1) or more site samples contain PFAS.

REFERENCES

California State Water Quality Control Board, Division of Water Quality, 2019, *Per- and Polyfluoroalkyl Substances (PFAS) Sampling Guidelines*, 9 pp.

Interstate Technology Regulatory Council, 2018, *Site Characterization Considerations, Sampling Precautions, and Laboratory Analytical Methods for Per- and Polyfluoroalkyl Substances (PFAS)*, 9 pp.

Michigan Department of Environmental Quality, 2018, *General PFAS Sampling Guidance*, 24 pp.

Pace Analytical Webpage, *PFAS Field Sampling Guide*: https://www.pacelabs.com/assets/2020-01-14-pfas-field-sampling-guide.pdf.

United States Department of Defense Webpage, *Bottle Selection and Other Sampling Considerations When Sampling for Per- and Poly-Fluoroalkyl Substances (PFAS)*: https://www.denix.osd.mil/edqw/home/what-s-new/unassigned/edqw-pfas-sampling-factsheet-rev-1-2-july-2017/.

United States Environmental Protection Agency Webpage, *EPA Drinking Water Laboratory Method 537 Q&A*: https://www.epa.gov/pfas/epa-drinking-water-laboratory-method-537-qa.

ATTACHMENT D
CITY PROVIDED SEWER REPLACEMENT MAPS

Gunderson Site

Orange Section
Former 12-inch Sewer removed and trench backfilled

Yellow Section
New Sanitary Line Installed in same location and similar depth to removed line

Yellow Section
New Sanitary Line Installed in same location and similar depth to removed line

Magenta Sections
All Magenta lines are removed sewer laterals

Blue Section
New Sanitary line installed in new trench off-set from former 12-inch line

Green Sections
Remaining sewer laterals. Some were removed and reinstalled in same location

Distance: 8.04 ft

Distance: 9.64 ft

Distance: 10.79 ft

NOTES:
1. EXISTING STORM SEWER REMOVALS AND NEW STORM SEWER CONSTRUCTION NOT SHOWN FOR SAKE OF CLARITY. SEE SHEET NO. 2.07.
2. ONLY EXISTING WATER SERVICE CURB BOXES FOUND AT THE TIME OF FIELD SURVEY ARE SHOWN.
3. 8"X 4" WATER SERVICE TEES SHALL BE ANCHORING TEES.

MATCH LINE STA. 103+25

MERILYN R. SMITH HSE #226

4"-45°BEND (TYP)

4"-45°BEND & 4"X 3" REDUCER (TYP)

RETAINING WALL W/FENCE

CHAIN LINK FENCE

INLET PROTECTION, TYPE C

TRINITY EPISCOPAL CHURCH #311 DIVISION

ASPHALT PARKING LOT #206

AIR RELEASE ASSEMBLY

DIVISION STREET

WILLIAM R. MANSKE

JOHN L. KLEIN JR. #144

LSA PROPERTIES L.L.C. #136

REMOVE EXIST. HYDRANT

¾" LEAD (ABANDONED)

HIGH AVENUE

S53°29'58"E

N37°41'37"E

MATCH LINE STA. 109+25

SDD, LLC HSE #303

TODD B. & MARY JANE MURKEN ASPHALT PARKING LOT

JEFFREY B. WILLIAMS HSE #221

MATTHEW L. HOSTAK HSE #217

TIMOTHY R. SCHROEDER #211

SHIVA CORPORATION #215 DIVISION

RICHARD A. WILKINS #149 #147 #145

KLRR, INC. #141 #139

BLAKE S. CADKIN #135

ASPHALT PARKING LOT

REMOVE AND REPLACE EXISTING WATER SERVICE (TYP) SEE SPECIAL PROVISIONS.

REMOVE AND REPLACE EXISTING SANITARY LATERAL (TYP) SEE SPECIAL PROVISIONS.

8"VALVE & VALVE BOX

LANDMARK DEVELOPMENT CO #155

CONNECT 8"W TO EXISTING 4" WITH 8" X 4" REDUCER. INV EL MATCH EXIST.

EXISTING GROUND

PROPOSED PROFILE

757.23

755.04

755.28

REMOVE & REPLACE EXIST. MANHOLE

REMOVE EXIST. MANHOLE CASTING, REPLACE WITH NEW CASTING & ADJUST TO GRADE

REMOVE EXIST. 12"SAN (TYP.)

REMOVE EXIST. 15"SAN (TYP.)

PIPE TRENCH INSULATION

AIR RELEASE ASSEMBLY

292'-8" SAN @ 0.44%

210.5'-8" SAN @ 0.40%

INV 750.33

CONNECT (8"NW) TO EXIST. MH INV 749.05

INV 748.99± (8"SW)

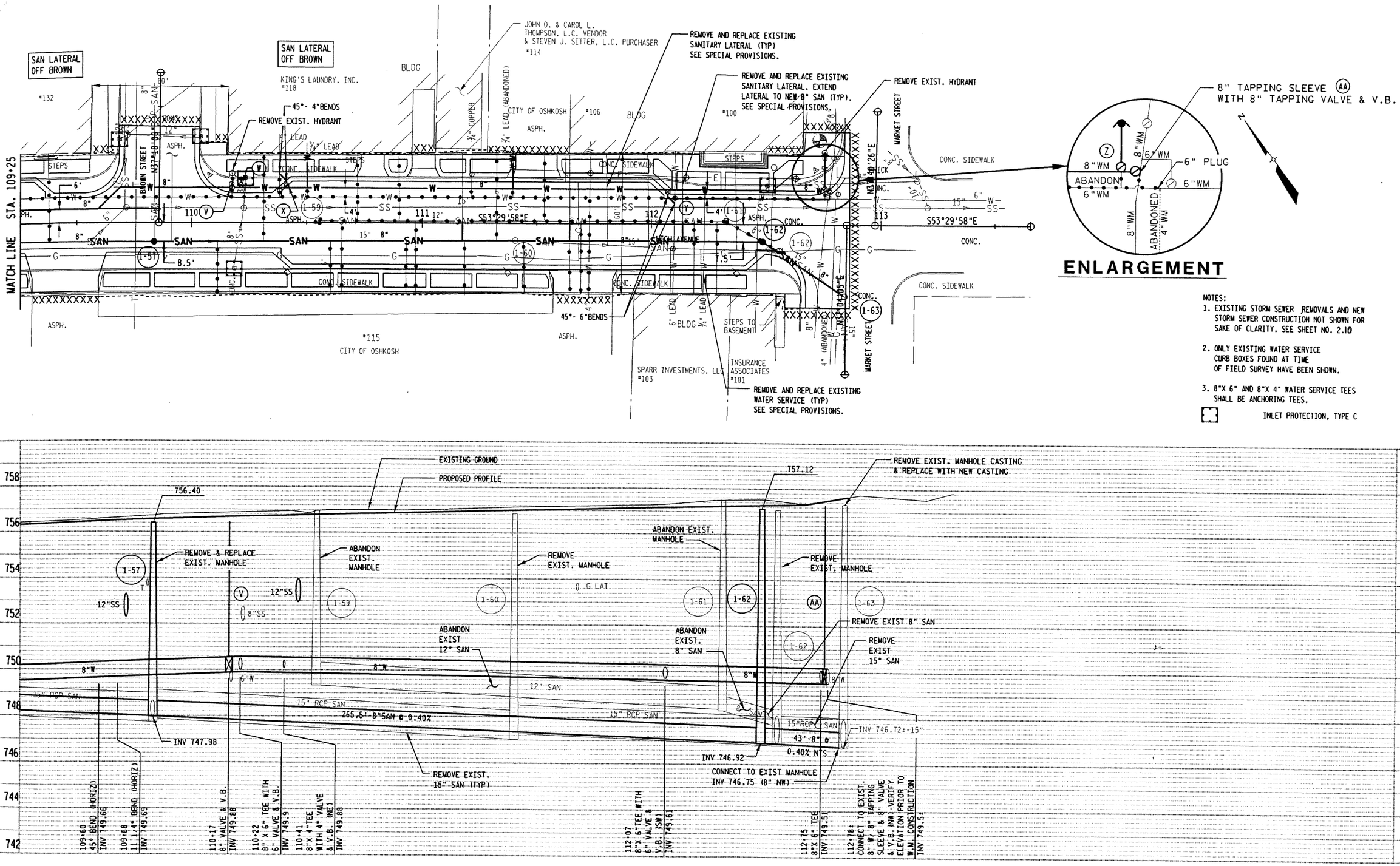
INV 748.82

103+40 BRK IN GRD INV 751.3	103+93 8" VALVE & V.B. INV 749.2	103+98 8"X6" TEE WITH 6" VALVE & V.B. INV 749.18	104+45 8" X 4" TEE WITH 4"VALVE & V.B. (NE) INV 748.93	105+50 DEFLECTION (HORIZ) INV 748.52	105+89 8" X 4" TEE WITH 4" VALVE & V.B. (SW) INV 748.35	106+00 DEFLECTION (HORIZ) INV 748.3	106+44 BRK IN GRD INV 748.4	106+92 8" VALVE & V.B. INV 748.01	106+97 8" X 8" TEE INV 748.04	107+00 DEFLECTION (HORIZ) INV 748.05	107+02 8" VALVE & V.B. INV 748.06	107+29 8" X 6" TEE WITH 6" VALVE & V.B. INV 748.2	107+70 BRK IN GRD INV 747.84	108+00 DEFLECTION (HORIZ) INV 747.73	108+61± 11 1/4° BEND INV 747.5	108+70 11 1/4° BEND INV 749.3

STATE PROJECT NUMBER:6432-09-71	HWY: USH 45 (HIGH AVENUE)	COUNTY: WINNEBAGO	SANITARY SEWER AND WATER MAIN	SHEET NO: 2.13	E

PLOT DATE: Fri Feb 9 12:02:40 2001 ORG DATE : PLOT NAME : Originator : EARTH TECH PLOT SCALE : 40.000000

WISDOT/CADDS SHEET 40



STATE PROJECT NUMBER:6432-09-71	HWY: USH 45 (HIGH AVENUE)	COUNTY: WINNEBAGO	SANITARY SEWER AND WATER MAIN	SHEET NO: 2.14	E

Manhole Inspection Form

Inspector: ROB OLKIEWICZ

MH ID: OLD MH # 01-05

Contractor: WOOD SEWER & EXC.

Contract No. 13-11

Distance from North-South Street Back-of-Walk: ABANDONED OLD 01-05 ft.

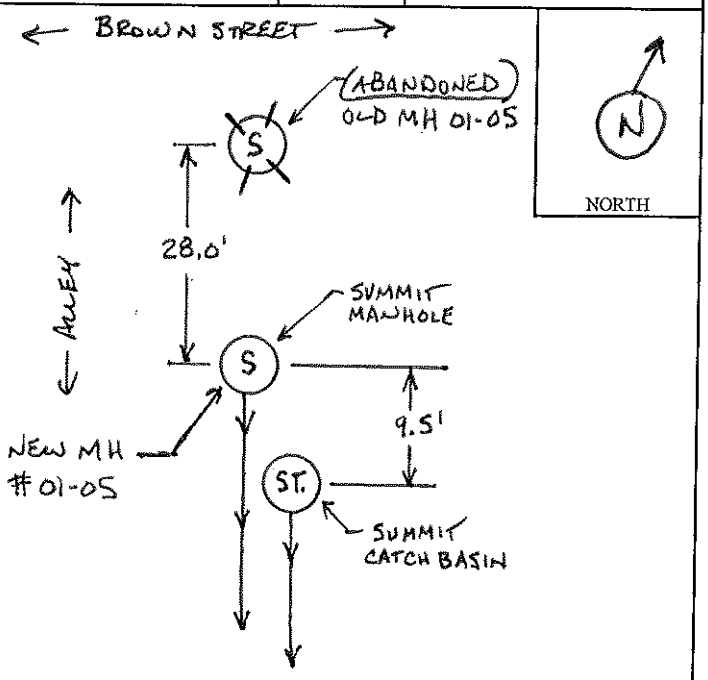
Distance from East-West Street Back-of-Walk: " " " ft.

Notes: WOOD SEWER & EXC. 3.0 HRS OF TIME, 12.0 YDS OF SLURRY EXCAVATION & PAVING TO BE PAID BY CONTRACT PRICES.

HUB EL: — Backsite: — H.I.: —

DESCRIPTION	FORESIGHT	ELEVATION AT INVERT	SIZE	MATERIAL TYPE

DATE ~~INSTALLED~~ ABANDONED	6-19-14
MH TYPE	STO INLET X SAN
PRECAST	—
CONC. BRICK	—
CONC. BLOCK	WAS 1' RISER SECTIONS
MH SIZE	4.0' (WAS)
ECC CONE	Block X YES NO (WAS)
DECK SIZE	—
CASTING DEPTH	4" 6" (9" WAS)
ADJUSTMENT	—

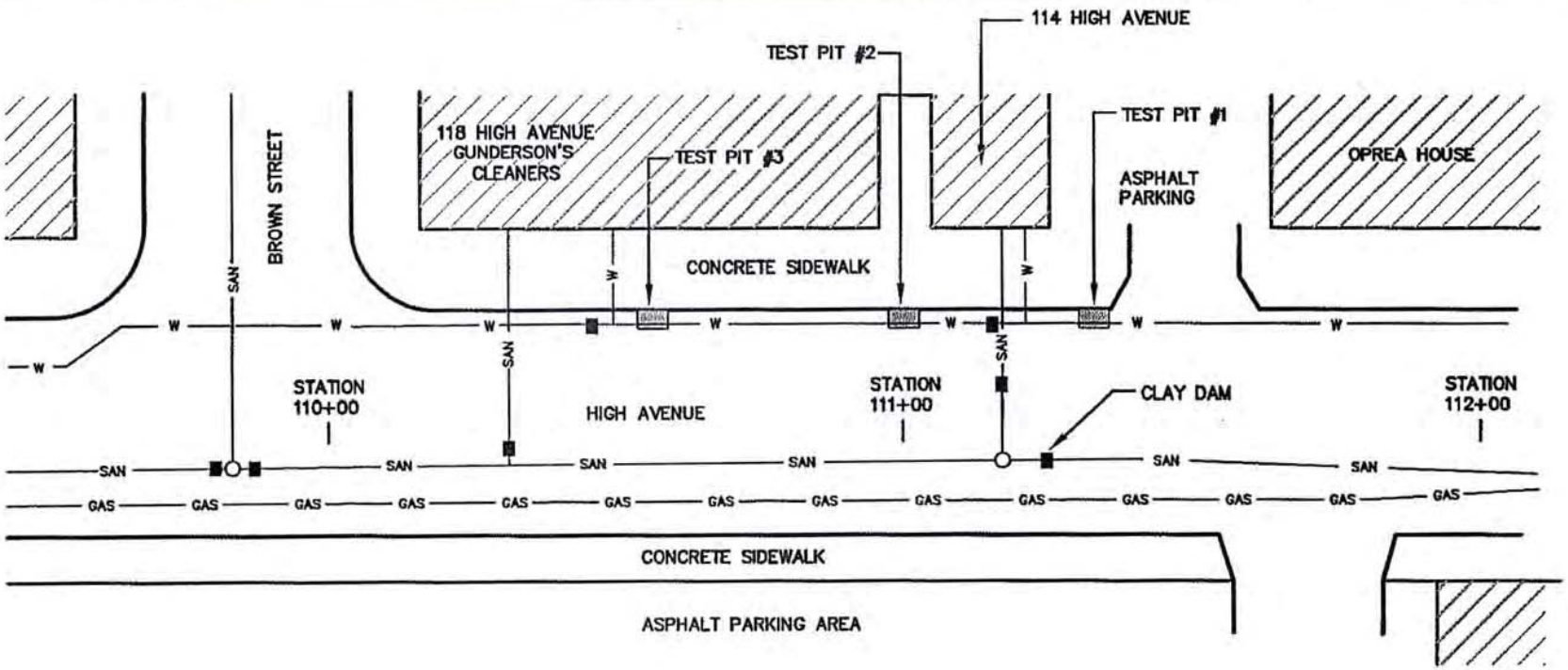


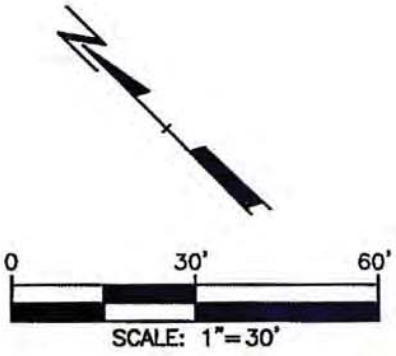
Inspector Signature: R. Olkiewicz

Date: 6-19-14

ATTACHMENT E
UTILITY MAP WITH CLAY DAMS

PLOT DATA
Drawing Name: J:\CADD\PJT\00\00-010735\01\107350101.dwg
Operator Name: debraskm
Scale: 1"=30'
Dwg Size: 54471 Bytes
Plot Date: Friday, August 17, 2001
Plot Time: 12:23.05 PM
Attached Xref's: No xref's attached.
Attached Image's: No images attached





LEGEND

SAN	SANITARY SEWER
W	WATER MAIN
GAS	GAS MAIN

NOTES

1. BASEMAP DIGITIZED FROM WISDOT CONSTRUCTION DRAWING

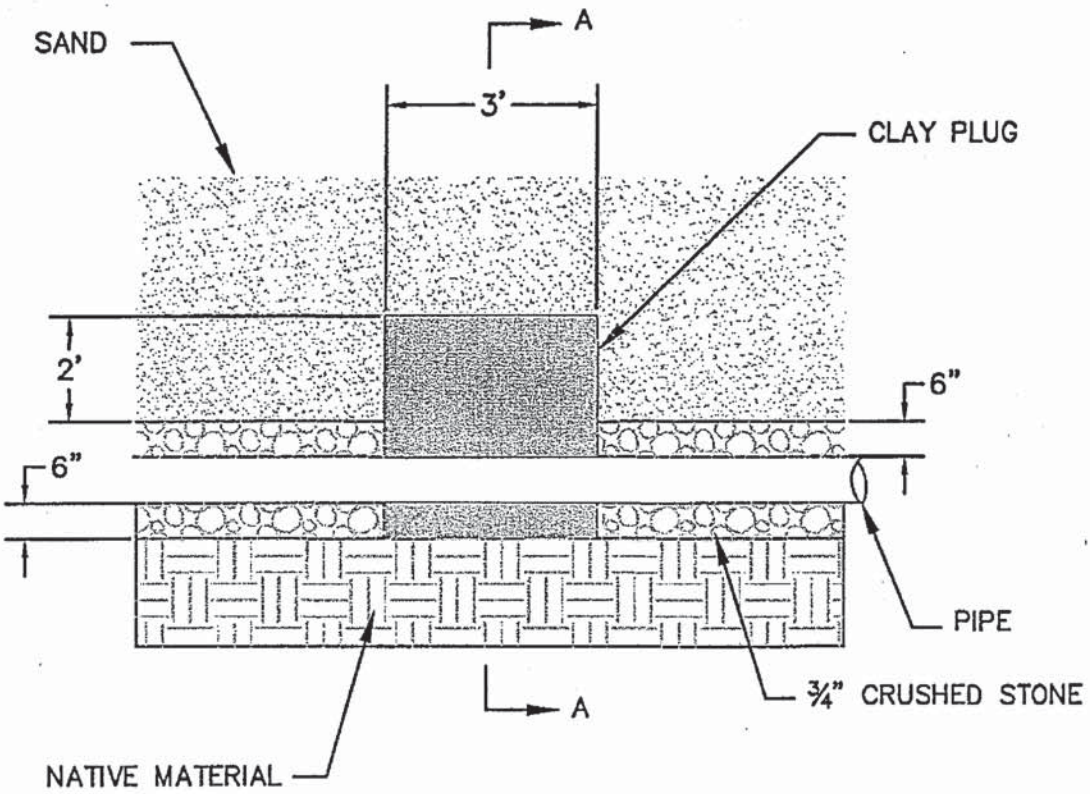
expert RMT INC. 5

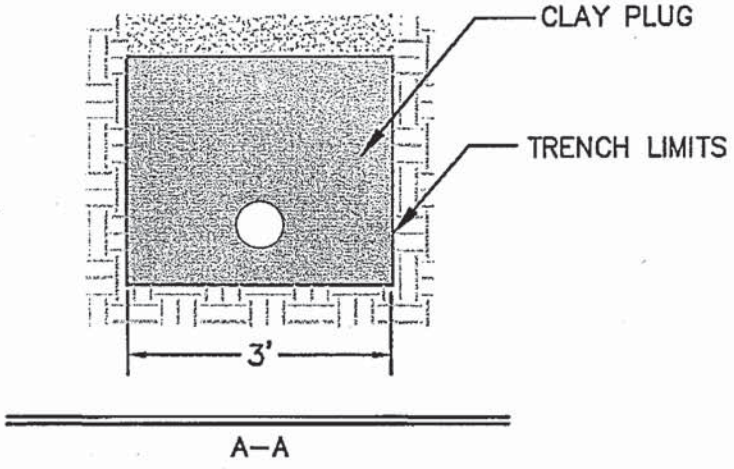
WISCONSIN DEPARTMENT OF TRANSPORTATION
USH 45 (HIGH AVENUE) - WISDOT PROJECT #6432-09-00
OSHKOSH, WI

SITE MAP

DRAWN BY:	DEBRASKM
APPROVED BY:	JHS
PROJECT NO.	10735.01
FILE NO.	107350101.DWG
DATE:	AUGUST 2001

FIGURE 1 OF 2





PLOT DATA:
Drawing Name: G:\DATA\debraskm\Drawing3.dwg
Operator Name: debraskm

Scale: NOT TO SCALE
Dwg Size: 163712 Bytes
Plot Date: Wednesday, August 22, 2001

Plot Time: 3:02.16 PM
Attached Xref's: No xref's attached.
Attached Image's: No images attached

5

RMT INC. expert

CLAY PLUG DETAIL

WISCONSIN DEPARTMENT OF TRANSPORTATION
USH 45 (HIGH AVE) - OSHKOSH, WI
WISDOT PROJECT #6432-09-00

DRAWN BY:	DEBRASKM
APPROVED BY:	JHS
PROJECT NO.	10735.01
FILE NO.	107350102.DWG
DATE:	AUGUST 2001

FIGURE 2 of 2

ATTACHMENT F
THOMPSON STUDIOS SUBSLAB LOCATIONS

ENVIROforensics

Sub-Slab Vapor Field Sampling Form

825 N Capitol Avenue
Indianapolis, IN 46204
(317) 972-7870

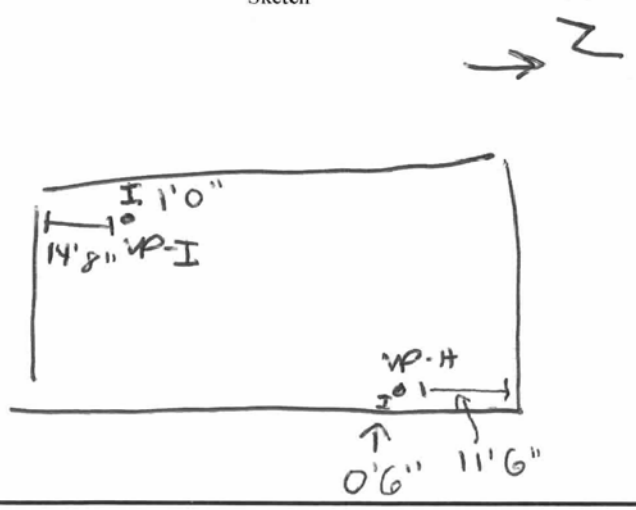
Project Name: Oshkosh Gundersons
Project Number: 200017
Project Address: 118 High Ave. Oshkosh
Client/Contact:

Property Address: 114 High Ave
Oshkosh, WI

Sampler(s): B Kappen / R Brown

Sample ID	Canister ID	Flow Controller ID	Date mm/dd/yy	Time Start hh:mm	Time End hh:mm	Vacuum Reading Initial in. Hg	Vacuum Reading Final in. Hg	Sub-Slab Pressure in H_2O	Negative Pressure Test: Induced -15 in Hg on sample train and pressure held? (yes/no)		Water Dam Test: Water Dam Test passed? (air bubbles not observed or water level did not drop) (yes/no)	
200017-VP-H	83922	0082	6-23-21	1001	1009	-28	-3	-0.010	(yes)	no	(yes)	no
200017-VP-I	83944	0132	6-23-21	917	921	-22	-2	-0.000	(yes)	no	(yes)	no
									yes	no	yes	no
									yes	no	yes	no
									yes	no	yes	no
									yes	no	yes	no

Sketch



Wind Direction	Wind Speed mph	Temperature °F	Relative Humidity %	Barometric Pressure in. of Hg

Notes:

ATTACHMENT G
OPERA HOUSE SUBSLAB SAMPLING LOCATIONS

Location Oshkosh Gundersons Date 6-18-21

Project / Client 200017

70° - cloudy

900 B Kappert + R Brown arrive on-site, meet with law office about VP install

915 install VP-M (permanent)

1015 install VP-N (temporary)

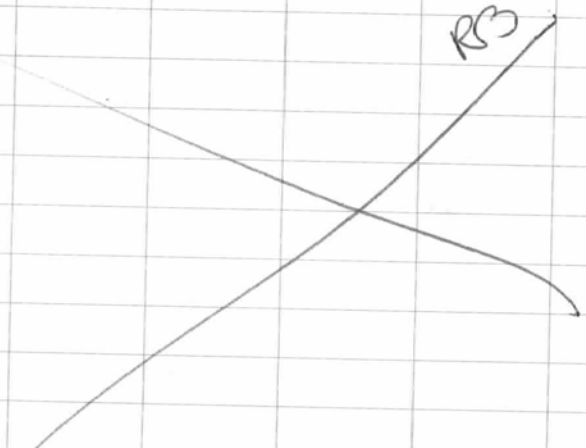
1025 collect 200017-VP-N

1039 collect 200017-VP-M

2" PVC cap over VP-N

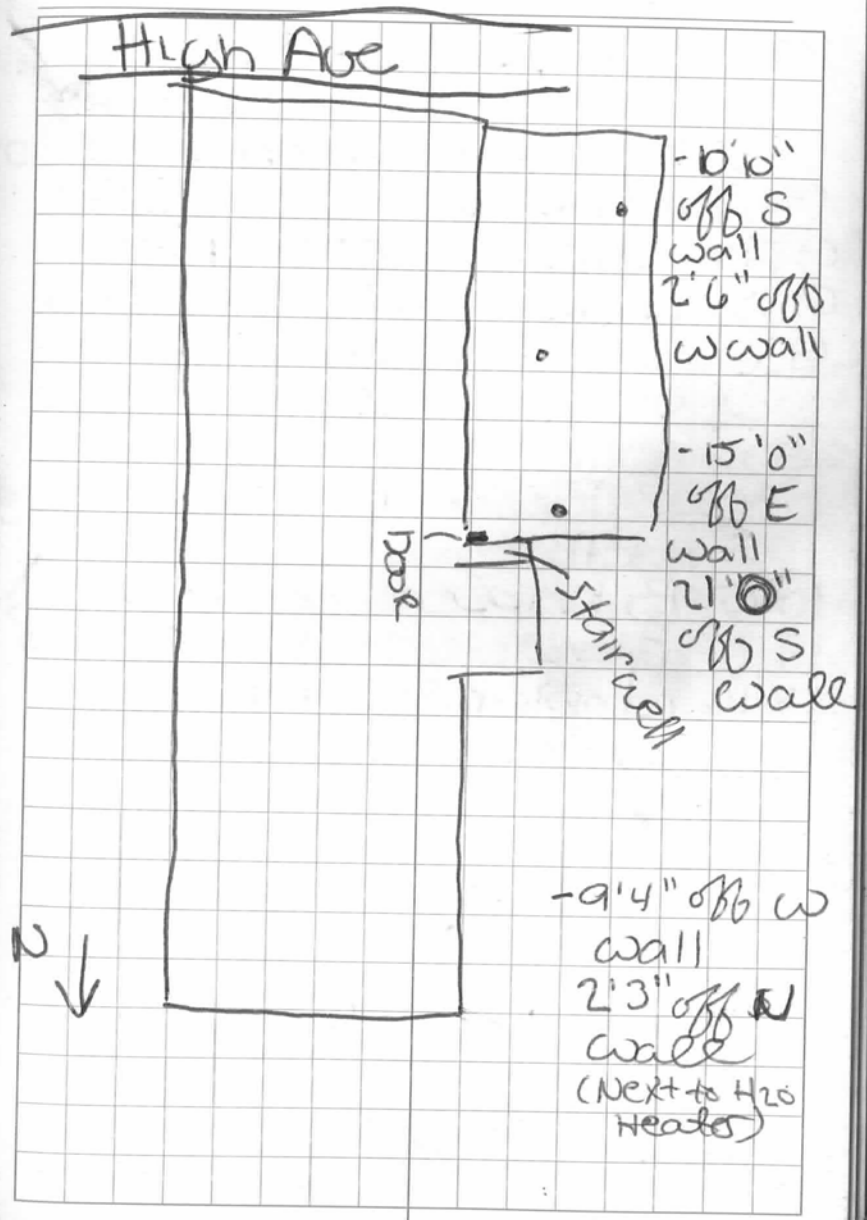
1400 install 3 vapor pins

1512 B Kappert + R Brown leave site



Location Gundersons Date 6-18-21

Project / Client 200017



ATTACHMENT H
SPARR BUILDING SUBSLAB SAMPLING LOCATIONS

ENVIRO forensics

General Comments and Sketch Area

Is there any information you feel is important related to this site and the samples collected which would facilitate an accurate interpretation of the indoor air quality? Sketch floor plan, sample locations, location of background sources.

Comments:

Sketch: