



April 12, 2022

Ms. Dee Lance, Hydrogeologist
Wisconsin Department of Natural Resources
473 Griffith Avenue
Wisconsin Rapids, WI 54494-7859

Re: Klismith Property (former Newman Appraisal Service)
157 N Main Street
Amherst, Wisconsin
BRRS No. 02-50-550910

Subject: Site Investigation Report


Dear Ms. Lance:

Attached for your review and Department files is the *Site Investigation Report* for the Klismith Property (former Newman Appraisal Service). The purpose of this report is to detail the findings of the site investigations completed at the Property.

Under separate cover letter, you will receive for review and approval by the Closure Review Committee, the Case Closure Request for the Klismith Property (former Newman Appraisal Service).

If you have any questions or would like to discuss, please contact me via phone at 715.445.1497 or by email at pete.arntsen@sandcountyenv.com.

Sincerely,
SAND COUNTY ENVIRONMENTAL, INC.


Pete Arntsen, MS, PH, PG
Senior Hydrogeologist/Project Manager

Enclosure: Site Investigation Report

Via email and RR Portal

cc/enc: Mr. Tom Klismith, via email only



April 2022

Site Investigation Report

for

**Klismith Property (former
Newman Appraisal Service)**
Amherst, Wisconsin

prepared on behalf of
Klismith Accounting
Amherst, Wisconsin



Amherst Office
151 Mill Street
PO Box 218
Amherst, WI 54406
Ph 715.824.5169



Cedarburg Office
668 Martin Drive
Cedarburg WI 53012
Ph 414.791.6030



Plymouth Office
W5877 Pheasants Lane
Plymouth, WI 53073
Ph 920.918.9024



Rhineland Office
580 Shepard Street
Suite A
Rhineland, WI 54501
Ph 715.365.1818

Signature Page

This report was prepared by Andrew Rakers and Peter Arntsen and reviewed by Hollie DePuydt, all with Sand County Environmental, Inc.

I, Andrew Rakers, hereby certify that I am a scientist as that term is defined in s. NR 712.03 (3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



4/12/2022

Andrew Rakers, EIT
Project Engineer

Date

I, Peter Arntsen, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

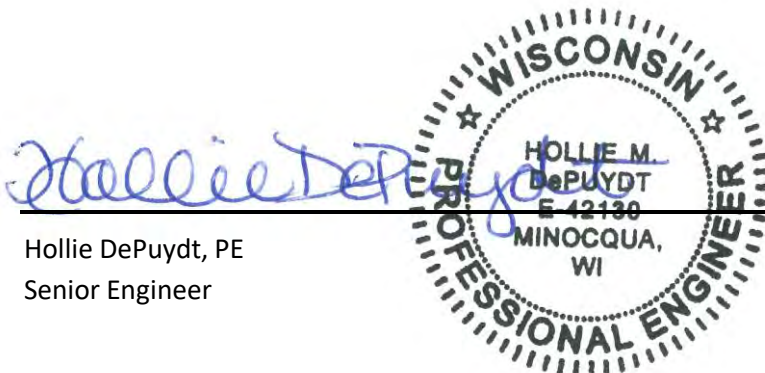


4/12/2022

Peter Arntsen, MS, PH, PG
Project Manager/Senior Hydrogeologist

Date

I, Hollie DePuydt, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



4/12/2022

Hollie DePuydt, PE
Senior Engineer

Date

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Executive Summary

The Klismith Property (former Newman Appraisal Service) (Site) is the location of a former laundry facility that offered dry cleaning services. Investigations performed in 1998, at a nearby petroleum-release site, (Amherst Super Service) revealed the presence of tetrachloroethylene (a.k.a. perchloroethylene and PCE) in groundwater east of the Site. The office building was identified by the Wisconsin Department of Natural Resources (WDNR) as a potential source of the PCE, and the WDNR requested that the owner perform investigations.

In 2007, PCE was detected in groundwater samples collected from two soil borings, one installed in front (east) of the building and the other behind (west). The results were reported to the WDNR, and a responsible party letter was subsequently issued.

In 2009, soil samples were collected from soil borings installed at the Site, groundwater samples were collected in monitoring wells installed downgradient (east) of the Site, and a sub-slab vapor sample was installed in the floor of the office building. PCE was detected in the soil at a concentration above the Groundwater Pathway Residual Contaminant Level (Groundwater RCL); it was detected in the groundwater at concentrations above its NR 140 Enforcement Standard (ES); and it was detected in the soil vapor at a concentration above its Environmental Protection Agency's Vapor Intrusion Screening Level (VISL). The sub-slab vapor concentration was reported to the WDNR, and a sub-slab vapor mitigation system was installed at the Site office building in September 2009.

Due to a number of factors primarily related to property transactions, no further investigations were implemented at the Site until 2019, at which time groundwater samples were collected from four monitoring wells and a vapor sample was collected from exhaust of the mitigation system. The results of the groundwater samples showed concentrations below the NR 140 ES, and the vapor sample concentration was below VISL. After discussing the results with the WDNR, it was determined that additional sampling was warranted.

In 2021, two sub-slab vapor probes were installed in the floor of the office building and sub-slab soil vapor samples were collected on two occasions. In addition, groundwater samples were collected from monitoring wells and municipal water-supply wells. None of the vapor samples had a concentration of PCE above its VISL, and no water sample had a PCE concentration above its ES.

Because there is no evidence of residual PCE present at concentrations above action levels in the soil, groundwater, or soil vapors, the site should be closed and the groundwater monitoring wells abandoned. The sub-slab mitigation system should remain in operation until such time that it is demonstrated that it is no longer necessary.

1 Introduction

1.1 Purpose of Document

The purpose of this Site Investigation Report is to provide documentation and interpretation of site investigation activities and results associated with the former Newman Appraisal Services, now Klismith Accounting.

1.2 Objectives of Investigation

The objectives of this investigation were to determine the extent to which air, soil, and groundwater at or surrounding the Klismith Accounting property (the Site) have been impacted by tetrachloroethene (PCE) and other chlorinated solvents.

1.3 Substances of Concern

The substances of concern at the Site are tetrachloroethylene (PCE) and trichloroethylene (TCE).

1.4 Areas of Concern

The areas of concern include the Site office building, the Site subsurface soils, and the groundwater beneath and downgradient of the site.

1.5 Site Location

1.5.1 Property Address

Klismith Property (former Newman Appraisal Service)
157 N. Main Street
Amherst, WI 54406

Attn: Mr. Tom Klismith
Email: tom.klismith@kerberrose.com
Phone: 715.347.5101

The general Site location is indicated on **Figure 1**.

1.5.2 Public Land Survey System

Northeast Quarter of the Southeast Quarter, Section 21, Township 23 North,
Range 10 East, Village of Amherst, Portage County, Wisconsin.

1.5.3 Latitude/Longitude

Latitude: 44.4511609 N Longitude: 89.2849353 W.

1.5.4 Wisconsin Transverse Mercator 1991

X Coordinate (WTM91): 576894
Y Coordinate (WTM91): 442232

1.6 Interested Parties

1.6.1 Responsible Party and Property Owner

Jay-Mar Road Professional Court, LLC
2040 Jay Mar Road, Suite 1
Plover, WI 54467

Attn: Mr. Tom Klismith, Owner
Email: tom.klismith@kerberrose.com
Phone: 715.347.5101

1.6.2 Environmental Consultant

Sand County Environmental, Inc.
P.O. Box 218
151 Mill Street
Amherst, WI 54406

Attn: Mr. Pete Arntsen, Project Manager
Email: pete.arntsen@sandcountyenv.com
Phone: 715.445.1497

2 Background

2.1 Site Description and Surrounding Land Use

The Site is situated near the center of the Village of Amherst in the downtown commercial district. The single parcel is rather small (about 26 feet by 90 feet) and includes a brick office building on the east half and pervious grass and gravel on the west half. The office building currently is used by the accounting firm KerberRose. The surrounding and nearby properties are primarily commercial businesses and single-family residential.

The Site and surrounding area is shown on **Figure 2**.

2.2 Site History

2.2.1 History of Ownership

The history of Site ownership is partially provided by a written narrative by Mr. and Mrs. Dale and Carol Newman dated February 16, 2008 (**Appendix F**). Ownership information since 2008 was obtained from the International Bank of Amherst and the current property owner:

- 1975 – Building constructed for use as laundromat and included one self-service dry cleaning machine by Mr. Wayne Patoka.
- 1980/1981 – Business and property purchased by Mr. Timothy Quella.
- 1993 – Business ceased operations. Laundry and dry cleaning machines and materials removed.
- 2004 – Property purchased by Mr. and Mrs. Dale and Carol Newman/Newman Enterprises and operated as Newman Appraisal Service.
- 2008 – Property purchased by Mr. and Mrs. James and Jennifer Culver. Subsequently acquired by International Bank of Amherst.
- 2010 to 2021 – Purchased by Jay-Mar Road Professional Court, LLC and operated as Klismith Accounting Services.

2.2.2 History of Significant Facility Operations

The earliest use of the property identified during this investigation was by Amherst Laundry and Dry Cleaning from 1981 to 1991.

The building was reportedly vacant for 10 years prior to purchase by Newman Appraisal, which used it as a business office.

The building had a trench floor drain that drained to the municipal sanitary sewer, but the drain was removed in 2005 when purchased by Newman Appraisal.

A sub-slab mitigation system was installed in September 2009, by Radon Specialists after a sub-slab vapor sample collected in July 2009, had concentrations of PCE above screening levels.

Klismith Accounting used the property as a business office.

2.2.3 Discharge Event

There is no known specific discharge event. The source of the PCE is attributed to operations when dry cleaning services were offered at the Property.

2.3 **Nearby Investigations**

2.3.1 Amherst Super Service

In February 1998, PCE was detected in a groundwater sample collected from a monitoring well installed as part of investigation activities at the Amherst Super Service petroleum release site, located across the street from the Site at 108 Main Street. Dissolved PCE was detected in a sample from a second well in May 1998. Water samples were collected from both wells in August 2001, each had detections of PCE. No PCE was detected in samples collected from two municipal wells located downgradient of the Site. In May 2001, when Case Closure was approved for the Amherst Super Service site, the DNR requested that some of the wells installed during investigation not be abandoned for use in monitoring the PCE plume.

2.4 **Previous Investigations**

2.4.1 Newman Appraisal Phase II Environmental Site Assessment and Site Investigation

In December 2007, a Phase II Environmental Site Assessment (ESA) was conducted at the Site, and PCE was identified in soil and groundwater samples. The results were reported to the Wisconsin Department of Natural Resources (WDNR) and a "Responsible Party" letter dated February 8, 2008, was issued. The Site was subsequently enrolled in the Dry Cleaner Environmental Response Fund (DERF). Consultant selection, scope of work, and costs were approved in November 2008.

In April 2009, four borings, two water table observation wells, and one piezometer were installed, and soil and groundwater samples were collected. Soil samples from two borings had detections of PCE (0.48 milligrams per kilogram [mg/kg] and 0.061 mg/kg). Groundwater samples from two of the three new wells, and from two existing wells (from Amherst Super Service) had detections of PCE (PCE range of 0.55 micrograms per liter [$\mu\text{g}/\text{l}$] to 69 $\mu\text{g}/\text{l}$).

In June 2009, a sub-slab vapor sample was collected from the building. PCE was detected in the sample at 1900 parts per billion by volume (ppbv) (13,100 micrograms per cubic meter [$\mu\text{g}/\text{m}^3$]).

No further investigations were conducted under the Newman Appraisal project.

2.5 **Response Actions**

A sub-slab mitigation system was installed at the office building on the Property in September 2009.

2.6 **Physiographic Setting**

2.6.1 Topography and Hydrology

Downtown Amherst is situated on an alluvial terrace of the nearby Tomorrow River. The topography of the Site is generally flat, with a gentle slope to the east, towards the Tomorrow River. Topography slopes upward to the west starting approximately a quarter mile from the Site.

Much of the surface drainage in the Site area is captured by a municipal storm sewer and discharged to the Tomorrow River. Runoff not captured by the storm sewer flows overland to the River.

The Tomorrow River flows generally north to south a few hundred feet east of the Site. A dam on the River creates a long narrow impoundment that extends to the north.

2.6.2 Geology and Hydrogeology

The geology at the Site consists of alluvial sands deposited over outwash sands. Crystalline bedrock occurs at depths of greater than 100 feet. The well construction reports for Amherst municipal wells No. 1 and No. 2 show the wells screened in sand and gravel to depths of 60 feet.

Groundwater occurs within the coarse-grained sediments at depths of around 10 feet. Groundwater flow is southeast (towards the Tomorrow River and its direction of flow) at estimated flow velocities of greater than 1 foot per day.

2.7 **Potential Sensitive Receptors**

2.7.1 Potable Wells

The Village of Amherst is served by a municipal water system; there are no private drinking water wells near the Site. Two of the three Village of Amherst public water supply wells are less than 500 feet directly downgradient of Site. The third Village well is located on the east side of the River (mill pond) about a half-mile northeast of the Site.

2.7.2 Inhalation Exposure

The Site office building is the only structure considered to be susceptible to vapor intrusion and thus inhalation exposure. The porous soils and pervious surfaces adjacent to the building minimizes the potential threat to adjacent buildings.

2.7.3 Surface Waters and Wetlands

Dissolved PCE is unlikely to have any significant impact on the only nearby surface water (the Tomorrow River).

2.7.4 Utility Corridors

Any PCE originating at the Site is unlikely to impact utility corridors because the depth to water (i.e., about 10 feet) is below the expected depth of utility lines, and the sandy geologic materials are not significantly less permeable than materials potentially used as backfill for utility construction.

3 Methods

3.1 Soil

3.1.1 Soil Sample Collection

Soil samples were collected from two locations in 2007, and from six additional locations in 2009. The samples were collected using a Geoprobe® soil probing unit to drive a Macro-core sampler equipped with acetate liners at intervals of 4 feet. Samples were collected continuously from the surface to the bottom of boring (typically 12 feet), with the liner extracted and replaced after each interval. The acetate liners were split lengthwise allowing access to the geologic materials. Samples were inspected and characterized by a field geologist, and descriptions recorded on field logs.

Soil from selected sample intervals was placed in a ziplock plastic bag and allowed to sit for at least 5 minutes to allow the headspace to equilibrate. The samples were then analyzed using a hand-held photoionization detector.

Samples for laboratory analysis were placed in laboratory-supplied jars and stored on ice pending delivery to lab under chain-of-custody procedures. The samples were analyzed for volatile organic compounds (VOCs).

3.2 Groundwater

3.2.1 Monitoring Well Installation

Two water-table observation wells and one piezometer were installed in 2009. The wells were installed in boreholes created with a 4 1/4-inch hollow-stem auger driven by Geoprobe®. Wells were constructed of 2-inch diameter schedule 40 polyvinylchloride (PVC) equipped with 10-foot (water table wells) or 5-foot (piezometer) screens. The annular space around the well screens were filled with coarse sand that extended at least 1 foot above the top of screen. At least 1 foot of fine sand was placed on top of the filter-packed sand, and the balance of annular space was filled with chipped bentonite. The wells were equipped with a water-tight cap and protected by a flush mount cover.

Monitoring well installation was in accordance with Wisconsin Administrative Code (WAC) NR 141.

3.2.2 Monitoring Well Development

The monitoring wells were developed by using a submersible pump to alternately surge and pump water from the wells until the pump discharge after surging was clear.

3.2.3 Groundwater Monitoring

Groundwater samples were collected from two borings, five water-table observation wells, two piezometers, and two municipal water-supply wells. Four of the monitoring wells were installed during other site investigations.

Prior to sampling the monitoring wells, the well caps were removed and the water levels allowed to equilibrate. Water levels were measured using an electronic water-level indicator, with the depth below the well top measured to the nearest 0.01 foot. The depth measurement was recorded on a field data sheet.

Except for after well development, when samples were collected directly from the submersible pump discharge, samples from monitoring wells were collected by inserting 3/8-inch diameter plastic tubing to the bottom of the well and withdrawing water using a peristaltic pump. The pump discharge was captured in a 5-gallon bucket until approximately 4 gallons were removed, at which time the pump discharge was directed into laboratory supplied containers.

Water sample collection from the municipal wells was coordinated with Village staff. Samples were collected when the wells were operating regularly. The samples were collected from the pump house prior to any treatment.

Grab groundwater samples were collected from two borings by using a peristaltic pump to draw water through plastic tubing from the bottom of the boring and into laboratory-supplied containers.

All groundwater samples were stored on ice pending delivery to a laboratory under chain-of-custody procedures. The samples were analyzed for VOCs.

3.3 Vapor

3.3.1 Vapor Sampling Devices

The first sub-slab vapor sampling device (Vapor 1) was installed in 2009 in the northwestern portion of the building. The location was selected because it was the reported location of the former dry cleaning machine. The sampling device was installed by using a hammer drill to first create a 1/2-inch diameter hole through the building floor (which was approximately 6-inches thick). The hole was over-drilled with a 1-inch drill bit to a depth of approximately 1 inch to create a “cup” at the top of the hole. A 3/8-inch stainless steel tube was inserted into the hole to 2 inches below the base of the concrete slab, then sealed with melted bees wax.

The exhaust pipe for the sub-slab mitigation system, located at the rear (west) side of the building, was used to collect one vapor sample in 2019.

Two Vapor Pins™ (see **Appendix A**) were installed in 2021: one (SSV-201) near the original Vapor 1 location, and another (SSV-202) near the central portion of the building. A hammer drill was used to create a 5/8-inch diameter hole through the concrete slab. The hole was then over-drilled with a 1 1/2-inch diameter bit to a depth of approximately 1 1/2-inches. A Vapor Pin™ with silicone sleeve was inserted into the smaller diameter hole with the top of sampling port set just below the floor.

3.3.2 Vapor Sample Collection

The first sub-slab vapor sample was collected immediately after installation by connecting laboratory-supplied plastic tubing to the steel tube and connecting the other end of the tubing to a summa canister. The valve to the summa canister was opened and allowed to fill. The initial canister pressure (vacuum) was recorded and the valve was closed when the pressure approached zero (atmospheric pressure.)

The vapor exhaust sample was collected with a summa canister by lowering the sample tubing into the exhaust port while the system was operating. Initial canister pressure was recorded and the valve was closed when near zero.

Samples from the Vapor Pins™ were collected in accordance with recommended Vapor Pins™ sampling procedures. The sampling train included valve fittings that were pressure tested prior to use. The sampling train allowed the sub-slab vapors to be purged and monitored with a hand-held photoionization detector prior to closing the exhaust port and opening the summa canister port. As with other vapor samples, the canisters were allowed to fill until the canister pressure was near atmospheric.

3.4 Sample Analysis

All soil, water, and vapor samples were submitted to WDNR-certified labs for analysis of VOCs.

The groundwater and soil samples collected in 2007 were analyzed by CT Laboratories, Inc. in Baraboo, Wisconsin.

Soil samples collected in 2009 were analyzed by TestAmerica in Watertown, Wisconsin. The sub-slab vapor sample collected in 2009 was analyzed TestAmerica in Knoxville, Tennessee.

The 2019 and 2021 groundwater samples were analyzed by PACE Analytical in Green Bay, Wisconsin.

The 2019 and 2021 vapor samples were analyzed by Pace Analytical in Minneapolis, Minnesota.

Laboratory reports are included in **Appendix B**.

3.5 Boring and Well Abandonment

Bore holes without wells installed were abandoned by backfilling with chipped bentonite after sample collection. Boring and well abandonment was performed in accordance with WAC NR 141.

MW-2 was abandoned shortly after the first water sample was collected when it was discovered that it was installed though a sanitary lateral. The well was abandoned by filling the well casing with chipped bentonite and cutting off the PVC at least 30 inches below ground surface. The sewer lateral was repaired by the Village of Amherst.

The first vapor sampling device, Vapor 1, was abandoned immediately after sample collection by removing the steel tubing and sealing the hole with concrete.

3.6 Investigative Wastes

Soils not submitted for laboratory analysis or retained for geologic characterization were thin-spread on pervious areas of the Property.

Groundwater development and purge water were thin-spread on impervious surfaces and allowed to evaporate.

Vapors purged during sub-slab sampling were vented to atmosphere.

4 Results and Discussion

4.1 Geologic and Hydrogeologic Characteristics

Well and boring locations and the Site layout are indicated on **Figure 2**; a geologic cross-section is included as **Figure 3**; boring logs, well logs, and abandonment forms from this Site investigation are included in **Appendix C**. Boring logs, geologic cross-sections, and water table contour maps from the Amherst Super Station project are included in **Appendix D**.

The geologic conditions are well defined in the Site area. The surficial few feet are silty and sandy loess and alluvial deposits. The balance of the unconsolidated deposits is poorly graded sands with occasional lenses of fines deposited as alluvium, outwash, or coarse till. Crystalline bedrock underlies the unconsolidated deposits at depths of around 100 feet.

The hydrogeologic conditions are similarly well defined. Groundwater occurs approximately 10 feet below ground surface at the Site, and becomes shallower as the surface topography drops to the Tomorrow River. The groundwater flow direction is southeasterly from the Site to the river. The hydraulic conductivity of the aquifer sediments is estimated to be on the order of 50 to 100 feet per day, and average linear groundwater flow velocity on the order of 1 to 2 feet per day.

4.2 Degree and Extent of PCE

4.2.1 Soil

Soil sample locations and results from October 2021, are indicated on **Figure 4**; results are also included on **Table 1**.

PCE was detected in soil samples collected from two locations: B-7 and MW-2. Both locations are outside the west side of the building, and both samples were collected from depths of 3 to 4 feet below ground surface. The concentrations were above the Groundwater Pathway Residual Contaminant Level (RCL) but below Direct Contact RCLs.

Acetone and methylene chloride were detected at two locations: B-2 and B-3. However, these detections are considered to be spurious and are attributed to cross-contamination, probably by the lab. Reasons to discount the results include the compounds are common solvents used in laboratories, and methylene chloride was detected in the method blank. Regardless, the concentrations were well below any RCLs.

4.2.2 Groundwater

Groundwater sample locations are shown on **Figure 5**; results are included on **Table 2**; laboratory reports for samples collected in 2019 and 2021 are included in **Appendix B**; field notes are included in **Appendix C**.

PCE was detected at six locations: B-1, B-2, MW-1, PZ-1, MW-100, and MW-1000. The highest concentration detected was 69 µg/l at MW-1 in 2009. Samples collected from the well in 2019 and 2021 were below the ES for the substance.

PCE was not detected in any sample collected from the Village municipal wells.

4.2.3 Vapor Investigations

Vapor sampling locations are shown on **Figure 6**; results are included on **Table 3**; laboratory reports for samples collected in 2019 and 2021 are included in **Appendix B**; field notes are included in **Appendix C**.

PCE was detected at all four vapor sample locations. The highest concentration (13,100 µg/m³) was in the 2009 sample from Vapor 1. Samples collected from that location (SSV-201) on two occasions in 2021 had PCE concentrations of 39.6 µg/m³ and 41.6 µg/m³. Samples from SSV-202 collected on the same dates had similar concentrations as SSV-201. The 2021 concentrations are below sub-slab vapor screening levels determined using the U.S. EPA Vapor Intrusion Screening Level (VISL) calculator and reported in DNR Publication RR-0136 (WDNR, 2022).

5 Conclusions and Recommendations

5.1 Conclusions

The result investigations performed to date adequately define the degree and extent of PCE and TCE in the soil, groundwater, and soil vapors at and near the Site.

- PCE/TCE concentrations in the soil are below direct contact RCLs, and the residual contamination is not impacting groundwater quality above NR 140 ES, nor contributing to sub-slab vapor concentrations that exceed EPA Vapor Intrusion Screening Levels.
- PCE/TCE concentrations in the groundwater are below NR 140 ES; the residual contamination is not a threat to the municipal wells or the Tomorrow River; the dissolved concentrations are not contributing to sub-slab vapor concentrations that exceed EPA Vapor Intrusion Screening Levels; and the concentrations will decrease over time due to natural attenuation processes.
- PCE/TCE concentrations in the soil vapors are below sub-slab vapor concentrations that exceed EPA Vapor Intrusion Screening Levels, and there is no evidence that vapor intrusion presents a threat to Indoor Air Vapor Action Levels (WDNR, 2022).

5.2 Recommendations

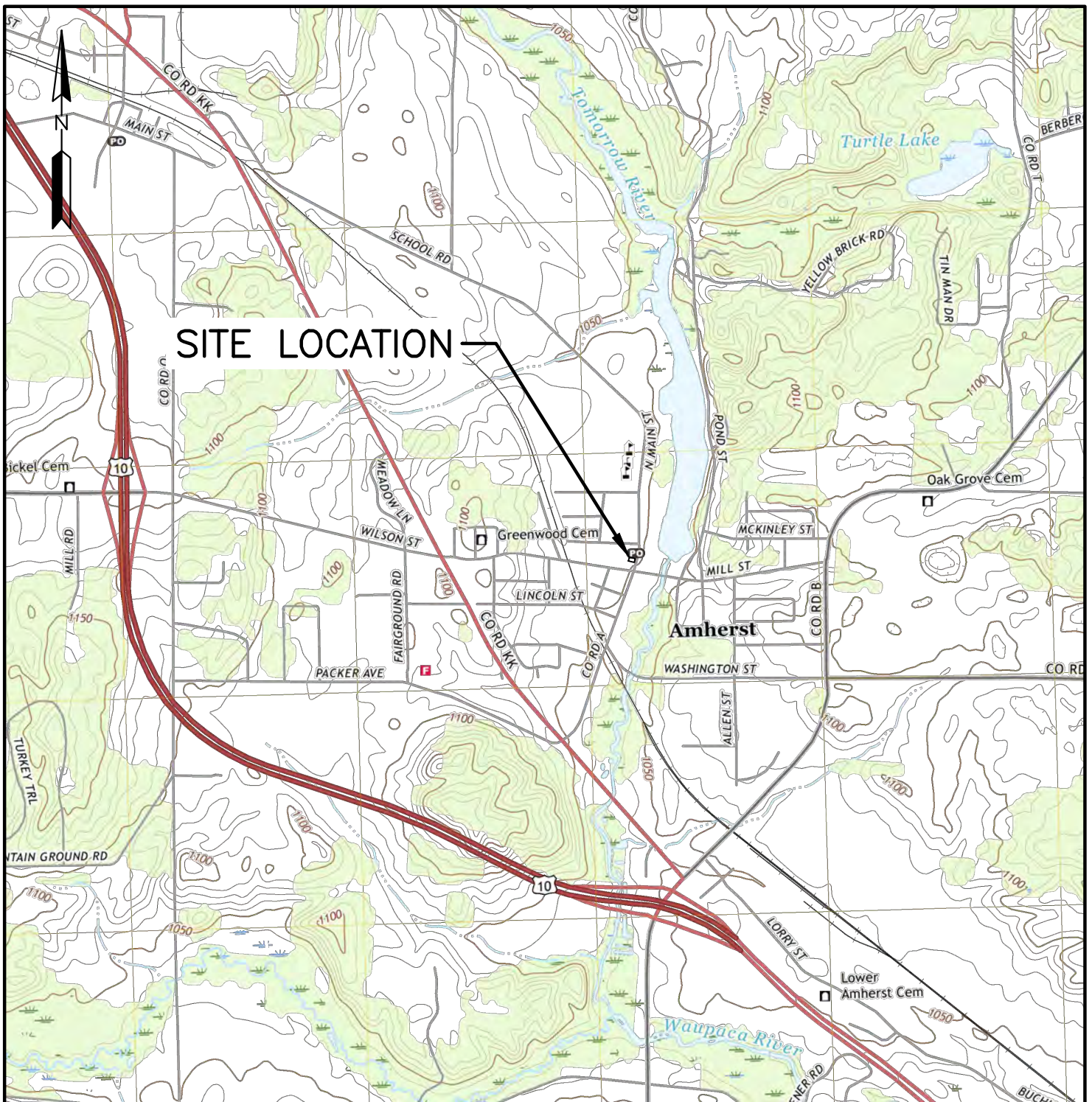
Because the residual PCE/TCE does not present a threat to human health or the environment, the Site should be closed in accordance with NR 726. To that end, a Case Closure packet will be assembled and submitted to WDNR. After closure is approved, the monitoring wells should be abandoned per NR 141 and final closure granted.

6 References

Wisconsin Department of Natural Resources, 2022, *Wisconsin Vapor Quick Look-Up Table for Indoor Air VALs and VRSL (RR-0136)*.

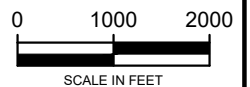
Wisconsin Department of Natural Resources, Bureau for Remediation and Redevelopment Tracking System on the Web, RR Sites Map and Database.

Figures



REFERENCE:
USGS 7.5 MIN. AMHERST (2018) WISCONSIN
TOPOGRAPHIC QUADRANGLE.

WISCONSIN
PORTAGE COUNTY



SITE LOCATION MAP
FORMER NEWMAN APPRAISAL SERVICE
157 NORTH MAIN STREET
AMHERST, WISCONSIN

DATE: NOVEMBER 2021 DRAWN BY: ASR
SCALE: 1"=2000' APPROVED: PA

FIGURE 1

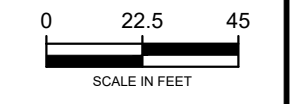


LEGEND

	PROPERTY BOUNDARY (APPROXIMATE)
B-1	SOIL BORING LOCATION
SSV 201	VAPOR SAMPLE LOCATION
MW-1	MONITORING WELL
MW-1000	ABANDONED MONITORING WELL
	ESTIMATED GROUNDWATER FLOW
(P)	VILLAGE WELL

NOTE: MW-1 AND PZ-1 WILL BE ABANDONED.

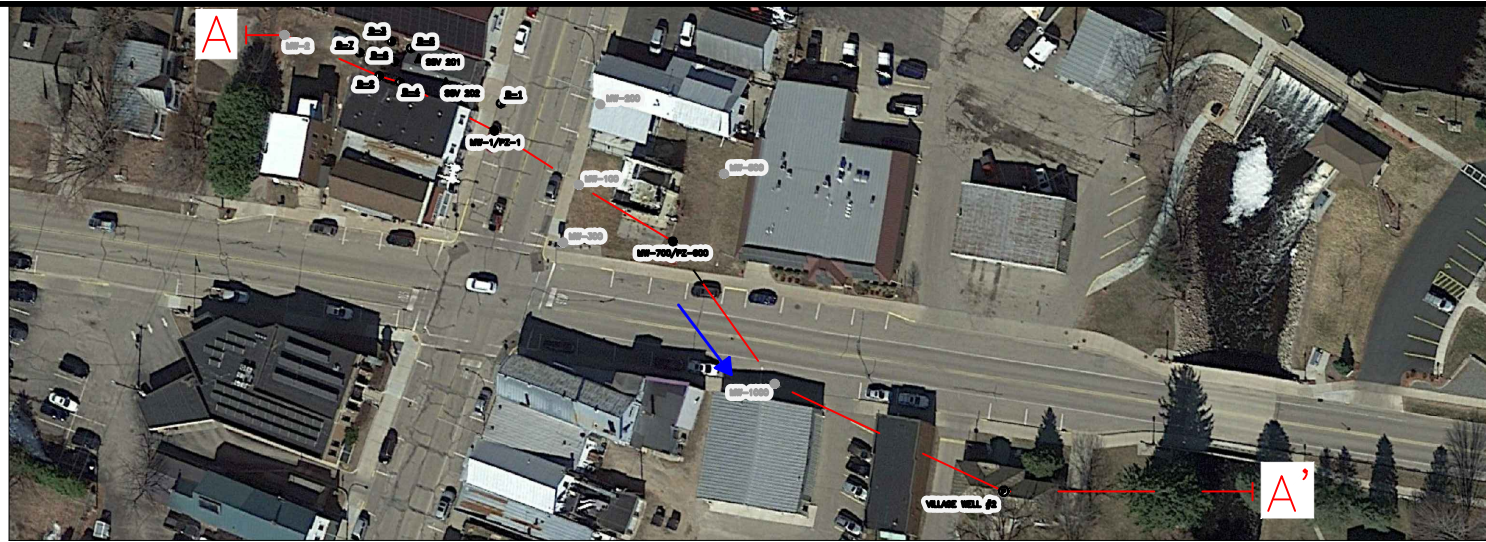
PHOTOSOURCE: GOOGLE EARTH IMAGE DATE MARCH 2021. DATE ACCESSED NOVEMBER 2021.



SITE LAYOUT AND SAMPLE LOCATIONS

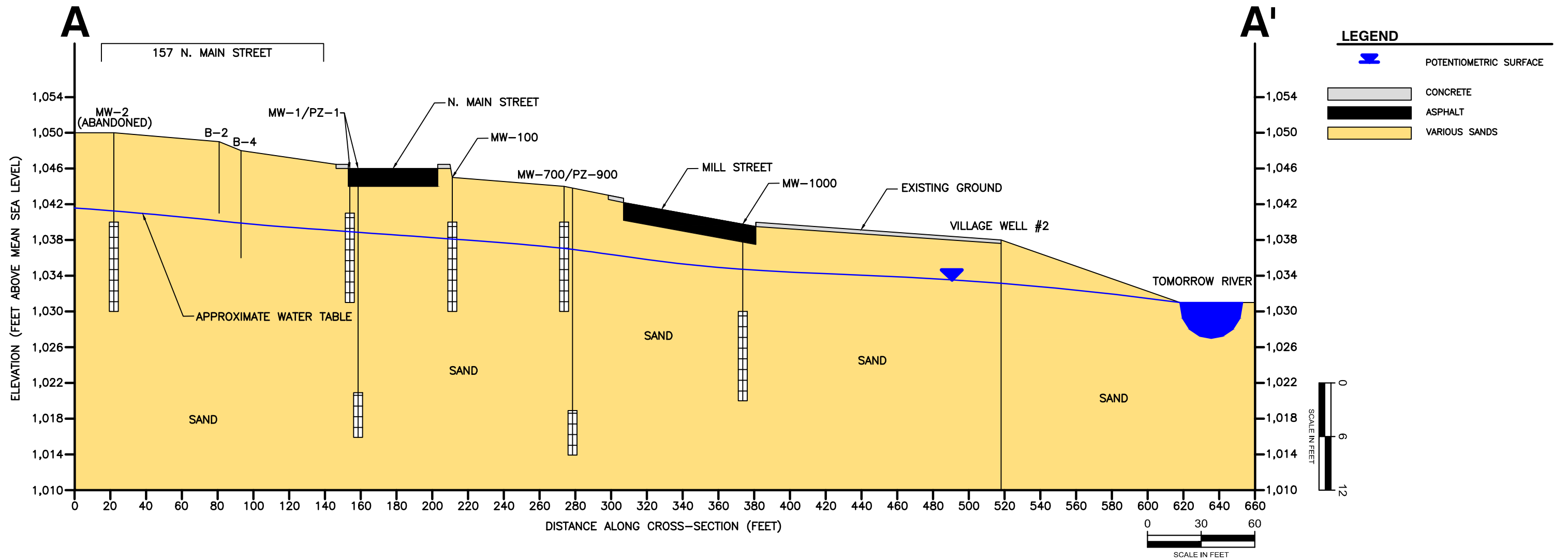
**FORMER NEWMAN APPRAISAL SERVICE
157 NORTH MAIN STREET
AMHERST, WISCONSIN**

DATE:	MARCH 2022
SCALE:	1"=45'
DRAWN BY:	ASR
APPROVED:	PA
FIGURE 2	



WEST

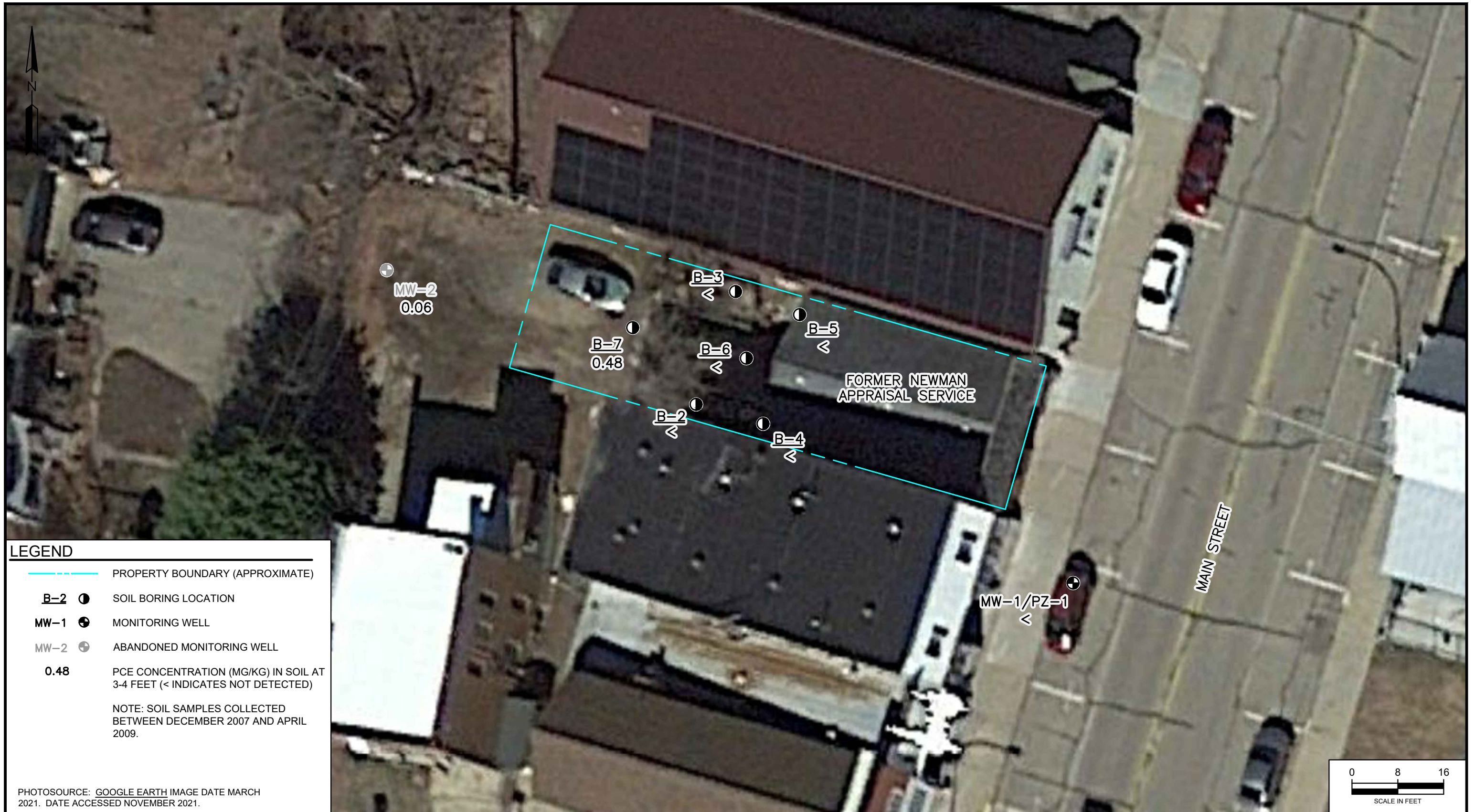
EAST



GEOLOGIC CROSS-SECTION A-A'

FORMER NEWMAN APPRAISAL SERVICE
157 NORTH MAIN STREET
AMHERST, WISCONSIN

DATE:	FEBRUARY 2022
SCALE:	AS NOTED
DRAWN BY:	ASR
APPROVED:	PA
FIGURE 3	



LEGEND

- PROPERTY BOUNDARY (APPROXIMATE)
- B-2** ● SOIL BORING LOCATION
- MW-1** ⊕ MONITORING WELL
- MW-2** ⊕ ABANDONED MONITORING WELL
- 0.48** PCE CONCENTRATION (MG/KG) IN SOIL AT 3-4 FEET (< INDICATES NOT DETECTED)

NOTE: SOIL SAMPLES COLLECTED BETWEEN DECEMBER 2007 AND APRIL 2009.

PHOTOSOURCE: GOOGLE EARTH IMAGE DATE MARCH 2021. DATE ACCESSED NOVEMBER 2021.



SOIL SAMPLE LOCATIONS AND RESULTS OCTOBER 2021

**FORMER NEWMAN APPRAISAL SERVICE
157 NORTH MAIN STREET
AMHERST, WISCONSIN**

0 8 16 SCALE IN FEET
DATE: MARCH 2022
SCALE: 1"=16'
DRAWN BY: ASR
APPROVED: PA
FIGURE 4



LEGEND

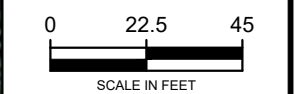
	PROPERTY BOUNDARY (APPROXIMATE)
MW-1	MONITORING WELL
	ESTIMATED GROUNDWATER FLOW
	VILLAGE WELL
1.0	PCE CONCENTRATION (UG/L) OCTOBER 2021
ND	NO DETECT
	ESTIMATED EXTENT OF PAL EXCEEDANCE FOR PCE

PHOTOSOURCE: GOOGLE EARTH IMAGE DATE MARCH 2021. DATE ACCESSED NOVEMBER 2021.



**GROUNDWATER SAMPLE
LOCATIONS AND RESULTS
OCTOBER 2021**

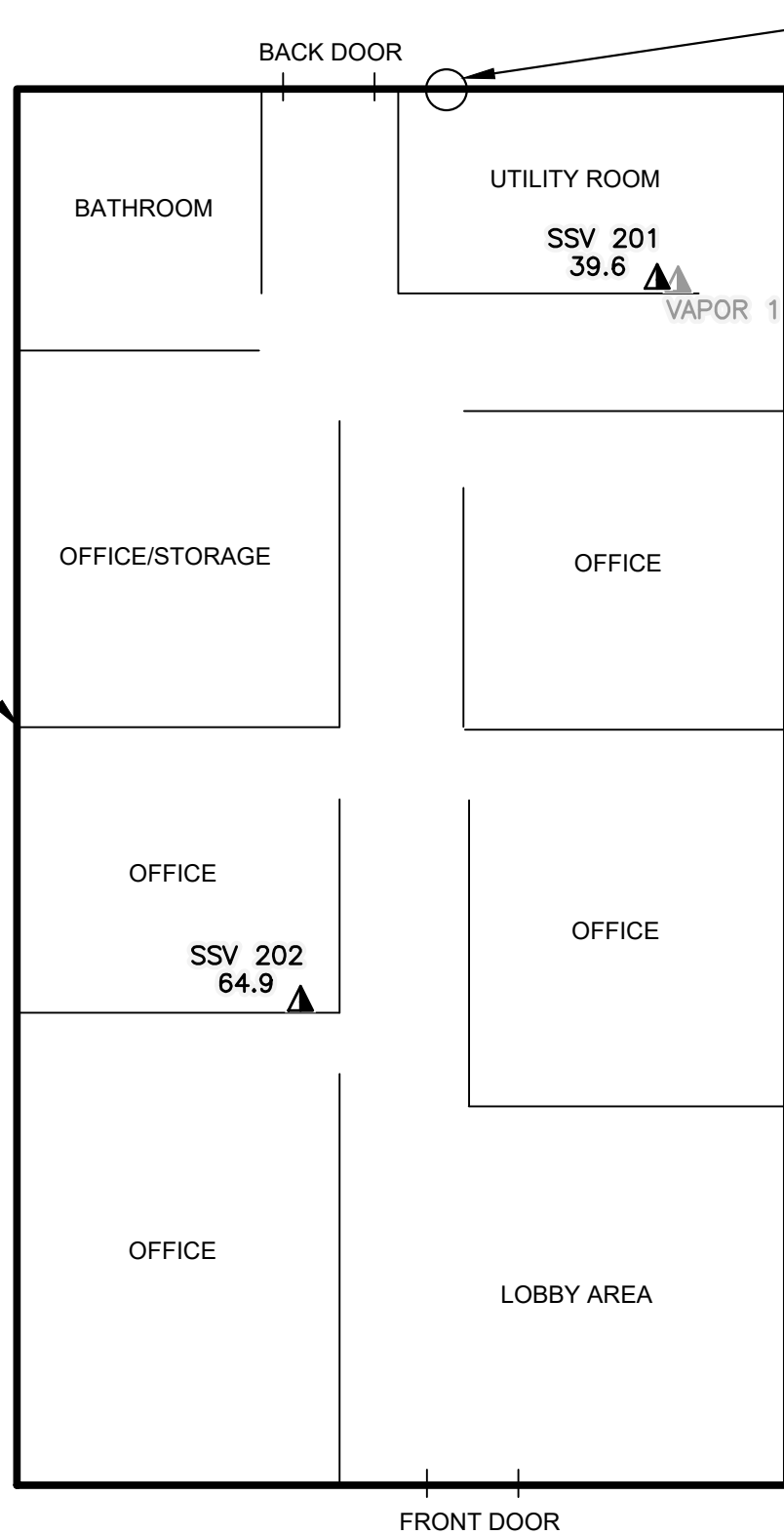
**FORMER NEWMAN APPRAISAL SERVICE
157 NORTH MAIN STREET
AMHERST, WISCONSIN**



DATE:	MARCH 2022
SCALE:	1"=45'
DRAWN BY:	ASR
APPROVED:	PA
FIGURE 5	



FORMER NEWMAN APPRAISAL SERVICES BUILDING



LEGEND

- SSV 201 ▲ VAPOR SAMPLE LOCATION
- VAPOR 1 ▲ HISTORICAL VAPOR SAMPLE LOCATION
- 39.6 PCE CONCENTRATION ($\mu\text{g}/\text{m}^3$)
SEPTEMBER 2021



VAPOR SAMPLE LOCATIONS AND RESULTS
SEPTEMBER 2021

FORMER NEWMAN APPRAISAL SERVICE
157 NORTH MAIN STREET
AMHERST, WISCONSIN

DATE:	APRIL 2022
SCALE:	1"=6'
DRAWN BY:	ASR
APPROVED:	PA
FIGURE 6	

Tables

Table 1
Soil Analysis Results
Klismith Property (former Newman Appraisal Service)
157 N. Main Street
Amherst, Wisconsin

<i>Sample Number</i>	B-2		B-3		B-4		B-5		B-6		B-7		PZ-1		MW-2	
<i>Depth below ground surface (ft)</i>	3-4	7-8	3-4	7-8	3-4	11-12	3-4	10-11	3-4	10-11	3-4	11-12	3-4	8.5-9.5	3-4	15-16
<i>Date Sampled</i>	12/27/2007		12/27/2007		4/20/2009		4/20/2009		4/20/2009		4/20/2009		4/20/2009		4/20/2009	

<i>Analyte</i>	Non-Industrial	Industrial Direct	Groundwater																
	Direct Contact RCL	Contact RCL	Pathway RCL	(mg/kg)															
Acetone	63,400	100,000	<i>3.68</i>	0.34	0.84	0.86	0.32	--	--	--	--	--	--	--	--	--	--	--	--
Methylene Chloride	62	1,150	<i>2.6</i>	<i>0.061</i>	<i>0.08</i>	<i>0.093</i>	<i>0.092</i>	<	<	<	<	<	<	<	<	<	<	<	<
Tetrachloroethene (PCE)	33	145	<i>0.0045</i>	<	<	<	<	<	<	<	<	<	<	<i>0.48</i>	<	<	<	<	<i>0.061</i>
Toluene	818	818	<i>1.11</i>	<	<	<	<	<	<	<	<	<	<	0.044	<	<	<	<	<

Notes

- < Less than the method detection limit
- Not Analyzed
- 7.6** Bold result exceeds a Direct Contact RCL
- 1.8* Italic result exceeds a Groundwater Pathway RCL
- RCL NR 270 Residual Contaminant Level

Only analytes detected in the laboratory are listed
All soil samples were collected from unsaturated soil

Table 2
Groundwater Chemistry and Water Table Elevation Data
Klismith Property (former Newman Appraisal Service)
157 N. Main Street
Amherst, Wisconsin

Sample Location	Date	Depth to Water (feet)*	Water Elevation (feet)*	Tetrachloroethene µg/l	Trichloroethene µg/l	Chloromethane µg/l	Chloroethane µg/l	Other VOCs detected					
NR 140 Enforcement Standard				5	5	6	400						
NR 140 Preventive Action Limit				<i>0.5</i>	<i>0.5</i>	<i>0.6</i>	<i>80</i>						
B-1	Top of PVC	--	--	13	<	<i>0.92</i>	<	None					
	Top of Screen	--	--										
	Bottom of Well	-12	--										
B-2	Top of PVC	--	--	<i>0.6</i>	2.9	2.8	3.5	TMB, Xylenes, Naphthalene, 2 Buanone, Acetone					
	Top of Screen	--	--										
	Bottom of Well	-12	--										
MW-1	Top of PVC	100.01	8.67	69	<	<	<	None					
	Top of Screen	95.56	93.45										
	Bottom of Well	85.56	92.96										
PZ-1	Top of PVC	100.00	8.68	<i>1.8</i>	<	<	<	Chlorobenzene					
	Top of Screen	75.25	93.30										
	Bottom of Well	70.25	92.95										
MW-2	Top of PVC	103.99	12.22	<	<	<	<	Trichlorofluoromethane					
	Top of Screen	94.24	Abandoned										
	Bottom of Well	84.24	--										
MW-100	Top of PVC	100.18	--	7.4	--	--	--	None					
	Top of Screen	--	--										
	Bottom of Well	--	91.13										
MW-700	Top of PVC	--	--	<6.5	--	--	--	Several petroleum-related hydrocarbons					
	Top of Screen	--	--										
	Bottom of Well	8.25	--						<0.33	<0.26	<2.2	<1.3	Several petroleum-related hydrocarbons
		8.98	--						<0.41	<0.32	<1.6	<1.4	Several petroleum-related hydrocarbons
PZ-900	Top of PVC	--	--	<3.5	--	--	--	None					
	Top of Screen	--	--										
	Bottom of Well	7.70	--						<0.33	<0.26	<2.2	<1.3	None
		8.25	--						<0.41	<0.32	<1.6	<1.4	None
MW-1000	Top of PVC	94.74	--	8.9	--	--	--	Trimethylbenzene					
	Top of Screen	--	--										
	Bottom of Well	--	90.64										
VW#1	Top of PVC	--	--	<0.40	<0.30	--	--	None					
	Top of Screen	--	--										
	Bottom of Well	--	--										
VW#2	Top of PVC	--	--	<0.35	<0.30	--	--	None					
	Top of Screen	--	--										
	Bottom of Well	5/10/2019	--						<0.33	<0.26	<2.2	<1.3	None
		10/1/2021	--						<0.41	<0.32	<1.6	<1.4	None

Notes

- 7.6** Bold result exceeds NR 140 Enforcement Standard (ES)
- 1.8* Italic result exceeds NR 140 Preventive Action Limit (PAL)
- Not analyzed, not reported, not available.
- <0.33 No detect (below indicated method detection limit, if known)
- J Concentration is estimated; below quantitation limit
- VW Village Well

* All elevations are referenced to a benchmark established on PZ-1 by Sand County Environmental (100.00 ft)

O:\1-Projects\Klismith 157 Main St Amherst\Data\MASTER SCE Klismith data.xlsx\Water Data

Table 3
Vapor Sample Results
Klismith Property (former Newman Appraisal Service)
157 N. Main Street
Amherst, Wisconsin

Sample ID	Date	Tetrachloroethene µg/m ³	Trichloroethene µg/m ³	Chloromethane µg/m ³	Dichlorodifluoromethane µg/m ³	Trichlorofluoromethane µg/m ³	Methylene Chloride µg/m ³
Vapor 1	4/22/2009	13,100	<	<	<	<	<
System Exhaust	5/21/2019	2.2	1.2	0.53 ^J	2.0	1.3 ^J	85.7
SSV 201	9/28/2021	39.6	<0.28	<0.12	2.8	1.5 ^J	<0.85
	12/23/2021	41.6	<0.28	0.42 ^J	2.5	<0.33	<0.84
SSV 202	9/28/2021	64.9	<0.28	0.22 ^J	2.5	1.4 ^J	<0.85
	12/23/2021	58.2	<0.28	<0.12	2.5	<0.33	<0.84
Indoor Air Vapor Action Levels¹							
	Non-Residential	180	8.8	390	440	--	2,600
	Residential	<i>42</i>	<i>2.1</i>	<i>94</i>	<i>100</i>	--	<i>630</i>
Sub-Slab Vapor Screening Levels²							
	Non-Residential	6,000	290	13,000	15,000	--	87,000
	Residential	<i>1,400</i>	<i>70</i>	<i>3,100</i>	<i>3,330</i>	--	<i>21,000</i>

Notes

- < Less than the method detection limit, with a dilution factor of 56.65
- No screening level
- 7.6** Bold result exceeds a Non-Residential Action Level or Screening Level
- 1.8* Italic result exceeds a Residential Action Level or Screening Level
- J Concentration is estimated; below quantitation limit

¹ Vapor Action Levels obtained from the Indoor Air Vapor Action Levels for Various VOCs Quick Look-up Table Based on November 2017 Regional Screening Level Summary Table [http://dnr.wi.gov/topic/Brownfields/documents/vapor/vapor-quick.pdf]

² Screening level for Residential/Small Commercial Buildings (dilution factor of 33.3)

**Appendix A
Cox-Colvin Vapor Pin™ Information**

Scope:

This standard operating procedure describes the installation and extraction of the Vapor Pin™ for use in sub-slab soil-gas sampling.

Purpose:

The purpose of this procedure is to assure good quality control in field operations and uniformity between field personnel in the use of the Vapor Pin™ for the collection of sub-slab soil-gas samples.

Equipment Needed:

- Assembled Vapor Pin™ [Vapor Pin™ and silicone sleeve (Figure 1)];
- Hammer drill;
- 5/8-inch diameter hammer bit (Hilti™ TE-YX 5/8" x 22" #00206514 or equivalent);
- 1½-inch diameter hammer bit (Hilti™ TE-YX 1½" x 23" #00293032 or equivalent) for flush mount applications;
- ¾-inch diameter bottle brush;
- Wet/dry vacuum with HEPA filter (optional);
- Vapor Pin™ installation/extraction tool;
- Dead blow hammer;
- Vapor Pin™ flush mount cover, if desired;
- Vapor Pin™ protective cap; and
- VOC-free hole patching material (hydraulic cement) and putty knife or trowel.



Figure 1. Assembled Vapor Pin™.

Installation Procedure:

- 1) Check for buried obstacles (pipes, electrical lines, etc.) prior to proceeding.
- 2) Set up wet/dry vacuum to collect drill cuttings.
- 3) If a flush mount installation is required, drill a 1½-inch diameter hole at least 1¾-inches into the slab.
- 4) Drill a 5/8-inch diameter hole through the slab and approximately 1-inch into the underlying soil to form a void.
- 5) Remove the drill bit, brush the hole with the bottle brush, and remove the loose cuttings with the vacuum.
- 6) Place the lower end of Vapor Pin™ assembly into the drilled hole. Place the small hole located in the handle of the extraction/installation tool over the Vapor Pin™ to protect the barb fitting and cap, and tap the Vapor Pin™ into place using a dead blow hammer (Figure 2). Make sure

the extraction/installation tool is aligned parallel to the Vapor Pin™ to avoid damaging the barb fitting.



Figure 2. Installing the Vapor Pin™.

For flush mount installations, unscrew the threaded coupling from the installation/extraction handle and use the hole in the end of the tool to assist with the installation (Figure 3).



Figure 3. Flush-mount installation.

During installation, the silicone sleeve will form a slight bulge between the slab and the Vapor Pin™ shoulder. Place the protective cap on Vapor Pin™ to prevent vapor loss prior to sampling (Figure 4).



Figure 4. Installed Vapor Pin™.

- 7) For flush mount installations, cover the Vapor Pin™ with a flush mount cover, using either the plastic cover or the optional stainless-steel Secure Cover.
- 8) Allow 20 minutes or more (consult applicable guidance for your situation) for the sub-slab soil-gas conditions to equilibrate prior to sampling.
- 9) Remove protective cap and connect sample tubing to the barb fitting of the Vapor Pin™ (Figure 5).



Figure 5. Vapor Pin™ sample connection.

10) Conduct leak tests in accordance with applicable guidance. If the method of leak testing is not specified, an attractive alternative can be the use of a water dam and vacuum pump, as described in SOP Leak Testing the Vapor Pin™ via Mechanical Means (Figure 6).



Figure 6. Water dam used for leak detection.

11) Collect sub-slab soil gas sample. When finished sampling, replace the protective cap and flush mount cover until the next sampling event. If the sampling is complete, extract the Vapor Pin™.

Extraction Procedure:

- 1) Remove the protective cap, and thread the installation/extraction tool onto the barrel of the Vapor Pin™ (Figure 7). Continue turning the tool to assist in extraction, then pull the Vapor Pin™ from the hole.
- 2) Fill the void with hydraulic cement and smooth with the trowel or putty knife. Urethane caulk is widely recommended for installing radon systems and can provide a



Figure 7. Removing the Vapor Pin™.

tight seal, but it could also be a source of VOCs during subsequent sampling.

- 3) Prior to reuse, remove the silicone sleeve and discard. Decontaminate the Vapor Pin™ in a hot water and Alconox® wash, then heat in an oven to a temperature of 130° C.

The Vapor Pin™ is designed to be used repeatedly; however, replacement parts and supplies will be required periodically. These parts are available on-line at www.CoxColvin.com.

Replacement Parts:

- Vapor Pin™ Kit Case - VPC001
- Vapor Pins™ - VPIN0522
- Silicone Sleeves - VPTS077
- Installation/Extraction Tool - VPIC023
- Protective Caps - VPPC010
- Flush Mount Covers - VPFM050
- Water Dam - VPWD004
- Brush - VPB026
- Secure Cover - VPSCSS001
- Spanner Wrench - VPSPAN001

**Appendix B
Laboratory Reports**

May 17, 2019

Pete Arntsen
SAND CREEK CONSULTANTS, INC.
151 Mill Street
Amherst, WI 54406

RE: Project: KLISMITH-FORMER NEWMAN
Pace Project No.: 40187638

Dear Pete Arntsen:

Enclosed are the analytical results for sample(s) received by the laboratory on May 15, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40187638001	VW #2	Water	05/10/19 10:30	05/15/19 09:20
40187638002	PZ-900	Water	05/10/19 09:35	05/15/19 09:20
40187638003	PZ-1	Water	05/13/19 11:55	05/15/19 09:20
40187638004	MW-700	Water	05/10/19 09:55	05/15/19 09:20
40187638005	MW-1	Water	05/13/19 11:20	05/15/19 09:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40187638001	VW #2	EPA 8260	HNW	63
40187638002	PZ-900	EPA 8260	HNW	63
40187638003	PZ-1	EPA 8260	HNW	63
40187638004	MW-700	EPA 8260	HNW	63
40187638005	MW-1	EPA 8260	HNW	63

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40187638004	MW-700					
EPA 8260	1,2,4-Trimethylbenzene	65.1	ug/L	2.8	05/16/19 15:35	
EPA 8260	1,3,5-Trimethylbenzene	8.9	ug/L	2.9	05/16/19 15:35	
EPA 8260	Ethylbenzene	43.1	ug/L	1.0	05/16/19 15:35	
EPA 8260	Isopropylbenzene (Cumene)	2.6J	ug/L	5.0	05/16/19 15:35	
EPA 8260	Naphthalene	4.7J	ug/L	5.0	05/16/19 15:35	
EPA 8260	Toluene	11.1	ug/L	5.0	05/16/19 15:35	
EPA 8260	Xylene (Total)	155	ug/L	3.0	05/16/19 15:35	
EPA 8260	n-Propylbenzene	7.2	ug/L	5.0	05/16/19 15:35	
40187638005	MW-1					
EPA 8260	Tetrachloroethene	2.5	ug/L	1.1	05/16/19 15:58	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Sample: **VW #2** Lab ID: **40187638001** Collected: 05/10/19 10:30 Received: 05/15/19 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/16/19 11:05	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/16/19 11:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/16/19 11:05	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/16/19 11:05	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/16/19 11:05	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/16/19 11:05	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/16/19 11:05	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/16/19 11:05	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/16/19 11:05	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/16/19 11:05	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/16/19 11:05	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/16/19 11:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/16/19 11:05	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 11:05	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/16/19 11:05	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/16/19 11:05	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/16/19 11:05	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/16/19 11:05	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/16/19 11:05	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/16/19 11:05	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/16/19 11:05	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/16/19 11:05	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/16/19 11:05	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/16/19 11:05	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/16/19 11:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/16/19 11:05	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/16/19 11:05	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/16/19 11:05	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/16/19 11:05	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/16/19 11:05	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 11:05	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/16/19 11:05	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/16/19 11:05	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/16/19 11:05	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/16/19 11:05	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/16/19 11:05	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/16/19 11:05	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/16/19 11:05	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/16/19 11:05	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/16/19 11:05	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/16/19 11:05	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/16/19 11:05	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/16/19 11:05	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/16/19 11:05	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/16/19 11:05	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/16/19 11:05	127-18-4	

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ANALYTICAL RESULTS

Project: KLISMITH-FORMER NEWMAN
Pace Project No.: 40187638

Sample: VW #2 **Lab ID: 40187638001** Collected: 05/10/19 10:30 Received: 05/15/19 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		05/16/19 11:05	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/16/19 11:05	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/16/19 11:05	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/16/19 11:05	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/16/19 11:05	1330-20-7	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/16/19 11:05	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/16/19 11:05	10061-01-5	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 11:05	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/16/19 11:05	103-65-1	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/16/19 11:05	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/16/19 11:05	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/16/19 11:05	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/16/19 11:05	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/16/19 11:05	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		05/16/19 11:05	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		05/16/19 11:05	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		05/16/19 11:05	2037-26-5	

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ANALYTICAL RESULTS

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Sample: PZ-900 **Lab ID: 40187638002** Collected: 05/10/19 09:35 Received: 05/15/19 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/16/19 14:50	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/16/19 14:50	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/16/19 14:50	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/16/19 14:50	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/16/19 14:50	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/16/19 14:50	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/16/19 14:50	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/16/19 14:50	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/16/19 14:50	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/16/19 14:50	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/16/19 14:50	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/16/19 14:50	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/16/19 14:50	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 14:50	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/16/19 14:50	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/16/19 14:50	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/16/19 14:50	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/16/19 14:50	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/16/19 14:50	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/16/19 14:50	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/16/19 14:50	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/16/19 14:50	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/16/19 14:50	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/16/19 14:50	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/16/19 14:50	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/16/19 14:50	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/16/19 14:50	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/16/19 14:50	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/16/19 14:50	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/16/19 14:50	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 14:50	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/16/19 14:50	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/16/19 14:50	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/16/19 14:50	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/16/19 14:50	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/16/19 14:50	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/16/19 14:50	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/16/19 14:50	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/16/19 14:50	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/16/19 14:50	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/16/19 14:50	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/16/19 14:50	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/16/19 14:50	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/16/19 14:50	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/16/19 14:50	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/16/19 14:50	127-18-4	

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ANALYTICAL RESULTS

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Sample: PZ-900 **Lab ID: 40187638002** Collected: 05/10/19 09:35 Received: 05/15/19 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Toluene	<0.17	ug/L	5.0	0.17	1		05/16/19 14:50	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/16/19 14:50	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/16/19 14:50	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/16/19 14:50	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/16/19 14:50	1330-20-7	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/16/19 14:50	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/16/19 14:50	10061-01-5	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 14:50	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/16/19 14:50	103-65-1	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/16/19 14:50	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/16/19 14:50	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/16/19 14:50	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/16/19 14:50	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/16/19 14:50	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		05/16/19 14:50	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		05/16/19 14:50	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		05/16/19 14:50	2037-26-5	

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ANALYTICAL RESULTS

Project: KLISMITH-FORMER NEWMAN
Pace Project No.: 40187638

Sample: PZ-1 **Lab ID: 40187638003** Collected: 05/13/19 11:55 Received: 05/15/19 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/16/19 15:13	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/16/19 15:13	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/16/19 15:13	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/16/19 15:13	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/16/19 15:13	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/16/19 15:13	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/16/19 15:13	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/16/19 15:13	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/16/19 15:13	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/16/19 15:13	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/16/19 15:13	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/16/19 15:13	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/16/19 15:13	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 15:13	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/16/19 15:13	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/16/19 15:13	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/16/19 15:13	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/16/19 15:13	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/16/19 15:13	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/16/19 15:13	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/16/19 15:13	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/16/19 15:13	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/16/19 15:13	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/16/19 15:13	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/16/19 15:13	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/16/19 15:13	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/16/19 15:13	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/16/19 15:13	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/16/19 15:13	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/16/19 15:13	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 15:13	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/16/19 15:13	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/16/19 15:13	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/16/19 15:13	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/16/19 15:13	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/16/19 15:13	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/16/19 15:13	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/16/19 15:13	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/16/19 15:13	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/16/19 15:13	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/16/19 15:13	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/16/19 15:13	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/16/19 15:13	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/16/19 15:13	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/16/19 15:13	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/16/19 15:13	127-18-4	

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ANALYTICAL RESULTS

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Sample: PZ-1 **Lab ID: 40187638003** Collected: 05/13/19 11:55 Received: 05/15/19 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	<0.17	ug/L	5.0	0.17	1		05/16/19 15:13	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/16/19 15:13	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/16/19 15:13	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/16/19 15:13	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/16/19 15:13	1330-20-7	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/16/19 15:13	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/16/19 15:13	10061-01-5	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 15:13	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/16/19 15:13	103-65-1	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/16/19 15:13	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/16/19 15:13	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/16/19 15:13	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/16/19 15:13	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/16/19 15:13	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		05/16/19 15:13	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		05/16/19 15:13	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		05/16/19 15:13	2037-26-5	

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ANALYTICAL RESULTS

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Sample: MW-700 **Lab ID: 40187638004** Collected: 05/10/19 09:55 Received: 05/15/19 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/16/19 15:35	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/16/19 15:35	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/16/19 15:35	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/16/19 15:35	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/16/19 15:35	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/16/19 15:35	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/16/19 15:35	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/16/19 15:35	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/16/19 15:35	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/16/19 15:35	120-82-1	
1,2,4-Trimethylbenzene	65.1	ug/L	2.8	0.84	1		05/16/19 15:35	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/16/19 15:35	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/16/19 15:35	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 15:35	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/16/19 15:35	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/16/19 15:35	78-87-5	
1,3,5-Trimethylbenzene	8.9	ug/L	2.9	0.87	1		05/16/19 15:35	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/16/19 15:35	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/16/19 15:35	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/16/19 15:35	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/16/19 15:35	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/16/19 15:35	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/16/19 15:35	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/16/19 15:35	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/16/19 15:35	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/16/19 15:35	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/16/19 15:35	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/16/19 15:35	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/16/19 15:35	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/16/19 15:35	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 15:35	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/16/19 15:35	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/16/19 15:35	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/16/19 15:35	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/16/19 15:35	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/16/19 15:35	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/16/19 15:35	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/16/19 15:35	108-20-3	
Ethylbenzene	43.1	ug/L	1.0	0.22	1		05/16/19 15:35	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/16/19 15:35	87-68-3	
Isopropylbenzene (Cumene)	2.6J	ug/L	5.0	0.39	1		05/16/19 15:35	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/16/19 15:35	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/16/19 15:35	75-09-2	
Naphthalene	4.7J	ug/L	5.0	1.2	1		05/16/19 15:35	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/16/19 15:35	100-42-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		05/16/19 15:35	127-18-4	

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ANALYTICAL RESULTS

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Sample: MW-700 **Lab ID: 40187638004** Collected: 05/10/19 09:55 Received: 05/15/19 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	11.1	ug/L	5.0	0.17	1		05/16/19 15:35	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/16/19 15:35	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/16/19 15:35	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/16/19 15:35	75-01-4	
Xylene (Total)	155	ug/L	3.0	1.5	1		05/16/19 15:35	1330-20-7	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/16/19 15:35	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/16/19 15:35	10061-01-5	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 15:35	104-51-8	
n-Propylbenzene	7.2	ug/L	5.0	0.81	1		05/16/19 15:35	103-65-1	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/16/19 15:35	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/16/19 15:35	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/16/19 15:35	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/16/19 15:35	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/16/19 15:35	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		05/16/19 15:35	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		05/16/19 15:35	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		05/16/19 15:35	2037-26-5	

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ANALYTICAL RESULTS

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Sample: MW-1 Lab ID: 40187638005 Collected: 05/13/19 11:20 Received: 05/15/19 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		05/16/19 15:58	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		05/16/19 15:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		05/16/19 15:58	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		05/16/19 15:58	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		05/16/19 15:58	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		05/16/19 15:58	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		05/16/19 15:58	563-58-6	
1,2,3-Trichlorobenzene	<0.63	ug/L	5.0	0.63	1		05/16/19 15:58	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		05/16/19 15:58	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/16/19 15:58	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		05/16/19 15:58	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		05/16/19 15:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		05/16/19 15:58	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 15:58	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		05/16/19 15:58	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		05/16/19 15:58	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		05/16/19 15:58	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		05/16/19 15:58	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		05/16/19 15:58	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		05/16/19 15:58	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		05/16/19 15:58	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		05/16/19 15:58	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		05/16/19 15:58	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		05/16/19 15:58	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		05/16/19 15:58	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		05/16/19 15:58	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		05/16/19 15:58	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		05/16/19 15:58	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		05/16/19 15:58	74-83-9	
Carbon tetrachloride	<0.17	ug/L	1.0	0.17	1		05/16/19 15:58	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 15:58	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		05/16/19 15:58	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		05/16/19 15:58	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		05/16/19 15:58	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		05/16/19 15:58	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		05/16/19 15:58	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		05/16/19 15:58	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		05/16/19 15:58	108-20-3	
Ethylbenzene	<0.22	ug/L	1.0	0.22	1		05/16/19 15:58	100-41-4	
Hexachloro-1,3-butadiene	<1.2	ug/L	5.0	1.2	1		05/16/19 15:58	87-68-3	
Isopropylbenzene (Cumene)	<0.39	ug/L	5.0	0.39	1		05/16/19 15:58	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		05/16/19 15:58	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		05/16/19 15:58	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		05/16/19 15:58	91-20-3	
Styrene	<0.47	ug/L	1.6	0.47	1		05/16/19 15:58	100-42-5	
Tetrachloroethene	2.5	ug/L	1.1	0.33	1		05/16/19 15:58	127-18-4	

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ANALYTICAL RESULTS

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Sample: MW-1 **Lab ID: 40187638005** Collected: 05/13/19 11:20 Received: 05/15/19 09:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Toluene	<0.17	ug/L	5.0	0.17	1		05/16/19 15:58	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		05/16/19 15:58	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		05/16/19 15:58	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/16/19 15:58	75-01-4	
Xylene (Total)	<1.5	ug/L	3.0	1.5	1		05/16/19 15:58	1330-20-7	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		05/16/19 15:58	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		05/16/19 15:58	10061-01-5	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		05/16/19 15:58	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		05/16/19 15:58	103-65-1	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		05/16/19 15:58	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		05/16/19 15:58	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		05/16/19 15:58	98-06-6	
trans-1,2-Dichloroethene	<1.1	ug/L	3.6	1.1	1		05/16/19 15:58	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		05/16/19 15:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		05/16/19 15:58	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		05/16/19 15:58	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		05/16/19 15:58	2037-26-5	

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QUALITY CONTROL DATA

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

QC Batch: 321477 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 40187638001, 40187638002, 40187638003, 40187638004, 40187638005

METHOD BLANK: 1867014 Matrix: Water
 Associated Lab Samples: 40187638001, 40187638002, 40187638003, 40187638004, 40187638005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	05/16/19 08:06	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	05/16/19 08:06	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	05/16/19 08:06	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	05/16/19 08:06	
1,1-Dichloroethane	ug/L	<0.27	1.0	05/16/19 08:06	
1,1-Dichloroethene	ug/L	<0.24	1.0	05/16/19 08:06	
1,1-Dichloropropene	ug/L	<0.54	1.8	05/16/19 08:06	
1,2,3-Trichlorobenzene	ug/L	<0.63	5.0	05/16/19 08:06	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	05/16/19 08:06	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	05/16/19 08:06	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	05/16/19 08:06	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	05/16/19 08:06	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	05/16/19 08:06	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	05/16/19 08:06	
1,2-Dichloroethane	ug/L	<0.28	1.0	05/16/19 08:06	
1,2-Dichloropropane	ug/L	<0.28	1.0	05/16/19 08:06	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	05/16/19 08:06	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	05/16/19 08:06	
1,3-Dichloropropane	ug/L	<0.83	2.8	05/16/19 08:06	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	05/16/19 08:06	
2,2-Dichloropropane	ug/L	<2.3	7.6	05/16/19 08:06	
2-Chlorotoluene	ug/L	<0.93	5.0	05/16/19 08:06	
4-Chlorotoluene	ug/L	<0.76	2.5	05/16/19 08:06	
Benzene	ug/L	<0.25	1.0	05/16/19 08:06	
Bromobenzene	ug/L	<0.24	1.0	05/16/19 08:06	
Bromochloromethane	ug/L	<0.36	5.0	05/16/19 08:06	
Bromodichloromethane	ug/L	<0.36	1.2	05/16/19 08:06	
Bromoform	ug/L	<4.0	13.2	05/16/19 08:06	
Bromomethane	ug/L	<0.97	5.0	05/16/19 08:06	
Carbon tetrachloride	ug/L	<0.17	1.0	05/16/19 08:06	
Chlorobenzene	ug/L	<0.71	2.4	05/16/19 08:06	
Chloroethane	ug/L	<1.3	5.0	05/16/19 08:06	
Chloroform	ug/L	<1.3	5.0	05/16/19 08:06	
Chloromethane	ug/L	<2.2	7.3	05/16/19 08:06	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	05/16/19 08:06	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	05/16/19 08:06	
Dibromochloromethane	ug/L	<2.6	8.7	05/16/19 08:06	
Dibromomethane	ug/L	<0.94	3.1	05/16/19 08:06	
Dichlorodifluoromethane	ug/L	<0.50	5.0	05/16/19 08:06	
Diisopropyl ether	ug/L	<1.9	6.3	05/16/19 08:06	
Ethylbenzene	ug/L	<0.22	1.0	05/16/19 08:06	

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

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QUALITY CONTROL DATA

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

METHOD BLANK: 1867014

Matrix: Water

Associated Lab Samples: 40187638001, 40187638002, 40187638003, 40187638004, 40187638005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<1.2	5.0	05/16/19 08:06	
Isopropylbenzene (Cumene)	ug/L	<0.39	5.0	05/16/19 08:06	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	05/16/19 08:06	
Methylene Chloride	ug/L	<0.58	5.0	05/16/19 08:06	
n-Butylbenzene	ug/L	<0.71	2.4	05/16/19 08:06	
n-Propylbenzene	ug/L	<0.81	5.0	05/16/19 08:06	
Naphthalene	ug/L	<1.2	5.0	05/16/19 08:06	
p-Isopropyltoluene	ug/L	<0.80	2.7	05/16/19 08:06	
sec-Butylbenzene	ug/L	<0.85	5.0	05/16/19 08:06	
Styrene	ug/L	<0.47	1.6	05/16/19 08:06	
tert-Butylbenzene	ug/L	<0.30	1.0	05/16/19 08:06	
Tetrachloroethene	ug/L	<0.33	1.1	05/16/19 08:06	
Toluene	ug/L	<0.17	5.0	05/16/19 08:06	
trans-1,2-Dichloroethene	ug/L	<1.1	3.6	05/16/19 08:06	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	05/16/19 08:06	
Trichloroethene	ug/L	<0.26	1.0	05/16/19 08:06	
Trichlorofluoromethane	ug/L	<0.21	1.0	05/16/19 08:06	
Vinyl chloride	ug/L	<0.17	1.0	05/16/19 08:06	
Xylene (Total)	ug/L	<1.5	3.0	05/16/19 08:06	
4-Bromofluorobenzene (S)	%	100	70-130	05/16/19 08:06	
Dibromofluoromethane (S)	%	99	70-130	05/16/19 08:06	
Toluene-d8 (S)	%	96	70-130	05/16/19 08:06	

LABORATORY CONTROL SAMPLE: 1867015

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.6	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.1	96	70-130	
1,1,2-Trichloroethane	ug/L	50	52.0	104	70-130	
1,1-Dichloroethane	ug/L	50	52.7	105	73-150	
1,1-Dichloroethene	ug/L	50	54.7	109	73-138	
1,2,4-Trichlorobenzene	ug/L	50	47.5	95	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.5	85	64-129	
1,2-Dibromoethane (EDB)	ug/L	50	51.4	103	70-130	
1,2-Dichlorobenzene	ug/L	50	48.1	96	70-130	
1,2-Dichloroethane	ug/L	50	51.1	102	75-140	
1,2-Dichloropropane	ug/L	50	51.0	102	73-135	
1,3-Dichlorobenzene	ug/L	50	47.4	95	70-130	
1,4-Dichlorobenzene	ug/L	50	47.6	95	70-130	
Benzene	ug/L	50	53.3	107	70-130	
Bromodichloromethane	ug/L	50	55.3	111	70-130	
Bromoform	ug/L	50	47.1	94	68-129	
Bromomethane	ug/L	50	39.7	79	18-159	
Carbon tetrachloride	ug/L	50	50.8	102	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

LABORATORY CONTROL SAMPLE: 1867015

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	50	49.9	100	70-130	
Chloroethane	ug/L	50	47.0	94	53-147	
Chloroform	ug/L	50	52.0	104	74-136	
Chloromethane	ug/L	50	36.7	73	29-115	
cis-1,2-Dichloroethene	ug/L	50	52.1	104	70-130	
cis-1,3-Dichloropropene	ug/L	50	44.0	88	70-130	
Dibromochloromethane	ug/L	50	46.6	93	70-130	
Dichlorodifluoromethane	ug/L	50	39.6	79	10-130	
Ethylbenzene	ug/L	50	52.9	106	80-124	
Isopropylbenzene (Cumene)	ug/L	50	53.3	107	70-130	
Methyl-tert-butyl ether	ug/L	50	51.5	103	54-137	
Methylene Chloride	ug/L	50	52.8	106	73-138	
Styrene	ug/L	50	53.1	106	70-130	
Tetrachloroethene	ug/L	50	52.5	105	70-130	
Toluene	ug/L	50	51.6	103	80-126	
trans-1,2-Dichloroethene	ug/L	50	52.5	105	73-145	
trans-1,3-Dichloropropene	ug/L	50	42.1	84	70-130	
Trichloroethene	ug/L	50	54.7	109	70-130	
Trichlorofluoromethane	ug/L	50	54.4	109	76-147	
Vinyl chloride	ug/L	50	47.1	94	51-120	
Xylene (Total)	ug/L	150	160	107	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1867051 1867052

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40187619003	Spike Conc.	Spike Conc.	Conc.							
1,1,1-Trichloroethane	ug/L	<0.24	50	50	50.2	52.1	100	104	70-130	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	47.7	49.9	95	100	70-130	5	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	51.3	53.9	103	108	70-137	5	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	51.9	54.6	104	109	73-153	5	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	54.5	56.5	109	113	73-138	4	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	49.4	51.3	98	102	70-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	42.9	44.6	86	89	58-129	4	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	50.8	53.7	102	107	70-130	6	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	47.7	49.4	95	99	70-130	4	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	50.6	51.5	101	103	75-140	2	20	
1,2-Dichloropropane	ug/L	<0.28	50	50	50.8	52.6	102	105	71-138	3	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	47.9	49.1	96	98	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	48.7	49.7	96	98	70-130	2	20	
Benzene	ug/L	<0.25	50	50	53.1	55.0	106	110	70-130	3	20	
Bromodichloromethane	ug/L	<0.36	50	50	55.0	56.5	110	113	70-130	3	20	

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QUALITY CONTROL DATA

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Parameter	Units	1867051		1867052		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40187619003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Bromoform	ug/L	<4.0	50	50	46.7	48.7	93	97	68-129	4	20		
Bromomethane	ug/L	<0.97	50	50	43.3	45.5	87	91	15-170	5	20		
Carbon tetrachloride	ug/L	<0.17	50	50	50.8	52.1	102	104	70-130	3	20		
Chlorobenzene	ug/L	<0.71	50	50	49.8	51.2	99	102	70-130	3	20		
Chloroethane	ug/L	<1.3	50	50	45.6	48.0	91	96	51-148	5	20		
Chloroform	ug/L	<1.3	50	50	51.3	52.9	103	106	74-136	3	20		
Chloromethane	ug/L	<2.2	50	50	36.2	38.8	72	78	23-115	7	20		
cis-1,2-Dichloroethene	ug/L	0.32J	50	50	51.9	53.7	103	107	70-131	3	20		
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	46.9	48.3	94	97	70-130	3	20		
Dibromochloromethane	ug/L	<2.6	50	50	46.5	48.2	93	96	70-130	4	20		
Dichlorodifluoromethane	ug/L	<0.50	50	50	39.0	40.0	78	80	10-132	2	20		
Ethylbenzene	ug/L	<0.22	50	50	53.1	54.8	106	110	80-125	3	20		
Isopropylbenzene (Cumene)	ug/L	<0.39	50	50	54.0	55.3	108	111	70-130	2	20		
Methyl-tert-butyl ether	ug/L	<1.2	50	50	51.7	54.3	103	109	51-145	5	20		
Methylene Chloride	ug/L	<0.58	50	50	52.8	54.3	106	109	73-140	3	20		
Styrene	ug/L	<0.47	50	50	53.4	55.1	107	110	70-130	3	20		
Tetrachloroethene	ug/L	<0.33	50	50	53.6	55.2	107	110	70-130	3	20		
Toluene	ug/L	<0.17	50	50	52.1	53.4	104	107	80-131	3	20		
trans-1,2-Dichloroethene	ug/L	<1.1	50	50	53.0	54.4	106	109	73-148	3	20		
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	45.0	47.0	90	94	70-130	4	20		
Trichloroethene	ug/L	<0.26	50	50	54.6	55.5	109	111	70-130	2	20		
Trichlorofluoromethane	ug/L	<0.21	50	50	54.0	55.6	108	111	74-147	3	20		
Vinyl chloride	ug/L	<0.17	50	50	46.5	48.4	93	97	41-129	4	20		
Xylene (Total)	ug/L	<1.5	150	150	162	167	108	112	70-130	3	20		
4-Bromofluorobenzene (S)	%						105	104	70-130				
Dibromofluoromethane (S)	%						100	101	70-130				
Toluene-d8 (S)	%						95	95	70-130				

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QUALIFIERS

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLISMITH-FORMER NEWMAN

Pace Project No.: 40187638

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40187638001	VW #2	EPA 8260	321477		
40187638002	PZ-900	EPA 8260	321477		
40187638003	PZ-1	EPA 8260	321477		
40187638004	MW-700	EPA 8260	321477		
40187638005	MW-1	EPA 8260	321477		

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(Please Print Clearly)



UPPER MIDWEST REGION

Page 1 of 1

MN: 612-607-1700 WI: 920-469-2436

40187638

Page 22 of 24

Company Name: Sand Creek
 Branch/Location: Amherst
 Project Contact: Pete Arntsen
 Phone: 715-824-5969
 Project Number: [blank]
 Project Name: Klismith - former Newman
 Project State: WI
 Sampled By (Print): Pete Arntsen
 Sampled By (Sign): [Signature]
 PO #: [blank]

CHAIN OF CUSTODY

***Preservation Codes**
 A=None B=HCL C=H2SO4 D=HNO3 E=D1 Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)

PRESERVATION (CODE)*

Analysis Requested	Y/N	Pick Letter
	VOC	
[blank]	[blank]	[blank]
[blank]	[blank]	[blank]
[blank]	[blank]	[blank]
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[blank]	[blank]	[blank]
[blank]	[blank]	[blank]

Quote #: [blank]
Mail To Contact: Pete Arntsen
Mail To Company: Sand Creek
Mail To Address: PO Box 218 Amherst, WI
Invoice To Contact: [blank]
Invoice To Company: SAME
Invoice To Address: [blank]

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

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
[blank]	[blank]	[blank]
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PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Analysis Requested
		DATE	TIME		
001	VW# 2	5/10	10:30	GW	X
002	PZ-900	5/10	9:35		X
003	PZ-1	5/13	11:55		X
004	PZ MW-700	5/10	9:55		X
005	MW-1	5/13	11:20		X

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

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

Email #1: [blank]
 Email #2: [blank]
 Telephone: [blank]
 Fax: [blank]

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

Relinquished By: [Signature] Date/Time: 5/14/2019
 Relinquished By: [Signature] Date/Time: 5/15/2019
 Relinquished By: [blank] Date/Time: [blank]
 Relinquished By: [blank] Date/Time: [blank]
 Relinquished By: [blank] Date/Time: [blank]

Received By: [Signature] Date/Time: 5/14/2019
 Received By: [Signature] Date/Time: 5/15/2019
 Received By: [blank] Date/Time: [blank]
 Received By: [blank] Date/Time: [blank]
 Received By: [blank] Date/Time: [blank]

PACE Project No. 40187638
 Receipt Temp = 20.1 °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present (Not Present) Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

Sample Preservation Receipt Form

Client Name: Sand Creek

Project # 40187638

All containers needing preservation have been checked and noted below: Yes No N/A

Initial when completed:

Date/Time:

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic						Vials				Jars			General			VOA Vials (>6mm) *	H2SO4 pH ≤	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤	pH after adjusted	Volume (mL)					
	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP2N	BP2Z	BP3U	BP3B	BP3N	BP3S	DG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	WGFU	WPFU								SP5T	ZPLC	GN		
001																	3																		2.5 / 5 / 10
002																	3																		2.5 / 5 / 10
003																	3																		2.5 / 5 / 10
004																	3																		2.5 / 5 / 10
005																	3																		2.5 / 5 / 10
006																																			2.5 / 5 / 10
007																																			2.5 / 5 / 10
008																																			2.5 / 5 / 10
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012																																			2.5 / 5 / 10
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016																																			2.5 / 5 / 10
017																																			2.5 / 5 / 10
018																																			2.5 / 5 / 10
019																																			2.5 / 5 / 10
020																																			2.5 / 5 / 10

Exceptions to preservation check VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	DG9A 40 mL amber ascorbic	JGFU 4 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP2N 500 mL plastic HNO3	DG9T 40 mL amber Na Thio	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP2Z 500 mL plastic NaOH, Znact	VG9U 40 mL clear vial unpres	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3U 250 mL plastic unpres	VG9H 40 mL clear vial HCL	
AG5U 100 mL amber glass unpres	BP3B 250 mL plastic NaOH	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG2S 500 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9D 40 mL clear vial DI	ZPLC ziploc bag
BG3U 250 mL clear glass unpres	BP3S 250 mL plastic H2SO4		GN:

Sample Condition Upon Receipt Form (SCUR)

Client Name: Sand Creek
Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other: _____

Project #: _____
WO#: 40187638

 40187638

Tracking #: 2055341-1
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: SR - N/A **Type of Ice:** Wet Blue Dry None Samples on ice, cooling process has begun
Cooler Temperature: Uncorr: 80°F /Corr: _____

Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no
 Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C.

Person examining contents:
 Date: 5/15/2019
 Initials: SV

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>NO Page #</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>5/15/2019</u>
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4. <u>2019</u>
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:	8.	
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

May 31, 2019

Pete Arntsen
Sand Creek Consultants
PO Box 218
Amherst, WI 54406

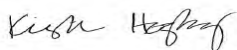
RE: Project: Klismith
Pace Project No.: 10476270

Dear Pete Arntsen:

Enclosed are the analytical results for sample(s) received by the laboratory on May 23, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



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

Enclosures

cc: Nichole Besyk, Sand Creek Consultants



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Klismith
Pace Project No.: 10476270

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

CNMI Saipan Certification #: MP0003

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

Guam EPA Certification #: MN00064

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: 03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Massachusetts Certification #: M-MN064

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #:74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Vermont Certification #: VT-027053137

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Klismith
Pace Project No.: 10476270

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10476270001	System Exhaust	Air	05/21/19 11:08	05/23/19 12:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Klismith
Pace Project No.: 10476270

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10476270001	System Exhaust	TO-15	CH1	32	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Klismith
Pace Project No.: 10476270

Sample: System Exhaust **Lab ID: 10476270001** Collected: 05/21/19 11:08 Received: 05/23/19 12:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Benzyl chloride	<1.7	ug/m3	3.7	1.7	1.41		05/26/19 16:20	100-44-7	
Bromodichloromethane	<0.52	ug/m3	1.9	0.52	1.41		05/26/19 16:20	75-27-4	
Carbon tetrachloride	<0.60	ug/m3	1.8	0.60	1.41		05/26/19 16:20	56-23-5	
Chlorobenzene	<0.39	ug/m3	1.3	0.39	1.41		05/26/19 16:20	108-90-7	
Chlorodifluoromethane	<0.93	ug/m3	2.5	0.93	1.41		05/26/19 16:20	75-45-6	N2
Chloroethane	<0.37	ug/m3	0.76	0.37	1.41		05/26/19 16:20	75-00-3	
Chloroform	<0.28	ug/m3	0.70	0.28	1.41		05/26/19 16:20	67-66-3	
Chloromethane	0.53J	ug/m3	0.59	0.22	1.41		05/26/19 16:20	74-87-3	
Dibromochloromethane	<1.0	ug/m3	2.4	1.0	1.41		05/26/19 16:20	124-48-1	
1,2-Dichlorobenzene	<0.70	ug/m3	1.7	0.70	1.41		05/26/19 16:20	95-50-1	
1,3-Dichlorobenzene	<0.82	ug/m3	1.7	0.82	1.41		05/26/19 16:20	541-73-1	
1,4-Dichlorobenzene	<1.4	ug/m3	4.3	1.4	1.41		05/26/19 16:20	106-46-7	
Dichlorodifluoromethane	2.0	ug/m3	1.4	0.41	1.41		05/26/19 16:20	75-71-8	
1,1-Dichloroethane	<0.32	ug/m3	1.2	0.32	1.41		05/26/19 16:20	75-34-3	
1,2-Dichloroethane	<0.21	ug/m3	0.58	0.21	1.41		05/26/19 16:20	107-06-2	
1,1-Dichloroethene	<0.39	ug/m3	1.1	0.39	1.41		05/26/19 16:20	75-35-4	
cis-1,2-Dichloroethene	<0.31	ug/m3	1.1	0.31	1.41		05/26/19 16:20	156-59-2	
trans-1,2-Dichloroethene	<0.40	ug/m3	1.1	0.40	1.41		05/26/19 16:20	156-60-5	
1,2-Dichloropropane	<0.32	ug/m3	1.3	0.32	1.41		05/26/19 16:20	78-87-5	
cis-1,3-Dichloropropene	<0.43	ug/m3	1.3	0.43	1.41		05/26/19 16:20	10061-01-5	
trans-1,3-Dichloropropene	<0.62	ug/m3	1.3	0.62	1.41		05/26/19 16:20	10061-02-6	
Hexachloro-1,3-butadiene	<2.8	ug/m3	7.6	2.8	1.41		05/26/19 16:20	87-68-3	
Methylene Chloride	85.7	ug/m3	5.0	1.3	1.41		05/26/19 16:20	75-09-2	
1,1,2,2-Tetrachloroethane	<0.41	ug/m3	0.98	0.41	1.41		05/26/19 16:20	79-34-5	
Tetrachloroethene	2.2	ug/m3	0.97	0.44	1.41		05/26/19 16:20	127-18-4	
1,2,4-Trichlorobenzene	<5.2	ug/m3	10.6	5.2	1.41		05/26/19 16:20	120-82-1	
1,1,1-Trichloroethane	<0.44	ug/m3	1.6	0.44	1.41		05/26/19 16:20	71-55-6	
1,1,2-Trichloroethane	<0.35	ug/m3	0.78	0.35	1.41		05/26/19 16:20	79-00-5	
Trichloroethene	1.2	ug/m3	0.77	0.36	1.41		05/26/19 16:20	79-01-6	
Trichlorofluoromethane	1.3J	ug/m3	1.6	0.52	1.41		05/26/19 16:20	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.80	ug/m3	2.2	0.80	1.41		05/26/19 16:20	76-13-1	
Vinyl chloride	<0.18	ug/m3	0.37	0.18	1.41		05/26/19 16:20	75-01-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Klismith
Pace Project No.: 10476270

QC Batch: 608494 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10476270001

METHOD BLANK: 3289408 Matrix: Air
Associated Lab Samples: 10476270001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.15	0.56	05/26/19 09:10	
1,1,2,2-Tetrachloroethane	ug/m3	<0.15	0.35	05/26/19 09:10	
1,1,2-Trichloroethane	ug/m3	<0.12	0.28	05/26/19 09:10	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.28	0.78	05/26/19 09:10	
1,1-Dichloroethane	ug/m3	<0.11	0.41	05/26/19 09:10	
1,1-Dichloroethene	ug/m3	<0.14	0.40	05/26/19 09:10	
1,2,4-Trichlorobenzene	ug/m3	<1.9	3.8	05/26/19 09:10	
1,2-Dichlorobenzene	ug/m3	<0.25	0.61	05/26/19 09:10	
1,2-Dichloroethane	ug/m3	<0.075	0.21	05/26/19 09:10	
1,2-Dichloropropane	ug/m3	<0.12	0.47	05/26/19 09:10	
1,3-Dichlorobenzene	ug/m3	<0.29	0.61	05/26/19 09:10	
1,4-Dichlorobenzene	ug/m3	<0.50	1.5	05/26/19 09:10	
Benzyl chloride	ug/m3	<0.60	1.3	05/26/19 09:10	
Bromodichloromethane	ug/m3	<0.18	0.68	05/26/19 09:10	
Carbon tetrachloride	ug/m3	<0.21	0.64	05/26/19 09:10	
Chlorobenzene	ug/m3	<0.14	0.47	05/26/19 09:10	
Chlorodifluoromethane	ug/m3	<0.33	0.90	05/26/19 09:10	N2
Chloroethane	ug/m3	<0.13	0.27	05/26/19 09:10	
Chloroform	ug/m3	<0.098	0.25	05/26/19 09:10	
Chloromethane	ug/m3	<0.078	0.21	05/26/19 09:10	
cis-1,2-Dichloroethene	ug/m3	<0.11	0.40	05/26/19 09:10	
cis-1,3-Dichloropropene	ug/m3	<0.15	0.46	05/26/19 09:10	
Dibromochloromethane	ug/m3	<0.36	0.86	05/26/19 09:10	
Dichlorodifluoromethane	ug/m3	<0.15	0.50	05/26/19 09:10	
Hexachloro-1,3-butadiene	ug/m3	<0.98	2.7	05/26/19 09:10	
Methylene Chloride	ug/m3	<0.47	1.8	05/26/19 09:10	
Tetrachloroethene	ug/m3	<0.16	0.34	05/26/19 09:10	
trans-1,2-Dichloroethene	ug/m3	<0.14	0.40	05/26/19 09:10	
trans-1,3-Dichloropropene	ug/m3	<0.22	0.46	05/26/19 09:10	
Trichloroethene	ug/m3	<0.13	0.27	05/26/19 09:10	
Trichlorofluoromethane	ug/m3	<0.18	0.57	05/26/19 09:10	
Vinyl chloride	ug/m3	<0.063	0.13	05/26/19 09:10	

LABORATORY CONTROL SAMPLE: 3289409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	55.5	57.2	103	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	69.8	73.4	105	70-132	
1,1,2-Trichloroethane	ug/m3	55.5	57.5	104	70-130	
1,1,2-Trichlorotrifluoroethane	ug/m3	77.9	77.1	99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Klismith
Pace Project No.: 10476270

LABORATORY CONTROL SAMPLE: 3289409

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethane	ug/m3	41.1	42.6	104	70-130	
1,1-Dichloroethene	ug/m3	40.3	38.7	96	70-130	
1,2,4-Trichlorobenzene	ug/m3	75.4	64.4	85	56-130	
1,2-Dichlorobenzene	ug/m3	61.1	64.2	105	70-132	
1,2-Dichloroethane	ug/m3	41.1	43.1	105	70-130	
1,2-Dichloropropane	ug/m3	47	48.1	102	70-130	
1,3-Dichlorobenzene	ug/m3	61.1	65.4	107	70-137	
1,4-Dichlorobenzene	ug/m3	61.1	67.9	111	70-134	
Benzyl chloride	ug/m3	52.6	53.0	101	70-130	
Bromodichloromethane	ug/m3	68.1	71.7	105	70-130	
Carbon tetrachloride	ug/m3	64	70.5	110	66-131	
Chlorobenzene	ug/m3	46.8	47.0	100	70-130	
Chlorodifluoromethane	ug/m3	36	41.4	115	70-135 N2	
Chloroethane	ug/m3	26.8	27.8	103	70-130	
Chloroform	ug/m3	49.6	50.3	101	70-130	
Chloromethane	ug/m3	21	20.2	96	66-130	
cis-1,2-Dichloroethene	ug/m3	40.3	41.3	103	70-130	
cis-1,3-Dichloropropene	ug/m3	46.1	48.4	105	70-133	
Dibromochloromethane	ug/m3	86.6	91.2	105	70-130	
Dichlorodifluoromethane	ug/m3	50.3	53.0	106	70-130	
Hexachloro-1,3-butadiene	ug/m3	108	104	96	66-137	
Methylene Chloride	ug/m3	177	167	95	65-130	
Tetrachloroethene	ug/m3	68.9	67.2	97	70-130	
trans-1,2-Dichloroethene	ug/m3	40.3	40.9	101	70-130	
trans-1,3-Dichloropropene	ug/m3	46.1	49.5	107	70-134	
Trichloroethene	ug/m3	54.6	54.3	99	70-130	
Trichlorofluoromethane	ug/m3	57.1	56.2	98	65-130	
Vinyl chloride	ug/m3	26	25.4	98	70-130	

SAMPLE DUPLICATE: 3290079

Parameter	Units	10476270001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.44	<0.44			25
1,1,2,2-Tetrachloroethane	ug/m3	<0.41	<0.41			25
1,1,2-Trichloroethane	ug/m3	<0.35	<0.35			25
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.80	<0.80			25
1,1-Dichloroethane	ug/m3	<0.32	<0.32			25
1,1-Dichloroethene	ug/m3	<0.39	<0.39			25
1,2,4-Trichlorobenzene	ug/m3	<5.2	<5.2			25
1,2-Dichlorobenzene	ug/m3	<0.70	<0.70			25
1,2-Dichloroethane	ug/m3	<0.21	<0.21			25
1,2-Dichloropropane	ug/m3	<0.32	<0.32			25
1,3-Dichlorobenzene	ug/m3	<0.82	<0.82			25
1,4-Dichlorobenzene	ug/m3	<1.4	<1.4			25
Benzyl chloride	ug/m3	<1.7	<1.7			25

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Klismith
Pace Project No.: 10476270

SAMPLE DUPLICATE: 3290079

Parameter	Units	10476270001 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromodichloromethane	ug/m3	<0.52	<0.52		25	
Carbon tetrachloride	ug/m3	<0.60	<0.60		25	
Chlorobenzene	ug/m3	<0.39	<0.39		25	
Chlorodifluoromethane	ug/m3	<0.93	<0.93		25	N2
Chloroethane	ug/m3	<0.37	<0.37		25	
Chloroform	ug/m3	<0.28	<0.28		25	
Chloromethane	ug/m3	0.53J	0.52J		25	
cis-1,2-Dichloroethene	ug/m3	<0.31	<0.31		25	
cis-1,3-Dichloropropene	ug/m3	<0.43	<0.43		25	
Dibromochloromethane	ug/m3	<1.0	<1.0		25	
Dichlorodifluoromethane	ug/m3	2.0	2.0	1	25	
Hexachloro-1,3-butadiene	ug/m3	<2.8	<2.8		25	
Methylene Chloride	ug/m3	85.7	87.2	2	25	
Tetrachloroethene	ug/m3	2.2	2.2	2	25	
trans-1,2-Dichloroethene	ug/m3	<0.40	<0.40		25	
trans-1,3-Dichloropropene	ug/m3	<0.62	<0.62		25	
Trichloroethene	ug/m3	1.2	1.2	1	25	
Trichlorofluoromethane	ug/m3	1.3J	1.2J		25	
Vinyl chloride	ug/m3	<0.18	<0.18		25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Klismith
Pace Project No.: 10476270

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Klismith
Pace Project No.: 10476270

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10476270001	System Exhaust	TO-15	608494		

REPORT OF LABORATORY ANALYSIS

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AIR: CHAIN-OF-CUSTODY / Ar

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields

WO#: 10476270



Section A Required Client Information: Company: <u>Sand Creek</u> Address: <u>PO Box 219</u> <u>Amherst, WI</u> Email To: <u>Pete.arntzen@sand-creek.com</u> Phone: <u>715-824-5167</u> Requested Due Date/TAT:	Section B Required Project Information: Report To: Copy To: <u>Same</u> Purchase Order No.: Project Name: <u>K.L. Smith</u> Project Number:	Section C Invoice Information: Attention: Company Name: <u>Same</u> Address: Pace Quote Reference: Pace Project Manager/Sales Rep. Pace Profile #: <u>25302</u>	Page: <u>36064</u> of <u> </u>
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Program

UST
 Superfund
 Emissions
 Clean Air Act
 Voluntary Clean Up
 Dry Clean
 RCRA
 Other

Location of Sampling by State: WI

Reporting Units:
 ug/m³ _____ mg/m³ _____
 PPBV _____ PPMV _____
 Other _____

Report Level: II _____ III _____ IV _____ Other _____

ITEM #	Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA CODE	PID Reading (Client only)	COLLECTED				Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method:	Pace Lab ID	
				COMPOSITE START		COMPOSITE - END/GRAB								
				DATE	TIME	DATE	TIME							
1	System Exhaust	GC	-	5/21/19	10:25	5/21	11:09	-29	-2.5	1723	1583	PH10 3c - Fixed Gas (%) TO-3 BTX TO-3M (Methane) TO-14 TO-15 Full List VOCs TO-15 Short List BTX TO-15 Short List Chlorinated	X 001	
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS				
<u>Pete Arntzen</u>	5/21		<u>[Signature]</u>	05/23/19	1230	-	Y/N	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N	Y/N

Temp in °C

Received on Ice

Custody Sealed Cooler

Samples Intact

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Pete Arntzen

SIGNATURE OF SAMPLER: [Signature]

DATE Signed (MM/DD/YY): 05/21/2019

ORIGINAL



Document Name:
Air Sample Condition Upon Receipt
 Document No.:
F-MN-A-106-rev.18

Document Revised: 31Jan2019
 Page 1 of 1
 Issuing Authority:

Air Sample Condition Upon Receipt

Client Name: Sand Creek

Project #:

WO#: 10476270

PM: KNH

Due Date: 05/31/19

CLIENT: Sand Creek

Courier: Fed Ex UPS USPS Client
 Pace Speedee Commercial See Exception

Tracking Number: 4545 9912 1457

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

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

Temp. (TO17 and TO13 samples only) (°C): _____ Corrected Temp (°C): _____ Thermometer Used: G87A9170600254
 G87A9155100842

Temp should be above freezing to 6°C Correction Factor: _____ Date & Initials of Person Examining Contents: 05/23/19 KS

Type of ice Received Blue Wet None

Comments:

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

Samples Received:					Pressure Gauge # <input type="checkbox"/> 10AIR34 <input checked="" type="checkbox"/> 10AIR35				
Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
<u>exhaust</u>	<u>1723</u>	<u>1583</u>	<u>-1.5</u>	<u>+30</u>					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____
 Comments/Resolution: _____

Project Manager Review:

Nathan Boberg

Date: 5/24/19

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)

October 11, 2021

Pete Arntsen
Sand County Environmental
PO Box 218
Amherst, WI 54406

RE: Project: Klismith Accounting
Pace Project No.: 10581523

Dear Pete Arntsen:

Enclosed are the analytical results for sample(s) received by the laboratory on October 04, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

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

Sincerely,



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

Enclosures

cc: Nichole Besyk, Sand County Environmental



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Klismith Accounting

Pace Project No.: 10581523

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

A2LA Certification #: 2926.01*

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009*

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014*

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605*

Georgia Certification #: 959

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086*

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064*

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137*

Minnesota Dept of Ag Approval: via MN 027-053-137

Minnesota Petrofund Registration #: 1240*

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081*

New Jersey Certification #: MN002

New York Certification #: 11647*

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification (1700) #: CL101

Ohio VAP Certification (1800) #: CL110*

Oklahoma Certification #: 9507*

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001*

Pennsylvania Certification #: 68-00563*

Puerto Rico Certification #: MN00064

South Carolina Certification #:74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192*

Utah Certification #: MN00064*

Vermont Certification #: VT-027053137

Virginia Certification #: 460163*

Washington Certification #: C486*

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

Please Note: Applicable air certifications are denoted with an asterisk ().

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Klismith Accounting

Pace Project No.: 10581523

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10581523001	SSV 201	Air	09/28/21 10:08	10/04/21 11:00
10581523002	SSV 202	Air	09/28/21 09:48	10/04/21 11:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Klismith Accounting

Pace Project No.: 10581523

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10581523001	SSV 201	TO-15	HMH	61	PASI-M
10581523002	SSV 202	TO-15	HMH	61	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Klismith Accounting

Pace Project No.: 10581523

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
10581523001	SSV 201					
TO-15	Acetone	36.5	ug/m3	8.7	10/09/21 19:41	
TO-15	Benzene	0.34J	ug/m3	0.47	10/09/21 19:41	
TO-15	2-Butanone (MEK)	6.6	ug/m3	4.3	10/09/21 19:41	
TO-15	Carbon tetrachloride	0.46J	ug/m3	1.8	10/09/21 19:41	
TO-15	Cyclohexane	0.38J	ug/m3	2.5	10/09/21 19:41	
TO-15	1,2-Dichlorobenzene	0.84J	ug/m3	4.4	10/09/21 19:41	
TO-15	1,3-Dichlorobenzene	2.0J	ug/m3	4.4	10/09/21 19:41	
TO-15	1,4-Dichlorobenzene	1.5J	ug/m3	4.4	10/09/21 19:41	
TO-15	Dichlorodifluoromethane	2.8	ug/m3	1.5	10/09/21 19:41	
TO-15	Ethanol	68.3	ug/m3	2.8	10/09/21 19:41	
TO-15	Ethylbenzene	2.9	ug/m3	1.3	10/09/21 19:41	
TO-15	4-Ethyltoluene	1.4J	ug/m3	3.6	10/09/21 19:41	
TO-15	n-Heptane	0.49J	ug/m3	1.2	10/09/21 19:41	
TO-15	n-Hexane	1.3	ug/m3	1.0	10/09/21 19:41	
TO-15	2-Hexanone	1.6J	ug/m3	6.0	10/09/21 19:41	
TO-15	4-Methyl-2-pentanone (MIBK)	1.4J	ug/m3	6.0	10/09/21 19:41	
TO-15	Naphthalene	3.7J	ug/m3	3.8	10/09/21 19:41	
TO-15	2-Propanol	12.0	ug/m3	3.6	10/09/21 19:41	
TO-15	Propylene	0.24J	ug/m3	1.3	10/09/21 19:41	
TO-15	Styrene	10.0	ug/m3	1.2	10/09/21 19:41	
TO-15	Tetrachloroethene	39.6	ug/m3	0.99	10/09/21 19:41	
TO-15	Tetrahydrofuran	0.81J	ug/m3	0.86	10/09/21 19:41	
TO-15	Toluene	130	ug/m3	1.1	10/09/21 19:41	
TO-15	1,1,1-Trichloroethane	0.38J	ug/m3	1.6	10/09/21 19:41	
TO-15	Trichlorofluoromethane	1.5J	ug/m3	1.6	10/09/21 19:41	
TO-15	1,1,2-Trichlorotrifluoroethane	0.95J	ug/m3	2.2	10/09/21 19:41	
TO-15	1,2,4-Trimethylbenzene	3.7	ug/m3	1.4	10/09/21 19:41	
TO-15	1,3,5-Trimethylbenzene	1.2J	ug/m3	1.4	10/09/21 19:41	
TO-15	m&p-Xylene	10.4	ug/m3	2.5	10/09/21 19:41	
TO-15	o-Xylene	5.3	ug/m3	1.3	10/09/21 19:41	
10581523002	SSV 202					
TO-15	Acetone	20.6	ug/m3	8.7	10/09/21 20:37	
TO-15	Benzene	0.31J	ug/m3	0.47	10/09/21 20:37	
TO-15	2-Butanone (MEK)	5.2	ug/m3	4.3	10/09/21 20:37	
TO-15	Chloromethane	0.22J	ug/m3	0.60	10/09/21 20:37	
TO-15	1,2-Dichlorobenzene	0.83J	ug/m3	4.4	10/09/21 20:37	
TO-15	1,4-Dichlorobenzene	1.6J	ug/m3	4.4	10/09/21 20:37	
TO-15	Dichlorodifluoromethane	2.5	ug/m3	1.5	10/09/21 20:37	
TO-15	Ethanol	27.6	ug/m3	2.8	10/09/21 20:37	
TO-15	Ethylbenzene	3.0	ug/m3	1.3	10/09/21 20:37	
TO-15	4-Ethyltoluene	1.4J	ug/m3	3.6	10/09/21 20:37	
TO-15	n-Heptane	0.58J	ug/m3	1.2	10/09/21 20:37	
TO-15	n-Hexane	1.1	ug/m3	1.0	10/09/21 20:37	
TO-15	2-Hexanone	1.4J	ug/m3	6.0	10/09/21 20:37	
TO-15	4-Methyl-2-pentanone (MIBK)	0.94J	ug/m3	6.0	10/09/21 20:37	
TO-15	Naphthalene	3.3J	ug/m3	3.8	10/09/21 20:37	
TO-15	2-Propanol	8.5	ug/m3	3.6	10/09/21 20:37	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Klismith Accounting

Pace Project No.: 10581523

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10581523002	SSV 202					
TO-15	Propylene	0.20J	ug/m3	1.3	10/09/21 20:37	
TO-15	Styrene	10.1	ug/m3	1.2	10/09/21 20:37	
TO-15	Tetrachloroethene	64.9	ug/m3	0.99	10/09/21 20:37	
TO-15	Tetrahydrofuran	0.73J	ug/m3	0.86	10/09/21 20:37	
TO-15	Toluene	135	ug/m3	1.1	10/09/21 20:37	
TO-15	1,1,1-Trichloroethane	0.58J	ug/m3	1.6	10/09/21 20:37	
TO-15	Trichlorofluoromethane	1.4J	ug/m3	1.6	10/09/21 20:37	
TO-15	1,1,2-Trichlorotrifluoroethane	0.61J	ug/m3	2.2	10/09/21 20:37	
TO-15	1,2,4-Trimethylbenzene	3.6	ug/m3	1.4	10/09/21 20:37	
TO-15	1,3,5-Trimethylbenzene	1.2J	ug/m3	1.4	10/09/21 20:37	
TO-15	m&p-Xylene	10.9	ug/m3	2.5	10/09/21 20:37	
TO-15	o-Xylene	5.6	ug/m3	1.3	10/09/21 20:37	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: Klismith Accounting

Pace Project No.: 10581523

Method: TO-15

Description: TO15 MSV AIR

Client: Sand County Environmental, Inc.

Date: October 11, 2021

General Information:

2 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Klismith Accounting

Pace Project No.: 10581523

Sample: SSV 201 **Lab ID: 10581523001** Collected: 09/28/21 10:08 Received: 10/04/21 11:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Acetone	36.5	ug/m3	8.7	2.6	1.44		10/09/21 19:41	67-64-1	
Benzene	0.34J	ug/m3	0.47	0.16	1.44		10/09/21 19:41	71-43-2	
Benzyl chloride	<1.3	ug/m3	3.8	1.3	1.44		10/09/21 19:41	100-44-7	
Bromodichloromethane	<0.34	ug/m3	2.0	0.34	1.44		10/09/21 19:41	75-27-4	
Bromoform	<2.3	ug/m3	7.6	2.3	1.44		10/09/21 19:41	75-25-2	
Bromomethane	<0.22	ug/m3	1.1	0.22	1.44		10/09/21 19:41	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.65	0.17	1.44		10/09/21 19:41	106-99-0	
2-Butanone (MEK)	6.6	ug/m3	4.3	0.67	1.44		10/09/21 19:41	78-93-3	
Carbon disulfide	<0.19	ug/m3	0.91	0.19	1.44		10/09/21 19:41	75-15-0	
Carbon tetrachloride	0.46J	ug/m3	1.8	0.40	1.44		10/09/21 19:41	56-23-5	
Chlorobenzene	<0.22	ug/m3	1.3	0.22	1.44		10/09/21 19:41	108-90-7	
Chloroethane	<0.32	ug/m3	0.77	0.32	1.44		10/09/21 19:41	75-00-3	
Chloroform	<0.26	ug/m3	0.71	0.26	1.44		10/09/21 19:41	67-66-3	
Chloromethane	<0.12	ug/m3	0.60	0.12	1.44		10/09/21 19:41	74-87-3	
Cyclohexane	0.38J	ug/m3	2.5	0.32	1.44		10/09/21 19:41	110-82-7	
Dibromochloromethane	<0.74	ug/m3	2.5	0.74	1.44		10/09/21 19:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.43	ug/m3	1.1	0.43	1.44		10/09/21 19:41	106-93-4	
1,2-Dichlorobenzene	0.84J	ug/m3	4.4	0.58	1.44		10/09/21 19:41	95-50-1	
1,3-Dichlorobenzene	2.0J	ug/m3	4.4	0.73	1.44		10/09/21 19:41	541-73-1	
1,4-Dichlorobenzene	1.5J	ug/m3	4.4	1.3	1.44		10/09/21 19:41	106-46-7	
Dichlorodifluoromethane	2.8	ug/m3	1.5	0.27	1.44		10/09/21 19:41	75-71-8	
1,1-Dichloroethane	<0.24	ug/m3	1.2	0.24	1.44		10/09/21 19:41	75-34-3	
1,2-Dichloroethane	<0.28	ug/m3	1.2	0.28	1.44		10/09/21 19:41	107-06-2	
1,1-Dichloroethene	<0.20	ug/m3	1.2	0.20	1.44		10/09/21 19:41	75-35-4	
cis-1,2-Dichloroethene	<0.28	ug/m3	1.2	0.28	1.44		10/09/21 19:41	156-59-2	
trans-1,2-Dichloroethene	<0.24	ug/m3	1.2	0.24	1.44		10/09/21 19:41	156-60-5	
1,2-Dichloropropane	<0.39	ug/m3	1.4	0.39	1.44		10/09/21 19:41	78-87-5	
cis-1,3-Dichloropropene	<0.37	ug/m3	3.3	0.37	1.44		10/09/21 19:41	10061-01-5	
trans-1,3-Dichloropropene	<0.78	ug/m3	3.3	0.78	1.44		10/09/21 19:41	10061-02-6	
Dichlorotetrafluoroethane	<0.29	ug/m3	2.0	0.29	1.44		10/09/21 19:41	76-14-2	
Ethanol	68.3	ug/m3	2.8	0.85	1.44		10/09/21 19:41	64-17-5	
Ethyl acetate	<0.19	ug/m3	1.1	0.19	1.44		10/09/21 19:41	141-78-6	
Ethylbenzene	2.9	ug/m3	1.3	0.44	1.44		10/09/21 19:41	100-41-4	
4-Ethyltoluene	1.4J	ug/m3	3.6	0.68	1.44		10/09/21 19:41	622-96-8	
n-Heptane	0.49J	ug/m3	1.2	0.26	1.44		10/09/21 19:41	142-82-5	
Hexachloro-1,3-butadiene	<1.8	ug/m3	7.8	1.8	1.44		10/09/21 19:41	87-68-3	
n-Hexane	1.3	ug/m3	1.0	0.28	1.44		10/09/21 19:41	110-54-3	
2-Hexanone	1.6J	ug/m3	6.0	0.64	1.44		10/09/21 19:41	591-78-6	
Methylene Chloride	<0.85	ug/m3	5.1	0.85	1.44		10/09/21 19:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	1.4J	ug/m3	6.0	0.46	1.44		10/09/21 19:41	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/m3	5.3	0.18	1.44		10/09/21 19:41	1634-04-4	
Naphthalene	3.7J	ug/m3	3.8	3.1	1.44		10/09/21 19:41	91-20-3	
2-Propanol	12.0	ug/m3	3.6	0.73	1.44		10/09/21 19:41	67-63-0	
Propylene	0.24J	ug/m3	1.3	0.19	1.44		10/09/21 19:41	115-07-1	
Styrene	10.0	ug/m3	1.2	0.55	1.44		10/09/21 19:41	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Klismith Accounting

Pace Project No.: 10581523

Sample: SSV 201 **Lab ID: 10581523001** Collected: 09/28/21 10:08 Received: 10/04/21 11:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
1,1,2,2-Tetrachloroethane	<0.54	ug/m3	2.0	0.54	1.44		10/09/21 19:41	79-34-5	
Tetrachloroethene	39.6	ug/m3	0.99	0.42	1.44		10/09/21 19:41	127-18-4	
Tetrahydrofuran	0.81J	ug/m3	0.86	0.26	1.44		10/09/21 19:41	109-99-9	
Toluene	130	ug/m3	1.1	0.35	1.44		10/09/21 19:41	108-88-3	
1,2,4-Trichlorobenzene	<7.0	ug/m3	10.9	7.0	1.44		10/09/21 19:41	120-82-1	
1,1,1-Trichloroethane	0.38J	ug/m3	1.6	0.27	1.44		10/09/21 19:41	71-55-6	
1,1,2-Trichloroethane	<0.28	ug/m3	0.80	0.28	1.44		10/09/21 19:41	79-00-5	
Trichloroethene	<0.28	ug/m3	0.79	0.28	1.44		10/09/21 19:41	79-01-6	
Trichlorofluoromethane	1.5J	ug/m3	1.6	0.34	1.44		10/09/21 19:41	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.95J	ug/m3	2.2	0.42	1.44		10/09/21 19:41	76-13-1	
1,2,4-Trimethylbenzene	3.7	ug/m3	1.4	0.51	1.44		10/09/21 19:41	95-63-6	
1,3,5-Trimethylbenzene	1.2J	ug/m3	1.4	0.42	1.44		10/09/21 19:41	108-67-8	
Vinyl acetate	<0.30	ug/m3	1.0	0.30	1.44		10/09/21 19:41	108-05-4	
Vinyl chloride	<0.12	ug/m3	0.37	0.12	1.44		10/09/21 19:41	75-01-4	
m&p-Xylene	10.4	ug/m3	2.5	0.92	1.44		10/09/21 19:41	179601-23-1	
o-Xylene	5.3	ug/m3	1.3	0.39	1.44		10/09/21 19:41	95-47-6	

Sample: SSV 202 **Lab ID: 10581523002** Collected: 09/28/21 09:48 Received: 10/04/21 11:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Acetone	20.6	ug/m3	8.7	2.6	1.44		10/09/21 20:37	67-64-1	
Benzene	0.31J	ug/m3	0.47	0.16	1.44		10/09/21 20:37	71-43-2	
Benzyl chloride	<1.3	ug/m3	3.8	1.3	1.44		10/09/21 20:37	100-44-7	
Bromodichloromethane	<0.34	ug/m3	2.0	0.34	1.44		10/09/21 20:37	75-27-4	
Bromoform	<2.3	ug/m3	7.6	2.3	1.44		10/09/21 20:37	75-25-2	
Bromomethane	<0.22	ug/m3	1.1	0.22	1.44		10/09/21 20:37	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.65	0.17	1.44		10/09/21 20:37	106-99-0	
2-Butanone (MEK)	5.2	ug/m3	4.3	0.67	1.44		10/09/21 20:37	78-93-3	
Carbon disulfide	<0.19	ug/m3	0.91	0.19	1.44		10/09/21 20:37	75-15-0	
Carbon tetrachloride	<0.40	ug/m3	1.8	0.40	1.44		10/09/21 20:37	56-23-5	
Chlorobenzene	<0.22	ug/m3	1.3	0.22	1.44		10/09/21 20:37	108-90-7	
Chloroethane	<0.32	ug/m3	0.77	0.32	1.44		10/09/21 20:37	75-00-3	
Chloroform	<0.26	ug/m3	0.71	0.26	1.44		10/09/21 20:37	67-66-3	
Chloromethane	0.22J	ug/m3	0.60	0.12	1.44		10/09/21 20:37	74-87-3	
Cyclohexane	<0.32	ug/m3	2.5	0.32	1.44		10/09/21 20:37	110-82-7	
Dibromochloromethane	<0.74	ug/m3	2.5	0.74	1.44		10/09/21 20:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.43	ug/m3	1.1	0.43	1.44		10/09/21 20:37	106-93-4	
1,2-Dichlorobenzene	0.83J	ug/m3	4.4	0.58	1.44		10/09/21 20:37	95-50-1	
1,3-Dichlorobenzene	<0.73	ug/m3	4.4	0.73	1.44		10/09/21 20:37	541-73-1	
1,4-Dichlorobenzene	1.6J	ug/m3	4.4	1.3	1.44		10/09/21 20:37	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Klismith Accounting

Pace Project No.: 10581523

Sample: **SSV 202** Lab ID: **10581523002** Collected: 09/28/21 09:48 Received: 10/04/21 11:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Dichlorodifluoromethane	2.5	ug/m3	1.5	0.27	1.44		10/09/21 20:37	75-71-8	
1,1-Dichloroethane	<0.24	ug/m3	1.2	0.24	1.44		10/09/21 20:37	75-34-3	
1,2-Dichloroethane	<0.28	ug/m3	1.2	0.28	1.44		10/09/21 20:37	107-06-2	
1,1-Dichloroethene	<0.20	ug/m3	1.2	0.20	1.44		10/09/21 20:37	75-35-4	
cis-1,2-Dichloroethene	<0.28	ug/m3	1.2	0.28	1.44		10/09/21 20:37	156-59-2	
trans-1,2-Dichloroethene	<0.24	ug/m3	1.2	0.24	1.44		10/09/21 20:37	156-60-5	
1,2-Dichloropropane	<0.39	ug/m3	1.4	0.39	1.44		10/09/21 20:37	78-87-5	
cis-1,3-Dichloropropene	<0.37	ug/m3	3.3	0.37	1.44		10/09/21 20:37	10061-01-5	
trans-1,3-Dichloropropene	<0.78	ug/m3	3.3	0.78	1.44		10/09/21 20:37	10061-02-6	
Dichlorotetrafluoroethane	<0.29	ug/m3	2.0	0.29	1.44		10/09/21 20:37	76-14-2	
Ethanol	27.6	ug/m3	2.8	0.85	1.44		10/09/21 20:37	64-17-5	
Ethyl acetate	<0.19	ug/m3	1.1	0.19	1.44		10/09/21 20:37	141-78-6	
Ethylbenzene	3.0	ug/m3	1.3	0.44	1.44		10/09/21 20:37	100-41-4	
4-Ethyltoluene	1.4J	ug/m3	3.6	0.68	1.44		10/09/21 20:37	622-96-8	
n-Heptane	0.58J	ug/m3	1.2	0.26	1.44		10/09/21 20:37	142-82-5	
Hexachloro-1,3-butadiene	<1.8	ug/m3	7.8	1.8	1.44		10/09/21 20:37	87-68-3	
n-Hexane	1.1	ug/m3	1.0	0.28	1.44		10/09/21 20:37	110-54-3	
2-Hexanone	1.4J	ug/m3	6.0	0.64	1.44		10/09/21 20:37	591-78-6	
Methylene Chloride	<0.85	ug/m3	5.1	0.85	1.44		10/09/21 20:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.94J	ug/m3	6.0	0.46	1.44		10/09/21 20:37	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/m3	5.3	0.18	1.44		10/09/21 20:37	1634-04-4	
Naphthalene	3.3J	ug/m3	3.8	3.1	1.44		10/09/21 20:37	91-20-3	
2-Propanol	8.5	ug/m3	3.6	0.73	1.44		10/09/21 20:37	67-63-0	
Propylene	0.20J	ug/m3	1.3	0.19	1.44		10/09/21 20:37	115-07-1	
Styrene	10.1	ug/m3	1.2	0.55	1.44		10/09/21 20:37	100-42-5	
1,1,2,2-Tetrachloroethane	<0.54	ug/m3	2.0	0.54	1.44		10/09/21 20:37	79-34-5	
Tetrachloroethene	64.9	ug/m3	0.99	0.42	1.44		10/09/21 20:37	127-18-4	
Tetrahydrofuran	0.73J	ug/m3	0.86	0.26	1.44		10/09/21 20:37	109-99-9	
Toluene	135	ug/m3	1.1	0.35	1.44		10/09/21 20:37	108-88-3	
1,2,4-Trichlorobenzene	<7.0	ug/m3	10.9	7.0	1.44		10/09/21 20:37	120-82-1	
1,1,1-Trichloroethane	0.58J	ug/m3	1.6	0.27	1.44		10/09/21 20:37	71-55-6	
1,1,2-Trichloroethane	<0.28	ug/m3	0.80	0.28	1.44		10/09/21 20:37	79-00-5	
Trichloroethene	<0.28	ug/m3	0.79	0.28	1.44		10/09/21 20:37	79-01-6	
Trichlorofluoromethane	1.4J	ug/m3	1.6	0.34	1.44		10/09/21 20:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.61J	ug/m3	2.2	0.42	1.44		10/09/21 20:37	76-13-1	
1,2,4-Trimethylbenzene	3.6	ug/m3	1.4	0.51	1.44		10/09/21 20:37	95-63-6	
1,3,5-Trimethylbenzene	1.2J	ug/m3	1.4	0.42	1.44		10/09/21 20:37	108-67-8	
Vinyl acetate	<0.30	ug/m3	1.0	0.30	1.44		10/09/21 20:37	108-05-4	
Vinyl chloride	<0.12	ug/m3	0.37	0.12	1.44		10/09/21 20:37	75-01-4	
m&p-Xylene	10.9	ug/m3	2.5	0.92	1.44		10/09/21 20:37	179601-23-1	
o-Xylene	5.6	ug/m3	1.3	0.39	1.44		10/09/21 20:37	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Klismith Accounting
Pace Project No.: 10581523

QC Batch: 775725 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10581523001, 10581523002

METHOD BLANK: 4132058 Matrix: Air

Associated Lab Samples: 10581523001, 10581523002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.093	0.56	10/09/21 11:45	
1,1,2,2-Tetrachloroethane	ug/m3	<0.19	0.70	10/09/21 11:45	
1,1,2-Trichloroethane	ug/m3	<0.098	0.28	10/09/21 11:45	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.14	0.78	10/09/21 11:45	
1,1-Dichloroethane	ug/m3	<0.082	0.41	10/09/21 11:45	
1,1-Dichloroethene	ug/m3	<0.069	0.40	10/09/21 11:45	
1,2,4-Trichlorobenzene	ug/m3	<2.4	3.8	10/09/21 11:45	
1,2,4-Trimethylbenzene	ug/m3	<0.18	0.50	10/09/21 11:45	
1,2-Dibromoethane (EDB)	ug/m3	<0.15	0.39	10/09/21 11:45	
1,2-Dichlorobenzene	ug/m3	<0.20	1.5	10/09/21 11:45	
1,2-Dichloroethane	ug/m3	<0.097	0.41	10/09/21 11:45	
1,2-Dichloropropane	ug/m3	<0.13	0.47	10/09/21 11:45	
1,3,5-Trimethylbenzene	ug/m3	<0.14	0.50	10/09/21 11:45	
1,3-Butadiene	ug/m3	<0.060	0.22	10/09/21 11:45	
1,3-Dichlorobenzene	ug/m3	<0.25	1.5	10/09/21 11:45	
1,4-Dichlorobenzene	ug/m3	<0.44	1.5	10/09/21 11:45	
2-Butanone (MEK)	ug/m3	<0.23	1.5	10/09/21 11:45	
2-Hexanone	ug/m3	<0.22	2.1	10/09/21 11:45	
2-Propanol	ug/m3	<0.25	1.2	10/09/21 11:45	
4-Ethyltoluene	ug/m3	<0.24	1.2	10/09/21 11:45	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.16	2.1	10/09/21 11:45	
Acetone	ug/m3	<0.90	3.0	10/09/21 11:45	
Benzene	ug/m3	<0.057	0.16	10/09/21 11:45	
Benzyl chloride	ug/m3	<0.44	1.3	10/09/21 11:45	
Bromodichloromethane	ug/m3	<0.12	0.68	10/09/21 11:45	
Bromoform	ug/m3	<0.81	2.6	10/09/21 11:45	
Bromomethane	ug/m3	<0.075	0.39	10/09/21 11:45	
Carbon disulfide	ug/m3	<0.064	0.32	10/09/21 11:45	
Carbon tetrachloride	ug/m3	<0.14	0.64	10/09/21 11:45	
Chlorobenzene	ug/m3	<0.078	0.47	10/09/21 11:45	
Chloroethane	ug/m3	<0.11	0.27	10/09/21 11:45	
Chloroform	ug/m3	<0.092	0.25	10/09/21 11:45	
Chloromethane	ug/m3	<0.043	0.21	10/09/21 11:45	
cis-1,2-Dichloroethene	ug/m3	<0.098	0.40	10/09/21 11:45	
cis-1,3-Dichloropropene	ug/m3	<0.13	1.2	10/09/21 11:45	
Cyclohexane	ug/m3	<0.11	0.88	10/09/21 11:45	
Dibromochloromethane	ug/m3	<0.26	0.86	10/09/21 11:45	
Dichlorodifluoromethane	ug/m3	<0.094	0.50	10/09/21 11:45	
Dichlorotetrafluoroethane	ug/m3	<0.10	0.71	10/09/21 11:45	
Ethanol	ug/m3	<0.30	0.96	10/09/21 11:45	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Klismith Accounting

Pace Project No.: 10581523

METHOD BLANK: 4132058

Matrix: Air

Associated Lab Samples: 10581523001, 10581523002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.066	0.37	10/09/21 11:45	
Ethylbenzene	ug/m3	<0.15	0.44	10/09/21 11:45	
Hexachloro-1,3-butadiene	ug/m3	<0.62	2.7	10/09/21 11:45	
m&p-Xylene	ug/m3	<0.32	0.88	10/09/21 11:45	
Methyl-tert-butyl ether	ug/m3	<0.063	1.8	10/09/21 11:45	
Methylene Chloride	ug/m3	<0.30	1.8	10/09/21 11:45	
n-Heptane	ug/m3	<0.090	0.42	10/09/21 11:45	
n-Hexane	ug/m3	<0.096	0.36	10/09/21 11:45	
Naphthalene	ug/m3	<1.1	1.3	10/09/21 11:45	
o-Xylene	ug/m3	<0.14	0.44	10/09/21 11:45	
Propylene	ug/m3	<0.065	0.44	10/09/21 11:45	
Styrene	ug/m3	<0.19	0.43	10/09/21 11:45	
Tetrachloroethene	ug/m3	<0.15	0.34	10/09/21 11:45	
Tetrahydrofuran	ug/m3	<0.090	0.30	10/09/21 11:45	
Toluene	ug/m3	<0.12	0.38	10/09/21 11:45	
trans-1,2-Dichloroethene	ug/m3	<0.084	0.40	10/09/21 11:45	
trans-1,3-Dichloropropene	ug/m3	<0.27	1.2	10/09/21 11:45	
Trichloroethene	ug/m3	<0.098	0.27	10/09/21 11:45	
Trichlorofluoromethane	ug/m3	<0.12	0.57	10/09/21 11:45	
Vinyl acetate	ug/m3	<0.10	0.36	10/09/21 11:45	
Vinyl chloride	ug/m3	<0.043	0.13	10/09/21 11:45	

LABORATORY CONTROL SAMPLE: 4132059

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	66.5	112	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	75.4	91.2	121	70-132	
1,1,2-Trichloroethane	ug/m3	59.6	70.2	118	70-134	
1,1,2-Trichlorotrifluoroethane	ug/m3	83.6	91.1	109	70-130	
1,1-Dichloroethane	ug/m3	43.9	48.7	111	70-133	
1,1-Dichloroethene	ug/m3	43.5	47.9	110	70-130	
1,2,4-Trichlorobenzene	ug/m3	177	187	106	69-132	
1,2,4-Trimethylbenzene	ug/m3	54	61.0	113	70-142	
1,2-Dibromoethane (EDB)	ug/m3	82.5	101	123	70-138	
1,2-Dichlorobenzene	ug/m3	66.2	73.9	112	70-146	
1,2-Dichloroethane	ug/m3	44.4	49.3	111	70-132	
1,2-Dichloropropane	ug/m3	50.6	56.9	113	70-134	
1,3,5-Trimethylbenzene	ug/m3	53.7	60.4	113	70-143	
1,3-Butadiene	ug/m3	24.2	27.1	112	70-136	
1,3-Dichlorobenzene	ug/m3	66.3	73.4	111	70-145	
1,4-Dichlorobenzene	ug/m3	66.3	73.9	112	70-140	
2-Butanone (MEK)	ug/m3	32.3	36.5	113	50-139	
2-Hexanone	ug/m3	44.8	49.4	110	70-148	
2-Propanol	ug/m3	149	160	107	67-135	

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QUALITY CONTROL DATA

Project: Klismith Accounting

Pace Project No.: 10581523

LABORATORY CONTROL SAMPLE: 4132059

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	53.7	60.3	112	70-145	
4-Methyl-2-pentanone (MIBK)	ug/m3	44.9	56.6	126	70-139	
Acetone	ug/m3	128	132	103	64-130	
Benzene	ug/m3	34.8	39.3	113	70-131	
Benzyl chloride	ug/m3	57.6	61.9	107	70-130	
Bromodichloromethane	ug/m3	73.1	84.0	115	70-133	
Bromoform	ug/m3	114	124	109	70-137	
Bromomethane	ug/m3	42.5	47.8	112	64-134	
Carbon disulfide	ug/m3	34.4	38.9	113	70-131	
Carbon tetrachloride	ug/m3	69.4	78.4	113	70-131	
Chlorobenzene	ug/m3	50.2	59.1	118	70-130	
Chloroethane	ug/m3	28.8	32.2	112	69-141	
Chloroform	ug/m3	52.4	58.2	111	70-130	
Chloromethane	ug/m3	22.6	24.0	107	70-130	
cis-1,2-Dichloroethene	ug/m3	43.4	50.9	117	70-137	
cis-1,3-Dichloropropene	ug/m3	49.4	59.5	120	70-144	
Cyclohexane	ug/m3	37.4	45.1	120	70-137	
Dibromochloromethane	ug/m3	93.2	111	119	70-132	
Dichlorodifluoromethane	ug/m3	54.6	59.1	108	70-130	
Dichlorotetrafluoroethane	ug/m3	71.2	77.6	109	70-130	
Ethanol	ug/m3	124	134	108	63-133	
Ethyl acetate	ug/m3	38.9	44.9	115	70-136	
Ethylbenzene	ug/m3	47.8	53.9	113	70-142	
Hexachloro-1,3-butadiene	ug/m3	133	144	109	70-135	
m&p-Xylene	ug/m3	95.4	109	114	70-141	
Methyl-tert-butyl ether	ug/m3	39.6	45.5	115	70-143	
Methylene Chloride	ug/m3	190	208	109	70-130	
n-Heptane	ug/m3	44.6	51.4	115	70-137	
n-Hexane	ug/m3	38	43.7	115	70-135	
Naphthalene	ug/m3	65.2	69.0	106	67-132	
o-Xylene	ug/m3	47.6	58.5	123	70-141	
Propylene	ug/m3	18.9	19.7	104	70-130	
Styrene	ug/m3	47	52.6	112	70-142	
Tetrachloroethene	ug/m3	73.4	85.3	116	70-130	
Tetrahydrofuran	ug/m3	32.1	38.9	121	70-136	
Toluene	ug/m3	41.6	50.5	121	70-138	
trans-1,2-Dichloroethene	ug/m3	43.6	50.8	116	70-130	
trans-1,3-Dichloropropene	ug/m3	50.5	54.2	107	70-145	
Trichloroethene	ug/m3	58.4	67.6	116	70-130	
Trichlorofluoromethane	ug/m3	62	65.5	106	69-135	
Vinyl acetate	ug/m3	46.4	58.2	126	70-146	
Vinyl chloride	ug/m3	28	32.1	115	70-137	

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QUALITY CONTROL DATA

Project: Klismith Accounting

Pace Project No.: 10581523

SAMPLE DUPLICATE: 4132372

Parameter	Units	10581503002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.28	<0.28		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.55	<0.55		25	
1,1,2-Trichloroethane	ug/m3	<0.29	<0.29		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.55J	0.68J		25	
1,1-Dichloroethane	ug/m3	<0.25	<0.25		25	
1,1-Dichloroethene	ug/m3	<0.21	<0.21		25	
1,2,4-Trichlorobenzene	ug/m3	<7.3	<7.3		25	
1,2,4-Trimethylbenzene	ug/m3	0.90J	0.92J		25	
1,2-Dibromoethane (EDB)	ug/m3	<0.45	<0.45		25	
1,2-Dichlorobenzene	ug/m3	<0.60	<0.60		25	
1,2-Dichloroethane	ug/m3	<0.29	<0.29		25	
1,2-Dichloropropane	ug/m3	<0.40	<0.40		25	
1,3,5-Trimethylbenzene	ug/m3	<0.43	0.44J		25	
1,3-Butadiene	ug/m3	<0.18	<0.18		25	
1,3-Dichlorobenzene	ug/m3	<0.76	<0.76		25	
1,4-Dichlorobenzene	ug/m3	<1.3	<1.3		25	
2-Butanone (MEK)	ug/m3	6.4	6.9	7	25	
2-Hexanone	ug/m3	<0.66	<0.66		25	
2-Propanol	ug/m3	384	401	4	25	
4-Ethyltoluene	ug/m3	<0.70	<0.70		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	0.55J	0.56J		25	
Acetone	ug/m3	57.9	58.2	0	25	
Benzene	ug/m3	0.96	1.0	5	25	
Benzyl chloride	ug/m3	<1.3	<1.3		25	
Bromodichloromethane	ug/m3	<0.35	<0.35		25	
Bromoform	ug/m3	<2.4	<2.4		25	
Bromomethane	ug/m3	<0.22	<0.22		25	
Carbon disulfide	ug/m3	<0.19	<0.19		25	
Carbon tetrachloride	ug/m3	<0.42	<0.42		25	
Chlorobenzene	ug/m3	<0.23	<0.23		25	
Chloroethane	ug/m3	<0.33	<0.33		25	
Chloroform	ug/m3	<0.27	<0.27		25	
Chloromethane	ug/m3	0.94	0.93	1	25	
cis-1,2-Dichloroethene	ug/m3	<0.29	<0.29		25	
cis-1,3-Dichloropropene	ug/m3	<0.38	<0.38		25	
Cyclohexane	ug/m3	2.6J	2.7		25	
Dibromochloromethane	ug/m3	<0.77	<0.77		25	
Dichlorodifluoromethane	ug/m3	2.7	2.9	8	25	
Dichlorotetrafluoroethane	ug/m3	<0.30	<0.30		25	
Ethanol	ug/m3	187	192	3	25	
Ethyl acetate	ug/m3	18.1	18.2	0	25	
Ethylbenzene	ug/m3	0.86J	0.93J		25	
Hexachloro-1,3-butadiene	ug/m3	<1.8	<1.8		25	
m&p-Xylene	ug/m3	3.0	3.1	4	25	
Methyl-tert-butyl ether	ug/m3	<0.19	<0.19		25	
Methylene Chloride	ug/m3	7.4	7.7	4	25	
n-Heptane	ug/m3	3.5	3.6	2	25	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Klismith Accounting

Pace Project No.: 10581523

SAMPLE DUPLICATE: 4132372

Parameter	Units	10581503002 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	3.1	3.3	5	25	
Naphthalene	ug/m3	<3.2	<3.2		25	
o-Xylene	ug/m3	1.0J	1.1J		25	
Propylene	ug/m3	3.5	<0.19		25	
Styrene	ug/m3	0.91J	0.95J		25	
Tetrachloroethene	ug/m3	1.0	1.1	3	25	
Tetrahydrofuran	ug/m3	1.6	1.6	1	25	
Toluene	ug/m3	6.7	6.7	1	25	
trans-1,2-Dichloroethene	ug/m3	1.1J	1.2J		25	
trans-1,3-Dichloropropene	ug/m3	<0.81	<0.81		25	
Trichloroethene	ug/m3	<0.29	<0.29		25	
Trichlorofluoromethane	ug/m3	1.5J	1.6J		25	
Vinyl acetate	ug/m3	<0.31	<0.31		25	
Vinyl chloride	ug/m3	<0.13	<0.13		25	

SAMPLE DUPLICATE: 4132373

Parameter	Units	10581523001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	0.38J	0.40J		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.54	<0.54		25	
1,1,2-Trichloroethane	ug/m3	<0.28	<0.28		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.95J	0.93J		25	
1,1-Dichloroethane	ug/m3	<0.24	<0.24		25	
1,1-Dichloroethene	ug/m3	<0.20	<0.20		25	
1,2,4-Trichlorobenzene	ug/m3	<7.0	<7.0		25	
1,2,4-Trimethylbenzene	ug/m3	3.7	3.8	1	25	
1,2-Dibromoethane (EDB)	ug/m3	<0.43	<0.43		25	
1,2-Dichlorobenzene	ug/m3	0.84J	0.84J		25	
1,2-Dichloroethane	ug/m3	<0.28	<0.28		25	
1,2-Dichloropropane	ug/m3	<0.39	<0.39		25	
1,3,5-Trimethylbenzene	ug/m3	1.2J	1.2J		25	
1,3-Butadiene	ug/m3	<0.17	<0.17		25	
1,3-Dichlorobenzene	ug/m3	2.0J	2.1J		25	
1,4-Dichlorobenzene	ug/m3	1.5J	1.6J		25	
2-Butanone (MEK)	ug/m3	6.6	6.5	2	25	
2-Hexanone	ug/m3	1.6J	1.7J		25	
2-Propanol	ug/m3	12.0	10.5	13	25	
4-Ethyltoluene	ug/m3	1.4J	1.4J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	1.4J	1.6J		25	
Acetone	ug/m3	36.5	37.3	2	25	
Benzene	ug/m3	0.34J	0.37J		25	
Benzyl chloride	ug/m3	<1.3	<1.3		25	
Bromodichloromethane	ug/m3	<0.34	<0.34		25	
Bromoform	ug/m3	<2.3	<2.3		25	
Bromomethane	ug/m3	<0.22	<0.22		25	

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QUALITY CONTROL DATA

Project: Klismith Accounting

Pace Project No.: 10581523

SAMPLE DUPLICATE: 4132373

Parameter	Units	10581523001 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	<0.19	<0.19		25	
Carbon tetrachloride	ug/m3	0.46J	0.46J		25	
Chlorobenzene	ug/m3	<0.22	<0.22		25	
Chloroethane	ug/m3	<0.32	<0.32		25	
Chloroform	ug/m3	<0.26	<0.26		25	
Chloromethane	ug/m3	<0.12	<0.12		25	
cis-1,2-Dichloroethene	ug/m3	<0.28	<0.28		25	
cis-1,3-Dichloropropene	ug/m3	<0.37	<0.37		25	
Cyclohexane	ug/m3	0.38J	0.39J		25	
Dibromochloromethane	ug/m3	<0.74	<0.74		25	
Dichlorodifluoromethane	ug/m3	2.8	2.9	2	25	
Dichlorotetrafluoroethane	ug/m3	<0.29	<0.29		25	
Ethanol	ug/m3	68.3	72.8	6	25	
Ethyl acetate	ug/m3	<0.19	<0.19		25	
Ethylbenzene	ug/m3	2.9	2.9	1	25	
Hexachloro-1,3-butadiene	ug/m3	<1.8	<1.8		25	
m&p-Xylene	ug/m3	10.4	10.7	3	25	
Methyl-tert-butyl ether	ug/m3	<0.18	<0.18		25	
Methylene Chloride	ug/m3	<0.85	<0.85		25	
n-Heptane	ug/m3	0.49J	0.64J		25	
n-Hexane	ug/m3	1.3	0.34J		25	
Naphthalene	ug/m3	3.7J	3.8J		25	
o-Xylene	ug/m3	5.3	5.5	3	25	
Propylene	ug/m3	0.24J	<0.19		25	
Styrene	ug/m3	10.0	10.3	2	25	
Tetrachloroethene	ug/m3	39.6	39.6	0	25	
Tetrahydrofuran	ug/m3	0.81J	0.87		25	
Toluene	ug/m3	130	134	3	25	
trans-1,2-Dichloroethene	ug/m3	<0.24	<0.24		25	
trans-1,3-Dichloropropene	ug/m3	<0.78	<0.78		25	
Trichloroethene	ug/m3	<0.28	<0.28		25	
Trichlorofluoromethane	ug/m3	1.5J	1.5J		25	
Vinyl acetate	ug/m3	<0.30	<0.30		25	
Vinyl chloride	ug/m3	<0.12	<0.12		25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Klismith Accounting

Pace Project No.: 10581523

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Klismith Accounting

Pace Project No.: 10581523

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10581523001	SSV 201	TO-15	775725		
10581523002	SSV 202	TO-15	775725		

REPORT OF LABORATORY ANALYSIS

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WO#: 10581523



10581523

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

51899

Page: 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	Program <input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other
Company: Sand County Environmental Address: 151 Mill St. Amherst WI 54406 Email To: pete.amtson@sandcountyenv.com Phone: 715-824-5761 Requested Due Date/TAT:	Report To: Pete Amtsen Copy To: Purchase Order No.: Project Name: Klismith Accounting Project Number:	Attention: Pete Amtsen Company Name: Sand County Environmental Address: Pace Quote Reference: Pace Project Manager/Sales Rep. Pace Profile #:	Reporting Units ug/m ³ mg/m ³ PPBV PPMV Other Report Level II. III. IV. Other

ITEM #	Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10	MEDIA CODE	PID Reading (Client only)	COLLECTED				Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method:								Pace Lab ID		
					COMPOSITE START		COMPOSITE - END/GRAB						PM10	3C - Fixed Gas (%)	TO-3 BTEX	TO-3M (Methane)	TO-14	TO-15 Full List VOCs	TO-15 Short List BTEX	TO-15 Short List Chlorinated			
					DATE	TIME	DATE	TIME															
1	SSV 201		6LC0.3	9/25/21	9:25	9/25/21	10:08	-30	-2	0668	1185									X		001	
2	SSV 202		6LC0.3	9/25/21	9:05	9/25/21	9:48	-30	-2	1036	3138											X	002

Comments :	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS							
	<i>[Signature]</i>	9/28	4:50	<i>[Signature]</i>	10/21	1100	Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact	Y/N	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Lars Smith

SIGNATURE of SAMPLER: *[Signature]*

DATE Signed (MM / DD / YY) 9/28/21

ORIGINAL

Page 19 of 20



Document Name: Sample Condition Upon Receipt (SCUR) - Air

Document Revised: 24Mar2020

Page 1 of 1

Document No.: ENV-FRM-MIN4-0113 Rev.00

Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt

Client Name: Sand County Enviro.

Project #:

WO#: 10581523

PM: KNH

Due Date: 10/11/21

CLIENT: Sand Creek

Courier: [x] Fed Ex [] UPS [] USPS [] Client [] Pace [] SpeedDee [] Commercial See Exception []

Tracking Number: 9753 3445 9210

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

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

Temp. (TO17 and TO13 samples only) (°C): [x] Corrected Temp (°C): [x] Thermometer Used: [] G87A9170600254 [] G87A9155100842

Temp should be above freezing to 6°C Correction Factor: [x] Date & Initials of Person Examining Contents: [Signature]

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

Comments:

Table with 13 rows of questions and checkboxes regarding chain of custody, sample handling, and container integrity.

Gauge # [] 10AIR26 [x] 10AIR34 [] 10AIR35 [] 4097

Table with columns for Sample Number, Can ID, Flow Controller, Initial Pressure, and Final Pressure for two samples (201 and 202).

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? [] Yes [] No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: [Signature]

Date: 10/5/21

October 14, 2021

Pete Arntsen
SAND COUNTY ENVIRONMENTAL, INC.
151 Mill Street
Amherst, WI 54406

RE: Project: KLISMITH ACCOUNTING
Pace Project No.: 40234687

Dear Pete Arntsen:

Enclosed are the analytical results for sample(s) received by the laboratory on October 07, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40234687001	MW-1	Water	10/04/21 17:45	10/07/21 08:50
40234687002	PZ-1	Water	10/04/21 17:05	10/07/21 08:50
40234687003	MW-700	Water	10/01/21 10:00	10/07/21 08:50
40234687004	PZ-900	Water	10/01/21 10:15	10/07/21 08:50
40234687005	VILLAGE WELL 1	Water	10/01/21 10:30	10/07/21 08:50
40234687006	VILLAGE WELL 2	Water	10/01/21 10:40	10/07/21 08:50
40234687007	TRIP BLANK	Water	10/01/21 00:00	10/07/21 08:50

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SAMPLE ANALYTE COUNT

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40234687001	MW-1	EPA 8260	LAP	63
40234687002	PZ-1	EPA 8260	LAP	63
40234687003	MW-700	EPA 8260	LAP	63
40234687004	PZ-900	EPA 8260	LAP	63
40234687005	VILLAGE WELL 1	EPA 8260	LAP	63
40234687006	VILLAGE WELL 2	EPA 8260	LAP	63
40234687007	TRIP BLANK	EPA 8260	LAP	63

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40234687001	MW-1					
EPA 8260	Tetrachloroethene	1.0	ug/L	1.0	10/12/21 19:52	
40234687003	MW-700					
EPA 8260	1,2,4-Trimethylbenzene	1.0	ug/L	1.0	10/12/21 20:31	
EPA 8260	Ethylbenzene	2.8	ug/L	1.0	10/12/21 20:31	
EPA 8260	Isopropylbenzene (Cumene)	1.1J	ug/L	5.0	10/12/21 20:31	
EPA 8260	n-Propylbenzene	1.0	ug/L	1.0	10/12/21 20:31	
EPA 8260	sec-Butylbenzene	0.47J	ug/L	1.0	10/12/21 20:31	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: MW-1 Lab ID: 40234687001 Collected: 10/04/21 17:45 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/12/21 19:52	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 19:52	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/12/21 19:52	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/12/21 19:52	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 19:52	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/12/21 19:52	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/12/21 19:52	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/12/21 19:52	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/12/21 19:52	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/12/21 19:52	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/12/21 19:52	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/12/21 19:52	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/12/21 19:52	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 19:52	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/12/21 19:52	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/12/21 19:52	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 19:52	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 19:52	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/12/21 19:52	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/12/21 19:52	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/12/21 19:52	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 19:52	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 19:52	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		10/12/21 19:52	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 19:52	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/12/21 19:52	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 19:52	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/12/21 19:52	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/12/21 19:52	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/12/21 19:52	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 19:52	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/12/21 19:52	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/12/21 19:52	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/12/21 19:52	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/12/21 19:52	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/12/21 19:52	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/12/21 19:52	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 19:52	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 19:52	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/12/21 19:52	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/12/21 19:52	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 19:52	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/12/21 19:52	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/12/21 19:52	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		10/12/21 19:52	100-42-5	

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: MW-1 **Lab ID: 40234687001** Collected: 10/04/21 17:45 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	1.0	ug/L	1.0	0.41	1		10/12/21 19:52	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/12/21 19:52	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/12/21 19:52	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 19:52	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/12/21 19:52	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/12/21 19:52	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/12/21 19:52	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/12/21 19:52	10061-01-5	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 19:52	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 19:52	103-65-1	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/12/21 19:52	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/12/21 19:52	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/12/21 19:52	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/12/21 19:52	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/12/21 19:52	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/12/21 19:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/12/21 19:52	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/12/21 19:52	2037-26-5	

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: PZ-1 **Lab ID: 40234687002** Collected: 10/04/21 17:05 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/12/21 20:11	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 20:11	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/12/21 20:11	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/12/21 20:11	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 20:11	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/12/21 20:11	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/12/21 20:11	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/12/21 20:11	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/12/21 20:11	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/12/21 20:11	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/12/21 20:11	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/12/21 20:11	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/12/21 20:11	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 20:11	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/12/21 20:11	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/12/21 20:11	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 20:11	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 20:11	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/12/21 20:11	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/12/21 20:11	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/12/21 20:11	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 20:11	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 20:11	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		10/12/21 20:11	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 20:11	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/12/21 20:11	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 20:11	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/12/21 20:11	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/12/21 20:11	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/12/21 20:11	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 20:11	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/12/21 20:11	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/12/21 20:11	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/12/21 20:11	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/12/21 20:11	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/12/21 20:11	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/12/21 20:11	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 20:11	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 20:11	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/12/21 20:11	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/12/21 20:11	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 20:11	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/12/21 20:11	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/12/21 20:11	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		10/12/21 20:11	100-42-5	

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: PZ-1 **Lab ID: 40234687002** Collected: 10/04/21 17:05 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/12/21 20:11	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/12/21 20:11	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/12/21 20:11	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 20:11	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/12/21 20:11	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/12/21 20:11	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/12/21 20:11	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/12/21 20:11	10061-01-5	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 20:11	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 20:11	103-65-1	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/12/21 20:11	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/12/21 20:11	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/12/21 20:11	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/12/21 20:11	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/12/21 20:11	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/12/21 20:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/12/21 20:11	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		10/12/21 20:11	2037-26-5	

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: MW-700 **Lab ID: 40234687003** Collected: 10/01/21 10:00 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/12/21 20:31	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 20:31	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/12/21 20:31	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/12/21 20:31	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 20:31	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/12/21 20:31	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/12/21 20:31	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/12/21 20:31	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/12/21 20:31	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/12/21 20:31	120-82-1	
1,2,4-Trimethylbenzene	1.0	ug/L	1.0	0.45	1		10/12/21 20:31	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/12/21 20:31	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/12/21 20:31	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 20:31	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/12/21 20:31	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/12/21 20:31	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 20:31	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 20:31	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/12/21 20:31	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/12/21 20:31	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/12/21 20:31	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 20:31	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 20:31	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		10/12/21 20:31	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 20:31	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/12/21 20:31	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 20:31	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/12/21 20:31	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/12/21 20:31	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/12/21 20:31	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 20:31	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/12/21 20:31	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/12/21 20:31	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/12/21 20:31	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/12/21 20:31	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/12/21 20:31	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/12/21 20:31	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 20:31	108-20-3	
Ethylbenzene	2.8	ug/L	1.0	0.33	1		10/12/21 20:31	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/12/21 20:31	87-68-3	
Isopropylbenzene (Cumene)	1.1J	ug/L	5.0	1.0	1		10/12/21 20:31	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 20:31	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/12/21 20:31	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/12/21 20:31	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		10/12/21 20:31	100-42-5	

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: MW-700 **Lab ID: 40234687003** Collected: 10/01/21 10:00 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/12/21 20:31	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/12/21 20:31	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/12/21 20:31	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 20:31	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/12/21 20:31	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/12/21 20:31	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/12/21 20:31	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/12/21 20:31	10061-01-5	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 20:31	104-51-8	
n-Propylbenzene	1.0	ug/L	1.0	0.35	1		10/12/21 20:31	103-65-1	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/12/21 20:31	99-87-6	
sec-Butylbenzene	0.47J	ug/L	1.0	0.42	1		10/12/21 20:31	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/12/21 20:31	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/12/21 20:31	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/12/21 20:31	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/12/21 20:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/12/21 20:31	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/12/21 20:31	2037-26-5	

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: PZ-900 **Lab ID: 40234687004** Collected: 10/01/21 10:15 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/12/21 20:51	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 20:51	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/12/21 20:51	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/12/21 20:51	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 20:51	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/12/21 20:51	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/12/21 20:51	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/12/21 20:51	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/12/21 20:51	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/12/21 20:51	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/12/21 20:51	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/12/21 20:51	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/12/21 20:51	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 20:51	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/12/21 20:51	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/12/21 20:51	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 20:51	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 20:51	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/12/21 20:51	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/12/21 20:51	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/12/21 20:51	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 20:51	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 20:51	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		10/12/21 20:51	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 20:51	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/12/21 20:51	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 20:51	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/12/21 20:51	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/12/21 20:51	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/12/21 20:51	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 20:51	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/12/21 20:51	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/12/21 20:51	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/12/21 20:51	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/12/21 20:51	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/12/21 20:51	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/12/21 20:51	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 20:51	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 20:51	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/12/21 20:51	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/12/21 20:51	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 20:51	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/12/21 20:51	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/12/21 20:51	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		10/12/21 20:51	100-42-5	

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING
Pace Project No.: 40234687

Sample: PZ-900 **Lab ID: 40234687004** Collected: 10/01/21 10:15 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/12/21 20:51	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/12/21 20:51	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/12/21 20:51	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 20:51	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/12/21 20:51	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/12/21 20:51	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/12/21 20:51	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/12/21 20:51	10061-01-5	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 20:51	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 20:51	103-65-1	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/12/21 20:51	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/12/21 20:51	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/12/21 20:51	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/12/21 20:51	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/12/21 20:51	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/12/21 20:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/12/21 20:51	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/12/21 20:51	2037-26-5	

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: VILLAGE WELL 1 Lab ID: 40234687005 Collected: 10/01/21 10:30 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/12/21 21:10	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 21:10	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/12/21 21:10	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/12/21 21:10	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 21:10	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/12/21 21:10	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/12/21 21:10	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/12/21 21:10	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/12/21 21:10	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/12/21 21:10	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/12/21 21:10	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/12/21 21:10	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/12/21 21:10	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 21:10	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/12/21 21:10	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/12/21 21:10	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 21:10	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 21:10	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/12/21 21:10	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/12/21 21:10	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/12/21 21:10	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 21:10	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 21:10	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		10/12/21 21:10	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 21:10	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/12/21 21:10	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 21:10	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/12/21 21:10	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/12/21 21:10	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/12/21 21:10	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 21:10	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/12/21 21:10	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/12/21 21:10	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/12/21 21:10	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/12/21 21:10	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/12/21 21:10	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/12/21 21:10	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 21:10	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 21:10	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/12/21 21:10	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/12/21 21:10	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 21:10	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/12/21 21:10	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/12/21 21:10	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		10/12/21 21:10	100-42-5	

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: VILLAGE WELL 1 **Lab ID: 40234687005** Collected: 10/01/21 10:30 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/12/21 21:10	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/12/21 21:10	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/12/21 21:10	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 21:10	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/12/21 21:10	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/12/21 21:10	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/12/21 21:10	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/12/21 21:10	10061-01-5	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 21:10	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 21:10	103-65-1	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/12/21 21:10	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/12/21 21:10	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/12/21 21:10	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/12/21 21:10	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/12/21 21:10	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/12/21 21:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/12/21 21:10	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/12/21 21:10	2037-26-5	

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: VILLAGE WELL 2 **Lab ID: 40234687006** Collected: 10/01/21 10:40 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/12/21 21:30	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 21:30	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/12/21 21:30	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/12/21 21:30	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 21:30	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/12/21 21:30	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/12/21 21:30	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/12/21 21:30	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/12/21 21:30	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/12/21 21:30	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/12/21 21:30	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/12/21 21:30	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/12/21 21:30	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 21:30	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/12/21 21:30	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/12/21 21:30	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 21:30	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 21:30	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/12/21 21:30	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/12/21 21:30	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/12/21 21:30	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 21:30	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 21:30	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		10/12/21 21:30	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 21:30	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/12/21 21:30	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 21:30	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/12/21 21:30	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/12/21 21:30	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/12/21 21:30	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 21:30	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/12/21 21:30	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/12/21 21:30	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/12/21 21:30	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/12/21 21:30	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/12/21 21:30	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/12/21 21:30	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 21:30	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 21:30	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/12/21 21:30	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/12/21 21:30	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 21:30	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/12/21 21:30	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/12/21 21:30	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		10/12/21 21:30	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: VILLAGE WELL 2 **Lab ID: 40234687006** Collected: 10/01/21 10:40 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/12/21 21:30	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/12/21 21:30	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/12/21 21:30	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 21:30	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/12/21 21:30	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/12/21 21:30	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/12/21 21:30	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/12/21 21:30	10061-01-5	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 21:30	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 21:30	103-65-1	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/12/21 21:30	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/12/21 21:30	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/12/21 21:30	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/12/21 21:30	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/12/21 21:30	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		10/12/21 21:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/12/21 21:30	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/12/21 21:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: TRIP BLANK Lab ID: 40234687007 Collected: 10/01/21 00:00 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/12/21 19:12	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 19:12	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/12/21 19:12	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		10/12/21 19:12	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/12/21 19:12	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/12/21 19:12	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/12/21 19:12	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/12/21 19:12	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		10/12/21 19:12	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/12/21 19:12	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/12/21 19:12	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/12/21 19:12	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/12/21 19:12	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 19:12	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/12/21 19:12	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/12/21 19:12	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 19:12	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 19:12	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/12/21 19:12	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/12/21 19:12	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		10/12/21 19:12	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 19:12	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/12/21 19:12	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		10/12/21 19:12	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/12/21 19:12	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		10/12/21 19:12	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 19:12	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		10/12/21 19:12	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/12/21 19:12	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/12/21 19:12	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 19:12	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/12/21 19:12	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		10/12/21 19:12	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/12/21 19:12	74-87-3	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/12/21 19:12	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/12/21 19:12	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/12/21 19:12	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 19:12	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/12/21 19:12	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/12/21 19:12	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/12/21 19:12	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/12/21 19:12	1634-04-4	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/12/21 19:12	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		10/12/21 19:12	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		10/12/21 19:12	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Sample: TRIP BLANK **Lab ID: 40234687007** Collected: 10/01/21 00:00 Received: 10/07/21 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/12/21 19:12	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/12/21 19:12	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/12/21 19:12	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/12/21 19:12	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/12/21 19:12	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/12/21 19:12	1330-20-7	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/12/21 19:12	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		10/12/21 19:12	10061-01-5	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/12/21 19:12	104-51-8	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/12/21 19:12	103-65-1	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/12/21 19:12	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/12/21 19:12	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/12/21 19:12	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/12/21 19:12	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		10/12/21 19:12	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		10/12/21 19:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/12/21 19:12	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/12/21 19:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

QC Batch: 397921

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40234687001, 40234687002, 40234687003, 40234687004, 40234687005, 40234687006, 40234687007

METHOD BLANK: 2297053

Matrix: Water

Associated Lab Samples: 40234687001, 40234687002, 40234687003, 40234687004, 40234687005, 40234687006, 40234687007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	10/12/21 17:13	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	10/12/21 17:13	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	10/12/21 17:13	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	10/12/21 17:13	
1,1-Dichloroethane	ug/L	<0.30	1.0	10/12/21 17:13	
1,1-Dichloroethene	ug/L	<0.58	1.0	10/12/21 17:13	
1,1-Dichloropropene	ug/L	<0.41	1.0	10/12/21 17:13	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	10/12/21 17:13	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	10/12/21 17:13	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/12/21 17:13	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	10/12/21 17:13	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	10/12/21 17:13	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	10/12/21 17:13	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	10/12/21 17:13	
1,2-Dichloroethane	ug/L	<0.29	1.0	10/12/21 17:13	
1,2-Dichloropropane	ug/L	<0.45	1.0	10/12/21 17:13	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	10/12/21 17:13	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	10/12/21 17:13	
1,3-Dichloropropane	ug/L	<0.30	1.0	10/12/21 17:13	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	10/12/21 17:13	
2,2-Dichloropropane	ug/L	<4.2	5.0	10/12/21 17:13	
2-Chlorotoluene	ug/L	<0.89	5.0	10/12/21 17:13	
4-Chlorotoluene	ug/L	<0.89	5.0	10/12/21 17:13	
Benzene	ug/L	<0.30	1.0	10/12/21 17:13	
Bromobenzene	ug/L	<0.36	1.0	10/12/21 17:13	
Bromochloromethane	ug/L	<0.36	5.0	10/12/21 17:13	
Bromodichloromethane	ug/L	<0.42	1.0	10/12/21 17:13	
Bromoform	ug/L	<3.8	5.0	10/12/21 17:13	
Bromomethane	ug/L	<1.2	5.0	10/12/21 17:13	
Carbon tetrachloride	ug/L	<0.37	1.0	10/12/21 17:13	
Chlorobenzene	ug/L	<0.86	1.0	10/12/21 17:13	
Chloroethane	ug/L	<1.4	5.0	10/12/21 17:13	
Chloroform	ug/L	<1.2	5.0	10/12/21 17:13	
Chloromethane	ug/L	<1.6	5.0	10/12/21 17:13	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	10/12/21 17:13	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	10/12/21 17:13	
Dibromochloromethane	ug/L	<2.6	5.0	10/12/21 17:13	
Dibromomethane	ug/L	<0.99	5.0	10/12/21 17:13	
Dichlorodifluoromethane	ug/L	<0.46	5.0	10/12/21 17:13	
Diisopropyl ether	ug/L	<1.1	5.0	10/12/21 17:13	

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QUALITY CONTROL DATA

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

METHOD BLANK: 2297053

Matrix: Water

Associated Lab Samples: 40234687001, 40234687002, 40234687003, 40234687004, 40234687005, 40234687006, 40234687007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	10/12/21 17:13	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	10/12/21 17:13	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	10/12/21 17:13	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	10/12/21 17:13	
Methylene Chloride	ug/L	<0.32	5.0	10/12/21 17:13	
n-Butylbenzene	ug/L	<0.86	1.0	10/12/21 17:13	
n-Propylbenzene	ug/L	<0.35	1.0	10/12/21 17:13	
Naphthalene	ug/L	<1.1	5.0	10/12/21 17:13	
p-Isopropyltoluene	ug/L	<1.0	5.0	10/12/21 17:13	
sec-Butylbenzene	ug/L	<0.42	1.0	10/12/21 17:13	
Styrene	ug/L	<0.36	1.0	10/12/21 17:13	
tert-Butylbenzene	ug/L	<0.59	1.0	10/12/21 17:13	
Tetrachloroethene	ug/L	<0.41	1.0	10/12/21 17:13	
Toluene	ug/L	<0.29	1.0	10/12/21 17:13	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/12/21 17:13	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	10/12/21 17:13	
Trichloroethene	ug/L	<0.32	1.0	10/12/21 17:13	
Trichlorofluoromethane	ug/L	<0.42	1.0	10/12/21 17:13	
Vinyl chloride	ug/L	<0.17	1.0	10/12/21 17:13	
Xylene (Total)	ug/L	<1.0	3.0	10/12/21 17:13	
1,2-Dichlorobenzene-d4 (S)	%	105	70-130	10/12/21 17:13	
4-Bromofluorobenzene (S)	%	101	70-130	10/12/21 17:13	
Toluene-d8 (S)	%	100	70-130	10/12/21 17:13	

LABORATORY CONTROL SAMPLE: 2297054

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.0	106	70-130	
1,1,1,2-Tetrachloroethane	ug/L	50	49.2	98	66-130	
1,1,2-Trichloroethane	ug/L	50	52.8	106	70-130	
1,1-Dichloroethane	ug/L	50	52.9	106	68-132	
1,1-Dichloroethene	ug/L	50	50.5	101	85-126	
1,2,4-Trichlorobenzene	ug/L	50	44.4	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	43.2	86	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	49.2	98	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	49.9	100	70-130	
1,2-Dichloropropane	ug/L	50	50.7	101	78-125	
1,3-Dichlorobenzene	ug/L	50	48.1	96	70-130	
1,4-Dichlorobenzene	ug/L	50	49.6	99	70-130	
Benzene	ug/L	50	52.2	104	70-132	
Bromodichloromethane	ug/L	50	50.1	100	70-130	
Bromoform	ug/L	50	48.8	98	65-130	
Bromomethane	ug/L	50	36.0	72	44-128	

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QUALITY CONTROL DATA

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

LABORATORY CONTROL SAMPLE: 2297054

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	56.2	112	70-130	
Chlorobenzene	ug/L	50	51.3	103	70-130	
Chloroethane	ug/L	50	51.2	102	73-137	
Chloroform	ug/L	50	52.6	105	80-122	
Chloromethane	ug/L	50	41.2	82	27-148	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.7	97	70-130	
Dibromochloromethane	ug/L	50	49.3	99	70-130	
Dichlorodifluoromethane	ug/L	50	30.1	60	22-151	
Ethylbenzene	ug/L	50	53.5	107	80-123	
Isopropylbenzene (Cumene)	ug/L	50	55.7	111	70-130	
Methyl-tert-butyl ether	ug/L	50	47.3	95	66-130	
Methylene Chloride	ug/L	50	49.6	99	70-130	
Styrene	ug/L	50	55.7	111	70-130	
Tetrachloroethene	ug/L	50	49.2	98	70-130	
Toluene	ug/L	50	51.7	103	80-121	
trans-1,2-Dichloroethene	ug/L	50	51.6	103	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	58-125	
Trichloroethene	ug/L	50	51.2	102	70-130	
Trichlorofluoromethane	ug/L	50	47.4	95	84-148	
Vinyl chloride	ug/L	50	48.1	96	63-142	
Xylene (Total)	ug/L	150	160	107	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2298102 2298103

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40234619001 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	56.8	57.6	114	115	70-130	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	54.5	55.3	109	111	66-130	1	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	56.7	56.9	113	114	70-130	0	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	56.9	57.8	114	116	68-132	2	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	54.9	55.1	110	110	76-132	0	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.7	47.9	91	96	70-130	5	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	49.3	49.2	99	98	51-126	0	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	54.7	55.1	109	110	70-130	1	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	53.6	54.6	107	109	70-130	2	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	53.8	55.3	108	111	70-130	3	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	56.3	57.1	113	114	77-125	1	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	50.9	52.3	102	105	70-130	3	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	52.5	54.1	105	108	70-130	3	20		
Benzene	ug/L	<0.30	50	50	56.6	57.4	113	115	70-132	1	20		

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: KLISMITH ACCOUNTING
Pace Project No.: 40234687

Parameter	Units	2298102		2298103		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40234619001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Bromodichloromethane	ug/L	<0.42	50	50	53.3	54.0	107	108	70-130	1	20		
Bromoform	ug/L	<3.8	50	50	54.1	54.2	108	108	65-130	0	20		
Bromomethane	ug/L	<1.2	50	50	46.0	48.1	92	96	44-128	5	21		
Carbon tetrachloride	ug/L	<0.37	50	50	59.3	60.7	119	121	70-132	2	20		
Chlorobenzene	ug/L	<0.86	50	50	55.5	55.8	111	112	70-130	1	20		
Chloroethane	ug/L	<1.4	50	50	57.0	57.6	114	115	70-137	1	20		
Chloroform	ug/L	<1.2	50	50	56.3	57.4	113	115	80-122	2	20		
Chloromethane	ug/L	<1.6	50	50	50.8	51.6	102	103	17-149	2	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.7	53.6	105	107	70-130	2	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	51.8	53.2	104	106	70-130	3	20		
Dibromochloromethane	ug/L	<2.6	50	50	54.4	54.8	109	110	70-130	1	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	36.6	37.8	73	76	22-158	3	20		
Ethylbenzene	ug/L	<0.33	50	50	58.1	59.0	116	118	80-123	2	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	59.1	59.9	118	120	70-130	1	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	53.5	54.1	107	108	66-130	1	20		
Methylene Chloride	ug/L	<0.32	50	50	53.5	53.9	107	108	70-130	1	20		
Styrene	ug/L	<0.36	50	50	60.2	60.3	120	121	70-130	0	20		
Tetrachloroethene	ug/L	<0.41	50	50	51.4	51.9	103	104	70-130	1	20		
Toluene	ug/L	<0.29	50	50	56.0	56.7	112	113	80-121	1	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	54.7	56.0	109	112	70-134	2	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	52.6	53.8	105	108	58-130	2	20		
Trichloroethene	ug/L	<0.32	50	50	55.1	56.2	110	112	70-130	2	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	54.9	52.4	110	105	82-151	5	20		
Vinyl chloride	ug/L	<0.17	50	50	56.0	56.8	112	114	61-143	1	20		
Xylene (Total)	ug/L	<1.0	150	150	170	172	114	115	70-130	1	20		
1,2-Dichlorobenzene-d4 (S)	%						100	99	70-130				
4-Bromofluorobenzene (S)	%						102	104	70-130				
Toluene-d8 (S)	%						101	101	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: KLISMITH ACCOUNTING

Pace Project No.: 40234687

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40234687001	MW-1	EPA 8260	397921		
40234687002	PZ-1	EPA 8260	397921		
40234687003	MW-700	EPA 8260	397921		
40234687004	PZ-900	EPA 8260	397921		
40234687005	VILLAGE WELL 1	EPA 8260	397921		
40234687006	VILLAGE WELL 2	EPA 8260	397921		
40234687007	TRIP BLANK	EPA 8260	397921		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Sand County Environmental
 Branch/Location: Amherst
 Project Contact: Pete Arntsen
 Phone: 715-824-5169
 Project Number:
 Project Name: Klismith Accounting
 Project State: WI
 Sampled By (Print): Lars Smith
 Sampled By (Sign): *Lars Smith*
 PO #:
 Regulatory Program:



UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

40234687

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

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	N																			

Analyses Requested

Pick Letter

VOC

Quote #: **40234687**

Mail To Contact: *Pete Arntsen*

Mail To Company: *Sand County Env*

Mail To Address: *pete.arntsen@sandcountyeuv.com*

Invoice To Contact: *Same as above*

Invoice To Company:

Invoice To Address:

Invoice To Phone:

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #

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		MATRIX	Y/N	Pick Letter	Analyses Requested
		DATE	TIME				
001	mw-1	10/4/21	17:45	GW		X	
002	P2-1	10/4/21	17:05			X	
003	mw-700	10/1/21	10:00			X	
004	P2-900	10/1/21	10:15			X	
005	Village Well 1	10/1/21	10:30			X	
006	Village Well 2	10/1/21	10:40			X	
007	trip blank						

10/17/21

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <i>Jam Smith</i> Date/Time: <i>10/6/21 9:00</i>	Received By:	Date/Time:	PACE Project No. 40234687 Receipt Temp = <i>4.0</i> Sample Receipt pH OK / Adjusted Cooler Custody Seal Present / Not Present Intact / Not Intact
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: <i>Walter</i> Date/Time: <i>10/7/21 850</i>	Received By: <i>Vernon Colman</i> Date/Time: <i>10/7/21 850</i>	Date/Time:	
Email #1:	Relinquished By:	Received By:	Date/Time:	
Email #2:	Relinquished By:	Received By:	Date/Time:	
Telephone:	Relinquished By:	Received By:	Date/Time:	
Fax:	Relinquished By:	Received By:	Date/Time:	
Samples on HOLD are subject to special pricing and release of liability	Relinquished By:	Received By:	Date/Time:	

Sample Preservation Receipt Form

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

Client Name: Send

Project # 0234687

All containers needing preservation have been checked and noted below: Yes No N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/Time:

Pace Lab #	Glass					Plastic					Vials				Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U								WGFU	WPFU	SP5T	ZPLC
001																																2.5 / 5 / 10
002																																2.5 / 5 / 10
003																																2.5 / 5 / 10
004																																2.5 / 5 / 10
005																																2.5 / 5 / 10
006																																2.5 / 5 / 10
007																																2.5 / 5 / 10
008																																2.5 / 5 / 10
009																																2.5 / 5 / 10
010																																2.5 / 5 / 10
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016																																2.5 / 5 / 10
017																																2.5 / 5 / 10
018																																2.5 / 5 / 10
019																																2.5 / 5 / 10
020																																2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : Yes No N/A *If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			

Sample Condition Upon Receipt Form (SCUR)

Client Name: Sand County
Courier: CS Logistics Fed Ex Speedee UPS Waltco
 Client Pace Other

Project #:

WO#: 40234687



Tracking #: 2989591-1
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: SR - 90 **Type of Ice:** Wet Blue Dry None
Cooler Temperature: Uncorr: 5.0 / Corr: 4.5
Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no

Samples on ice, cooling process has begun

Person examining contents:
Date: 10/7/21 **Initials:** VC
Labeled By Initials: WC

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>no proj# 10/7/21 VC</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>no invoice for 10/7/21 VC</u>
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>971</u>		

Client Notification/ Resolution: _____ If checked, see attached form for additional comments
Person Contacted: _____ Date/Time: _____
Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

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Appendix C
Site Investigation Boring Logs, Well Logs,
Field Notes, and Borehole Abandonment Forms

Groundwater Monitoring Field Data Form

Date: 5/10/19

Project Name
Project Address
Project Contact
Project Phone

Notes:

Personnel: L. Smith
P. Arntsen 5/13/19

Weather: Temp: 50s, H Wind: light
Clouds: cloudy/few Precip: 0

Sample Location	Well Elevation (ft MSL)	Depth to Point (ft)	Screen Length (ft)	Well Diameter (in)	Depth to Water (ft)	Water Elevation (ft MSL)	Height of Water Column (ft)	Calc. Purge Volume (gal)	Actual Purge Volume (gal)	Sample Time	Notes
mw-700		15.10		2"	8.25		6.85	7.25	4.5	9:55	
P2-900		32.32		2"	7.70		24.62	15.26	15.5	9:35	
mw-1		14.7		2"	6.56		8.1	4.8	5	11:20	
P2-1		30.0		2"	6.70		23.3	14	14	11:55	under pos. press - plug popped
VW # 2										10:30	village well

Equipment: Field data sheet, well lock key, water-level indicator, peristaltic pump, battery, pump tubing, bucket, plastic gloves, sample bottles and labels, Sharpie marker, distilled water, spray bottle, cooler, ice, paper towels, chain-of-custody

Contacts: Sand Creek Consultants - Pete Arntsen 715-824-5969/715-445-1497
Laboratory: _____

Well Volumes:	gal/ft	gal/ft x 3
- 3/4" well	0.23	0.70
- 1 1/4" well	0.39	1.17
- 2" well	0.62	1.87
Purge volume (gal) = gal/ft x 3 x Height of Water Column (ft)		

MW1 14.4 + 0.3
P2-1 6.68, 6.70; 29.7 + 0.3 = 30.0

5/21/2017 Klismith
stack sample

Weather: mostly cloudy,
mild (60s) / little breeze

10:45 arrive site

Setup: pressure check
sample valve system - ok

Drop Tyvek (?) tube into
stack

Use pump to draw vapors
through line

10:25 Connect gauge to leg
and open (-29 in H₂O)
Turn off pump

10:32 -24 in H₂O

Note: Confirmed venting
system is on

10:37 -21 in H₂O

10:47 -13 in H₂O

Note: Tube is down ~3 ft
into exhaust

10:58 -17 in H₂O

11:05 -3

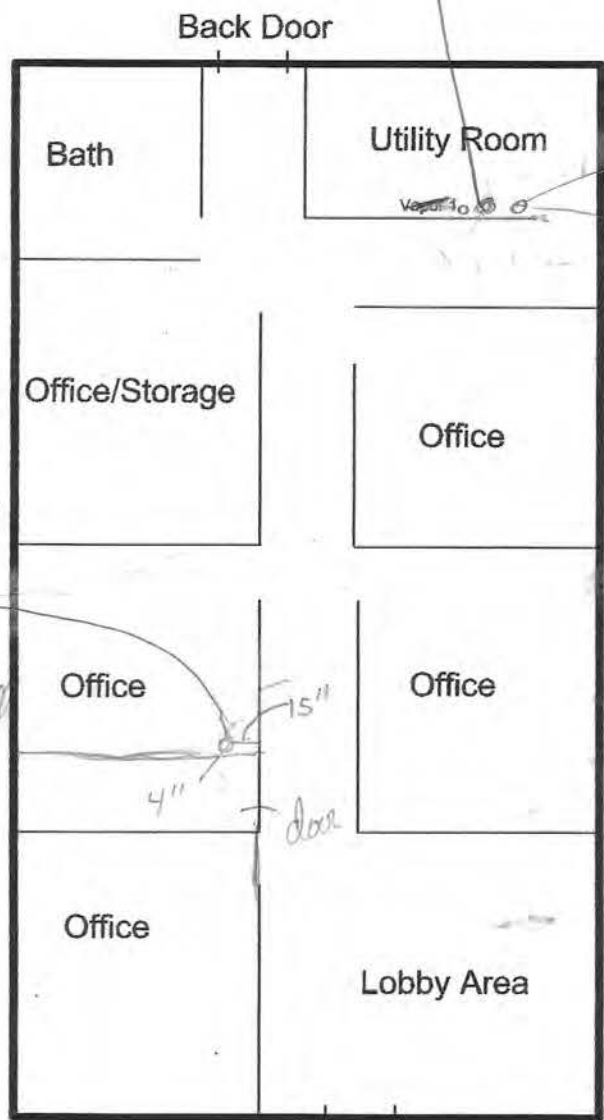
11:08 -2 shut valve

11:15 Leave site



1:8

SSV 201
vapor 201, in stall 9/17/21
16" south of door, 5" west of wall



vapor (original)
8" south of door
4" west of wall

* concrete
~ 2.75" thick
in both V2 + V3
location

Tom Klismitz call:
715-347-5101

Key to front door
in AMH office on
top left of key
board in back.

SSV 202
vapor 202
Install 9/17/21
15" south of hallway
wall
4" east of office wall

Front Door

Main St.



SAND CREEK CONSULTANTS, INC.
151 Mill Street, P.O. Box 218
Amherst, WI 54406
Tel: 715.365.1818
Fax: 866.608.6473

FLOOR PLAN (Approximate)
NEWMAN APPRAISAL SERVICES
AMHERST, WISCONSIN

FIGURE 1
DATE: SEPT. 21, 2009
DRAWN BY: RSH

2 Klismitz Accounting office Amherst
9/28/21: onsite 8:40 left 10:35 LS

SSV-202 (middle office)
start time 9:05 -30" Hg

end time 9:48 -2" Hg

PID in room - 0.1 ppm

PID from vapor probe - 0.3 ppm

cannister 1036

FC 3138

SSV-201 (back furnace room)

start time 9:23 -30" Hg

end time 10:08 -2" Hg

PID in room - 0.1 ppm

PID from vapor probe - 0.4 ppm

cannister 0668

FC 1185

Sand County Environmental

Groundwater Monitoring Field Data Form

Project Name: Klismith Accounting

Project Address: Amherst

Project Contact: Tom Klismith

Project Phone:

Date: 10/1 - 10/4/21

Personnel: L. Smith

Weather:

Temp: _____ Wind: _____

Clouds: _____ Precip: _____

Sample Location	Time	Total Depth (ft brl)	Screen Length (ft)	Well Diameter (in)	Depth to Water (ft brl / bgs)	Stickup (ft)	Height of Water Column (ft)	Calc. One Well Volume (gal)	Calc 4 Well Volumes (gal)	Total Removed (gal)	Purge Dry?	Time end Purge	Time Sample	Water Appearance / Notes
MW-1	17:45	14.7		2"	7.05		7.65		5	5	N		17:45	10/4/21
PZ-1	17:05	30.0		2"	7.05		22.95		15	15	N		17:05	10/4/21 - tab + lid broken on FM
MW-700	10:00	15.10		2"	8.98		6.12		4	4	N		10:00	10/1/21
PZ-900	10:15	32.32		2"	8.25		24.07		15	15	N		10:15	10/1/21
Village Well 1	10:30	-			/						-		10:30	10/1/21 - well ran for ~10 min
Village Well 2	10:40	-			/						-		10:40	10/1/21 - well ran for ~10 min
					/									- either Nic or Travis from city can help.
					/									
					/									
					/									
					/									
					/									
					/									
					/									
					/									
					/									

needs replace but no Klismith well

NOTES:

Equipment: Field data sheet, well lock key, water-level indicator, peristaltic pump, battery, pump tubing, bucket, plastic gloves, sample bottles and labels, Sharpie marker, distilled water, spray bottle, cooler, ice, paper towels, chain-of-custody

Contacts: Sand County Environmental - 715-824-5169
 Laboratory: Pace Greenbay

Well Volumes:	Sampling Well Pipe	Dev. Pipe + Sand Pack	Pre-sample Purge (4 Pipe Volumes)	Dev Purge (10X Pipe + Sand Vol or DRY)
	gal/ft	gal/ft	gal/ft	gal/ft
- 3/4" ID	0.023		0.09	
- 1" ID	0.041	0.10	0.16	1.0
- 2" ID	0.16	0.70	0.65	7.0

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

Page 1 of 1

Facility/Project Name <i>Newman Appraisal Service</i>		License/Permit/Monitoring Number		Boring Number <i>PZ-1</i>	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <i>Pave</i> Last Name: <i>Paulson</i> Firm: <i>Soil Engineers LLC</i>		Date Drilling Started <i>04/20/2009</i>	Date Drilling Completed <i>04/20/2009</i>	Drilling Method <i>Direct Push/HSA</i>	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter <i>3 1/8</i> inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane <i>NG</i> <input checked="" type="checkbox"/> N, <input type="checkbox"/> E S/C/N			Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> Feet <input type="checkbox"/> S <input type="checkbox"/> Feet <input type="checkbox"/> W		
Facility ID		County <i>Portage</i>	County Code <i>49</i>	Civil Town/City/ or Village <i>Freshet</i>	

Sample Number and Type	Length Alt. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	<i>48/24</i>		0-4	<i>Asphalt/concrete</i>										
	<i>48/24</i>		1-2	<i>Loose sand, brown, w/ gravel, most slight clay</i>	<i>SW</i>			<i>0</i>						
	<i>49/38</i>		4-5	<i>4-8 SAA</i>	<i>SW</i>			<i>0</i>						
			8-12	<i>Loose, brown sand, trace gravel, some sat @ 9.5'</i>	<i>SP</i>			<i>0</i>						
			12-16	<i>SAA</i>				<i>0</i>						

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

Signature *[Signature]* Firm *Soil Creek Consultants*

16-20 SAA
20-24 SAA
24-28 SAA ?
28-30 SAA ?

506038'

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

Page 1 of 1

Facility/Project Name <i>Newman Appraisal Service</i>		License/Permit/Monitoring Number		Boring Number <i>MW-2</i>	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <i>Paive</i> Last Name: <i>Paulsen</i>		Date Drilling Started <i>04/20/2009</i>		Date Drilling Completed <i>04/20/2009</i>	
Firm: <i>Soil Experts LLC</i>		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane <i>NG</i> N, <i>SE</i> E S/C/N			Lat <i>0</i> ' "		
<i>14</i> of <i>SE</i> 1/4 of Section <i>21</i> , T <i>22</i> N, R <i>9</i> <i>EW</i>			Long <i>0</i> ' "		
Facility ID		County <i>Portage</i>	County Code <i>49</i>	Civil Town/City/ or Village <i>Furberst</i>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	<i>48/30</i>		1	<i>0-4 silty sand w/ gravel, sand</i>	<i>SW</i>			<i>0</i>						
	<i>49/26</i>		4	<i>4-8 SAA</i>				<i>0</i>						
	<i>48/37</i>		8	<i>8-10 SAA</i>				<i>0</i>						
			10	<i>10-12 silty clay, w/ silt, wet</i>										
			11	<i>11-12 clay, silty, wet</i>										

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

Signature *[Signature]* Firm *Soil Creek Consultants*

12-16/ SAA

14-15 salt, sandy clay

15-16 base sand and
silt @ 15.8'

16-20 SAA

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

Page 1 of 1

Facility/Project Name <i>Newman Appraisal Service</i>		License/Permit/Monitoring Number		Boring Number <i>804</i>	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <i>Pave</i> Last Name: <i>Parkson</i> Firm: <i>Soil Exploratory</i>		Date Drilling Started <i>04/20/2009</i> m m d d / y y y y	Date Drilling Completed <i>04/20/2009</i> m m d d / y y y y	Drilling Method	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane <input type="checkbox"/> N, <input type="checkbox"/> E S/C/N		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
<i>NG</i> 1/4 of <i>SE</i> 1/4 of Section <i>21</i> , T <i>22</i> N, R <i>9</i> E/W		Lat <i>0</i> ' "		Long <i>0</i> ' "	
Facility ID	County <i>Portage</i>	County Code <i>49</i>	Civil Town/City/ or Village <i>Freshet</i>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description and Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	<i>48/48</i>		1	<i>0-4 clayey silty clay/sand/clay brown, soft, moist</i>	<i>SH-cl</i>			0						
	<i>48/30</i>		4	<i>4-8 sand/gravel, wet</i>	<i>SW</i>			0						
	<i>48/30</i>		8	<i>8-10 SAA</i>	<i>SC</i>			0						
	<i>48/30</i>		10	<i>10-12 large, clean sand S&T @ 11.8'</i>	<i>SC</i>			0						
			12	<i>12-13 S&T @ 12'</i>	<i>SC</i>			0						

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

Signature *[Signature]* Firm *Sand Creek Consultants*

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

Page 1 of 1

Facility/Project Name <i>Newman Appraisal Service</i>		License/Permit/Monitoring Number		Boring Number <i>B-5</i>	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <i>Paula</i> Last Name: <i>Paulson</i>		Date Drilling Started <i>04/20/2009</i>		Date Drilling Completed <i>04/20/2009</i>	
Firm: <i>Soil Specialists</i>		Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
WI Unique Well No.	DNR Well ID No.	Well Name		Borehole Diameter inches	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane <i>NG 1/4 of SE 1/4 of Section 21, T 22 N, R 9 E/W</i>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <i>Portage</i>	County Code <i>49</i>	Civil Town/City or Village <i>Furbest</i>	

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	<i>48/42</i>		0-4	<i>loose brown sand w/ gravel</i>	<i>SW</i>									
	<i>48/39</i>		4-8	<i>SAA</i>	<i>SW</i>									
	<i>43/35</i>		8-10	<i>SAA</i>	<i>SW</i>									
			10-12	<i>loose clean sand</i>	<i>SP</i>									
				<i>sand @ 11'</i>										
				<i>8060121</i>										

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

Signature 	Firm <i>Soil Creek Consultants</i>
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Route To: Watershed/Wastewater Waste Management
 Remediation/Revelopment Other

Page 1 of

Facility/Project Name <i>Newman Appraisal Service</i>		License/Permit/Monitoring Number		Boring Number <i>B-6</i>	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <i>Dave</i> Last Name: <i>Paulson</i> Firm: <i>Soil (Essexville)</i>		Date Drilling Started <i>04/20/2009</i> m m d d / y y y y	Date Drilling Completed <i>04/20/2009</i> m m d d / y y y y	Drilling Method	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane <u>N</u> , <u>E S/C/N</u>		Local Grid Location	
<i>NG 1/4 of SE 1/4 of Section 21, T 22 N, R 9 E/W</i>		Lat <u>0</u> ' "	Long <u>0</u> ' "	<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County <i>Portage</i>	County Code <i>49</i>	Civil Town/City/ or Village <i>Furthest</i>		

Sample Number and Type	Length Alt. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	<i>48/42</i>		0-4	<i>Sandy clay/silt w/ clay Brown, w/ gravel, sand</i>	<i>SW-CL</i>	<i>[diagonal lines]</i>								
	<i>48</i>		4-8	<i>sand + gravel</i>	<i>SW</i>	<i>[dots]</i>								
			8-10	<i>SAA</i>		<i>[dots]</i>								
			10-12	<i>loose, brown sand</i>	<i>SP</i>	<i>[dots]</i>								
			11-12	<i>silt @ 11-2</i>		<i>[dots]</i>								
			12	<i>60% @ 12'</i>		<i>[dots]</i>								

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

Signature *[Signature]* Firm *Soil Creek Consultants*

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

Page 1 of 1

Facility/Project Name <i>Newman Appraisal Service</i>		License/Permit/Monitoring Number		Boring Number <i>B-7</i>	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: <i>Paul</i> Last Name: <i>Paulson</i> Firm: <i>Soil Essentials</i>		Date Drilling Started <i>04/20/2009</i>	Date Drilling Completed <i>04/20/2009</i>	Drilling Method	
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter inches
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/>		State Plane <i>N</i> , <i>E S/C/N</i>		Local Grid Location	
<i>NG 1/4 of SE 1/4 of Section 21, T 22 N, R 9 EW</i>		Lat <i>0</i> ' <i>0</i> " Long <i>0</i> ' <i>0</i> "		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County <i>Portage</i>	County Code <i>49</i>	Civil Town/City/ or Village <i>Fruhest</i>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
	<i>40/42</i>		0-4	<i>sand gravel w/ clay</i>	<i>SW</i>									
	<i>48/40</i>		4-7.5	<i>SFA no clay</i>	<i>SW</i>									
	<i>48/47</i>		7.5-8	<i>fine clean sand sp</i>	<i>SP</i>									
			8-12	<i>SFA</i>										
			12	<i>bedrock</i>										

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

Signature *[Signature]* Firm *Soil Creek Consultants*

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Newman</u>	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name <u>MW-1</u>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or _____ " or	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID _____	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed <u>04/20/2009</u> m m d d y y v v
Type of Well Well Code <u>1</u>	Section Location of Waste/Source <u>NE 1/4 of SE 1/4 of Sec. 21, T. 22 N, R. 5</u> <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <u>Dave Kaden</u> <u>Soil Essentials</u>
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	Gov. Lot Number _____
Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP GM GC GW SW SP
SM SC ML MH CL CH
Bedrock

13. Sieve analysis performed? Yes No

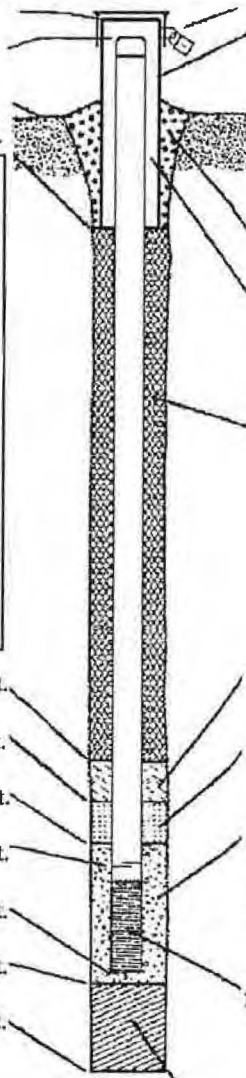
14. Drilling method used: Rotary 5 0
Hollow Stem Auger 4 1
Other

15. Drilling fluid used: Water 0 2 Air 0 1
Drilling Mud 0 3 None 9 9

16. Drilling additives used? Yes No

Describe _____

17. Source of water (attach analysis, if required): _____



1. Cap and lock? Yes No

2. Protective cover pipe:
a. Inside diameter: _____ in.
b. Length: _____ ft.
c. Material: Steel 0 4
Other

d. Additional protection? Yes No
If yes, describe: _____

3. Surface seal: Bentonite 3 0
Concrete 0 1
Other

4. Material between well casing and protective pipe:
Bentonite 3 0
Other

5. Annular space seal:
a. Granular/Chipped Bentonite 3 3
b. _____ Lbs/gal mud weight... Bentonite-sand slurry 3 5
c. _____ Lbs/gal mud weight... Bentonite slurry 3 1
d. _____ % Bentonite... Bentonite-cement grout 5 0
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie 0 1
Tremie pumped 0 2
Gravity 0 8

6. Bentonite seal:
a. Bentonite granules 3 3
b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 3 2
c. _____ Other

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft³

9. Well casing: Flush threaded PVC schedule 40 2 3
Flush threaded PVC schedule 80 2 4
Other

10. Screen material: NC
a. Screen type: Factory cut 1 1
Continuous slot 0 1
Other

b. Manufacturer _____
c. Slot size: _____ 0.016 in.
d. Slotted length: _____ 80 ft.

11. Backfill material (below filter pack): None 1 4
Other

E. Bentonite seal, top _____ ft. MSL or _____ ft.

F. Fine sand, top _____ ft. MSL or _____ ft.

G. Filter pack, top _____ ft. MSL or _____ ft.

H. Screen joint, top _____ ft. MSL or _____ ft.

I. Well bottom _____ ft. MSL or _____ ft.

J. Filter pack, bottom _____ ft. MSL or _____ ft.

K. Borehole, bottom _____ ft. MSL or _____ ft.

L. Borehole, diameter _____ in.

M. O.D. well casing _____ in.

N. I.D. well casing _____ in.

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

Signature [Signature] Firm Soil Creek Consulting

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name <u>Newman</u>	Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.	Well Name <u>P2-1</u>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ " Long. _____ " or St. Plane _____ ft. N. _____ ft. E. S/C/N	Wis. Unique Well No. _____ DNR Well ID No. _____
Facility ID	Section Location of Waste/Source <u>NE 1/4 of SE 1/4 of Sec. 21, T. 26 N, R. 5 E W</u>	Date Well Installed <u>04/20/2009</u> m m d d y y v v
Type of Well Well Code _____ / _____	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By: Name (first, last) and Firm <u>Dave Faulen</u> <u>Soil Essentials</u>
Distance from Waste/Source _____ ft.	Gov. Lot Number _____	

- A. Protective pipe, top elevation _____ ft. MSL
- B. Well casing, top elevation _____ ft. MSL
- C. Land surface elevation _____ ft. MSL
- D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock

13. Sieve analysis performed? Yes No

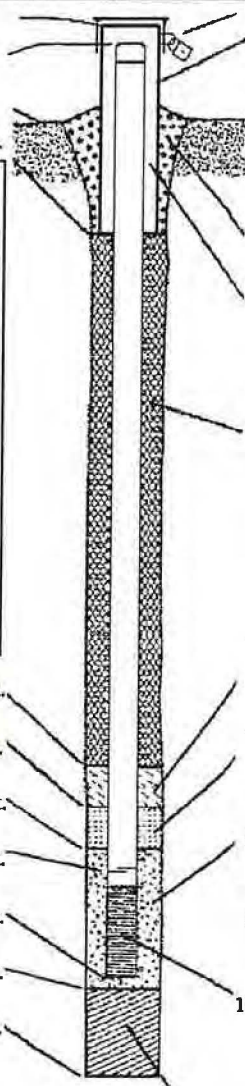
14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 Other

15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99

16. Drilling additives used? Yes No

Describe _____

17. Source of water (attach analysis, if required): _____



- 1. Cap and lock? Yes No
- 2. Protective cover pipe:
 - a. Inside diameter: _____ in. 2
 - b. Length: _____ ft. 1.5
 - c. Material: Steel 04
Other
 - d. Additional protection? Yes No
If yes, describe: _____
- 3. Surface seal: Bentonite 30
Concrete 01
Other
- 4. Material between well casing and protective pipe: Bentonite 30
Other su
- 5. Annular space seal:
 - a. Granular/Chipped Bentonite 33
 - b. _____ Lbs/gal mud weight ... Bentonite-sand slurry 35
 - c. _____ Lbs/gal mud weight ... Bentonite slurry 31
 - d. _____ % Bentonite ... Bentonite-cement grout 50
 - e. _____ Ft³ volume added for any of the above
 - f. How installed: Tremie 01
Tremie pumped 02
Gravity 08
- 6. Bentonite seal:
 - a. Bentonite granules 33
 - b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 32
 - c. _____ Other
- 7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft³
- 8. Filter pack material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft³
- 9. Well casing: Flush threaded PVC schedule 40 23
Flush threaded PVC schedule 80 24
Other
- 10. Screen material: PVC
a. Screen type: Factory cut 11
Continuous slot 01
Other
b. Manufacturer _____
c. Slot size: _____ 0.010 in.
d. Slotted length: _____ 5 ft.
- 11. Backfill material (below filter pack): None 14
Other

- E. Bentonite seal, top _____ ft. MSL or 1 ft.
- F. Fine sand, top _____ ft. MSL or 24 ft.
- G. Filter pack, top _____ ft. MSL or 26 ft.
- H. Screen joint, top _____ ft. MSL or 25 ft.
- I. Well bottom _____ ft. MSL or 30 ft.
- J. Filter pack, bottom _____ ft. MSL or 30 ft.
- K. Borehole, bottom _____ ft. MSL or 30 ft.
- L. Borehole, diameter 10 in.
- M. O.D. well casing 2.875 in.
- N. I.D. well casing 2.02 in.

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

Signature [Signature] Firm Soil Creek Consulting

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Facility/Project Name <u>Newman Appraisal</u>	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name <u>MW-2</u>
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. _____ "Long. _____ or _____	Wis. Unique Well No. _____ DNR Well ID No. <u>MW2</u>
Facility ID	St. Plane _____ ft. N. _____ ft. E. S/C/N	Date Well Installed <u>04/20/2009</u> m m d d y y v v y
Type of Well Well Code <u>1</u>	Section Location of Waste/Source <u>NE 1/4 of SE 1/4 of Sec. 21, T. 22 N, R. 5</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <u>Dave Linder</u> <u>Soil Essentials</u>
Distance from Waste/Source _____ ft.	Enf. Stds. Apply <input type="checkbox"/>	
	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	
	Gov. Lot Number _____	

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: _____ in.
C. Land surface elevation _____ ft. MSL	b. Length: _____ ft.
D. Surface seal, bottom _____ ft. MSL or _____ ft.	c. Material: Steel <input checked="" type="checkbox"/> 04 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input checked="" type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input type="checkbox"/> MH <input type="checkbox"/> CL <input type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
13. Sieve analysis performed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3. Surface seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 Other <input checked="" type="checkbox"/>
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	5. Annular space seal: a. Granular/Chipped Bentonite <input type="checkbox"/> 33 b. _____ Lbs/gal mud weight... Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight... Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite... Bentonite-cement grout <input type="checkbox"/> 50 e. _____ Ft ³ volume added for any of the above
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
Describe _____	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input checked="" type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input checked="" type="checkbox"/> 32 c. _____ Other <input type="checkbox"/>
17. Source of water (attach analysis, if required): _____	7. Fine sand material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
E. Bentonite seal, top _____ ft. MSL or _____ ft.	8. Filter pack material: Manufacturer, product name & mesh size a. _____ b. Volume added _____ ft ³
F. Fine sand, top _____ ft. MSL or _____ ft.	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24 Other <input type="checkbox"/>
G. Filter pack, top _____ ft. MSL or _____ ft.	10. Screen material: <u>PVC</u> a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot <input type="checkbox"/> 01 Other <input type="checkbox"/>
H. Screen joint, top _____ ft. MSL or _____ ft.	b. Manufacturer _____ c. Slot size: 0.070 in. d. Slotted length: _____ ft.
I. Well bottom _____ ft. MSL or _____ ft.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
J. Filter pack, bottom _____ ft. MSL or _____ ft.	
K. Borehole, bottom _____ ft. MSL or _____ ft.	
L. Borehole, diameter _____ in.	
M. O.D. well casing _____ in.	
N. I.D. well casing _____ in.	

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

Signature [Signature] Firm Soil Creek Consultants

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

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

(1) GENERAL INFORMATION (2) FACILITY/OWNER INFORMATION

WI Unique Well No.	DNR Well ID No.	County	Facility Name
	MW-2	Portage	Newman's Appraisal Service
Common Well Name	Gov't Lot (If applicable)	Facility ID	License/Permit/Monitoring No.
NE 1/4 of SE 1/4 of Sec. 21 ; T. 22 N; R. 9			
Grid Location		Street Address of Well	
		157 Main St. North	
		City, Village, or Town	
		Auberst, WI	
Local Grid Origin	(estimated:) or Well Location	Present Well Owner	Original Owner
		See Above	n/a
Lat.	Long	Street Address or Route of Owner	
		See Above	
St. Plane	ft. N.	ft. E.	Zone
Reason For Abandonment	WI Unique Well No.	City, State, Zip Code	
Test Boring See Comments	of Replacement Well	See Above	

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION (4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Original Construction Date	4-20-09	Pump & Piping Removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
<input checked="" type="checkbox"/> Monitoring Well	If a Well Construction Report is available, please attach.	Liner(s) Removed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
<input type="checkbox"/> Water Well		Screen Removed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable
<input type="checkbox"/> Borehole / Drillhole		Casing Left in Place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Construction Type:		Was Casing Cut Off Below Surface?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	Did Sealing Material Rise to Surface?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Other (Specify) Geoprobe	<input type="checkbox"/> Dug	Did Material Settle After 24 Hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Formation Type:		If Yes, Was Hole Retopped?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	Required Method of Placing Sealing Material	
Total Well Depth (ft.)	20	<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
(From ground surface)	Casing Diameter (in.)	<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain) poured
	2	Sealing Materials	For monitoring wells and monitoring well boreholes only
Lower Drillhole Diameter (in.)	8	<input type="checkbox"/> Neat Cement Grout	<input checked="" type="checkbox"/> Bentonite Chips
Was Well Annular Space Grouted?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input type="checkbox"/> Granular Bentonite
If Yes, To What Depth?	Feet	<input type="checkbox"/> Concrete	<input type="checkbox"/> Bentonite - Cement Grout
Depth to Water (Feet)	12.22	<input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)	<input type="checkbox"/> Bentonite - Sand Slurry
		<input type="checkbox"/> Bentonite-Sand Slurry " "	
		<input checked="" type="checkbox"/> Bentonite Chips	

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	(Circle One)	Mix Ratio or Mud Weight
3/4" Bent. Chips	8	20	2.065 bags		
(Excavation to repair sewer was 8' deep. Well cut off at base of excavation)					

(6) Comments: Well was inadvertently installed through a sanitary sewer lateral. Well was abandoned during repairs to sewer by the Village. SCC on site to oversee abandonment.

(7) Name of Person or Firm Doing Sealing Work	Date of Abandonment
Sand Creek Consultants	9-15-09
Signature of Person Doing Work	Date Signed
[Signature]	9-15-09
Street or Route	Telephone Number
PO 218	(715) 824-5169
City, State, Zip Code	
Auberst WI 54406	

FOR DNR OR COUNTY USE ONLY	
Date Received	Received by
Comments	

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

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

(1) GENERAL INFORMATION			(2) FACILITY/ OWNER INFORMATION	
WI Unique Well No.	DNR Well ID No.	County <i>Portage</i>	Facility Name <i>Newman Approval Service</i>	
Common Well Name _____ Gov't Lot (If applicable) _____			Facility ID	License/Permit/Monitoring No.
Grid Location <i>NE 1/4 of SE 1/4 of Sec. 21 ; T. 22 N; R. 9</i> <input checked="" type="checkbox"/> E <input type="checkbox"/> W			Street Address of Well <i>157 N. Main St</i>	
_____ ft. <input type="checkbox"/> N. <input type="checkbox"/> S., _____ ft. <input type="checkbox"/> E. <input type="checkbox"/> W.			City, Village, or Town <i>Anchast WI 54406</i>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/>			Present Well Owner <i>See Above</i>	Original Owner n/a
Lat. _____ Long _____ or _____			Street Address or Route of Owner	
St. Plane _____ ft. N. _____ ft. E. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Zone			City, State, Zip Code	
Reason For Abandonment Test Boring		WI Unique Well No. of Replacement Well _____		

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION		(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL	
Original Construction Date <i>4-20-09</i>		Pump & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
If a Well Construction Report is available, please attach.		Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (Specify) <i>Geoprobe</i>		Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Was Casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Total Well Depth (ft.) _____ Casing Diameter (in.) _____		Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No	
(From ground surface) Casing Depth (ft.) _____		Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Lower Drillhole Diameter (in.) <i>3</i>		If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		Required Method of Placing Sealing Material	
If Yes, To What Depth? _____ Feet		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped	
Depth to Water (Feet) _____		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain) poured	

(5)	Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume	(Circle One)	Mix Ratio or Mud Weight
		<i>0</i>		<i>20.5 lbs</i>		

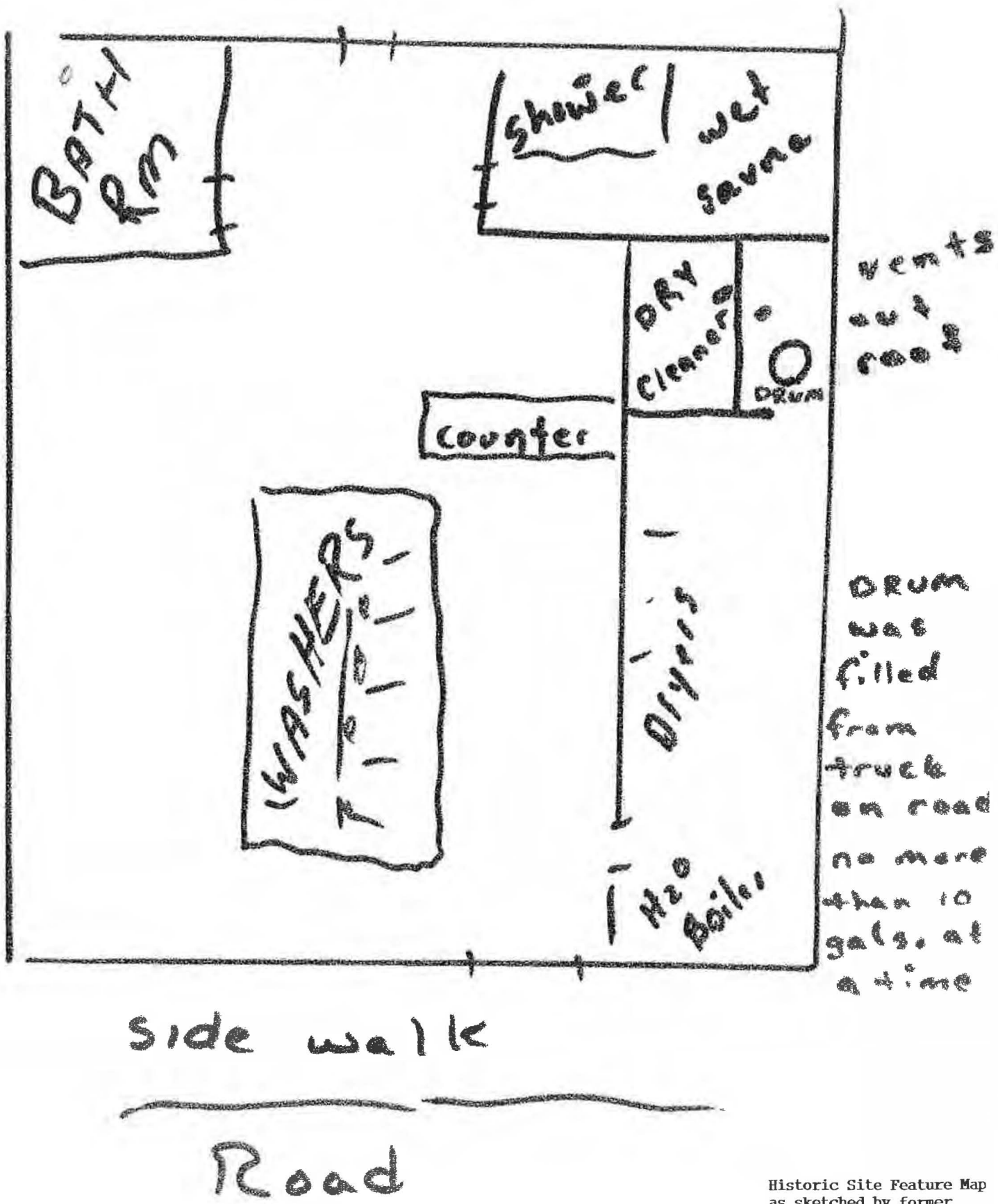
(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work <i>Sand Creek Consultants</i>		Date of Abandonment <i>4-20-09</i>
Signature of Person Doing Work <i>[Signature]</i>		Date Signed <i>4-20-09</i>
Street or Route <i>123 S. Main</i>		Telephone Number <i>(215) 824-5169</i>
City, State, Zip Code <i>Anchast WI 54406</i>		

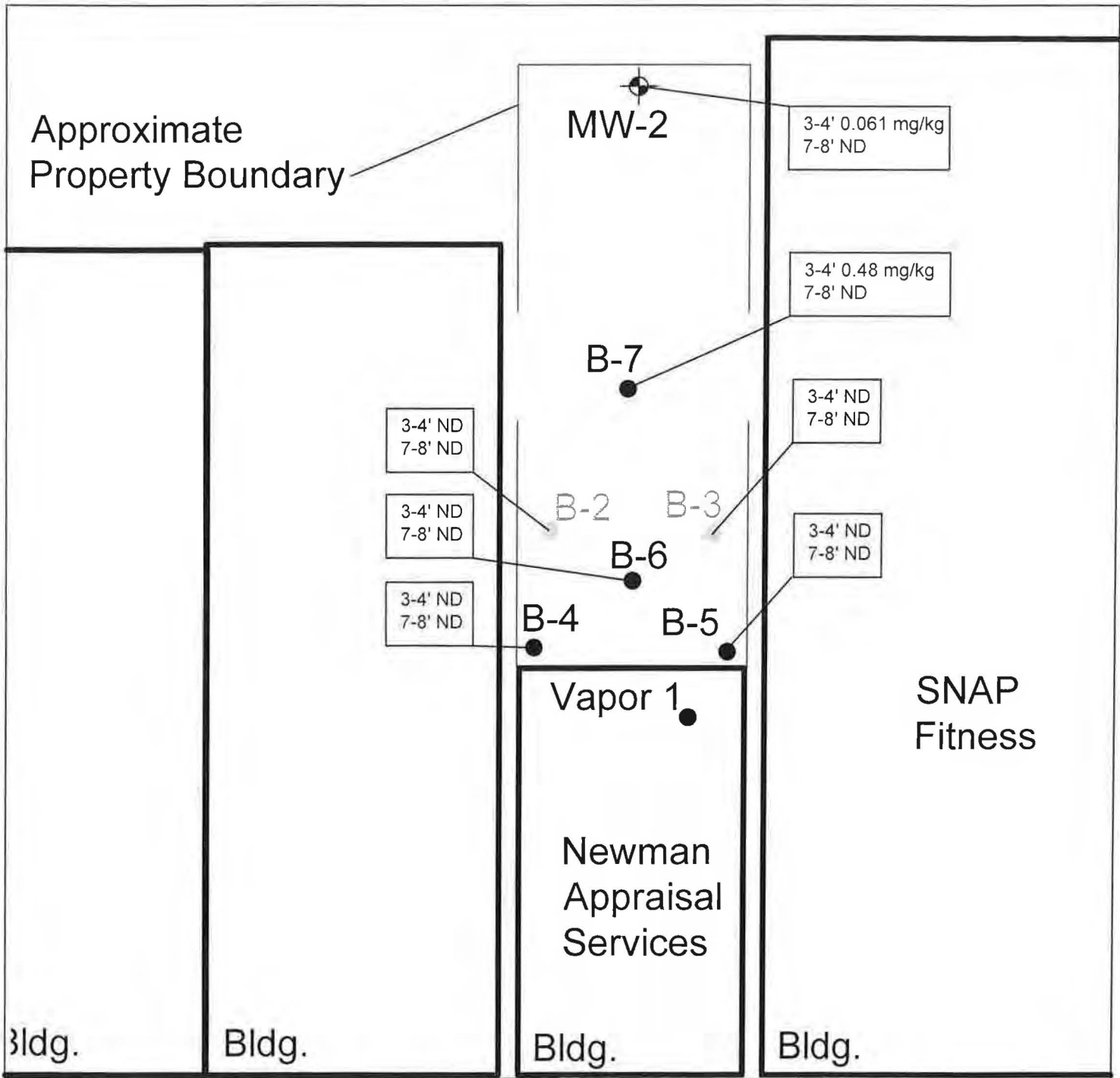
FOR DNR OR COUNTY USE ONLY	
Date Received	Date Paid
Comments	

PARKING

DRAINS

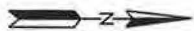


Historic Site Feature Map as sketched by former drycleaner owner. Not to scale.



Sidewalk

MW-1 / PZ-1 B-1



Only results for Tetrachloroethene are shown.
ND = Not Detected



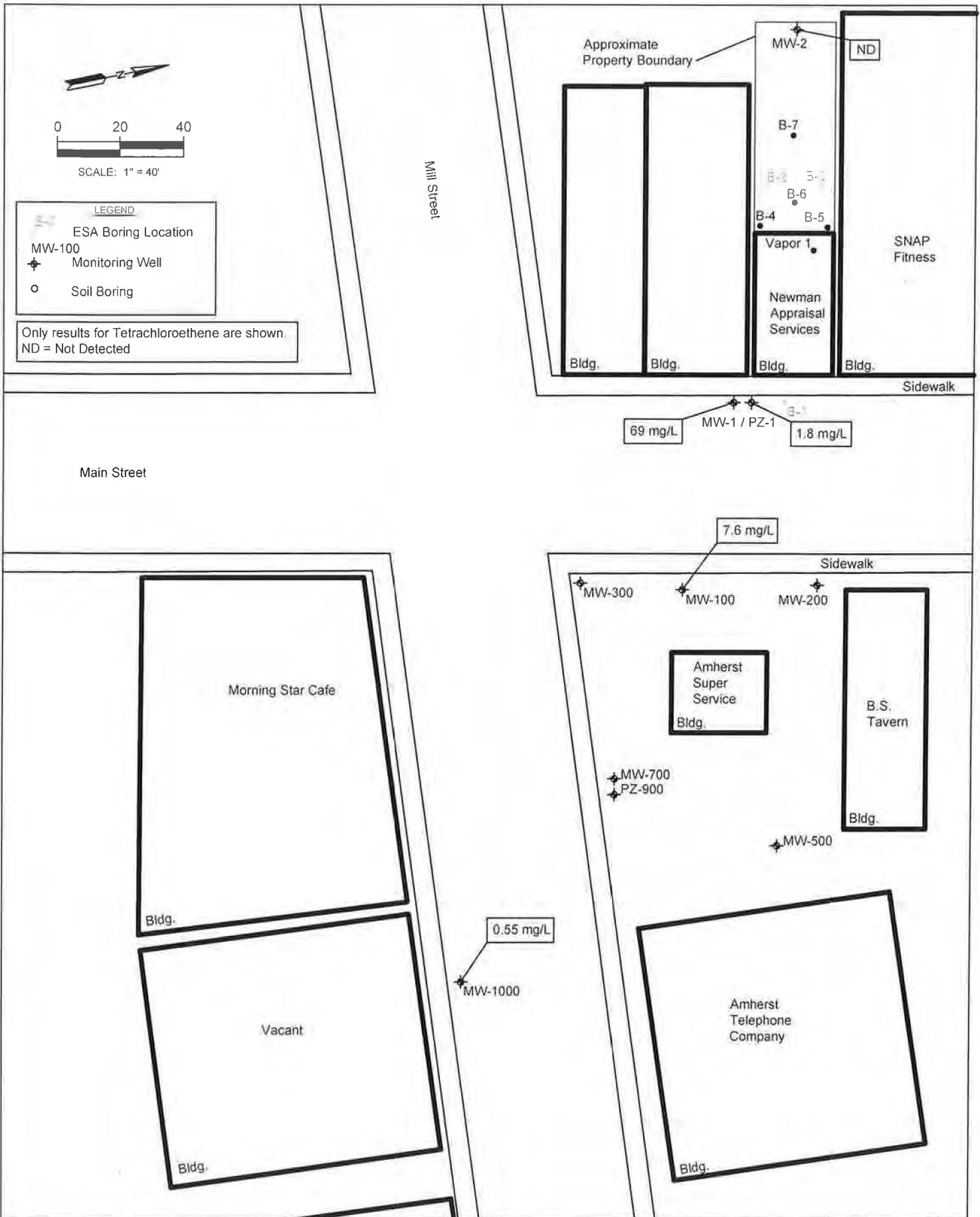
SAND CREEK CONSULTANTS, INC.
123 S. Main Street, P.O. Box 218
Amherst, WI 54406
Tel: 715.824.5169
Fax: 866.608.6473

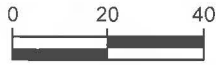
SOIL SAMPLE RESULTS

NEWMAN APPRAISAL SERVICES
AMHERST, WISCONSIN

FIGURE 3

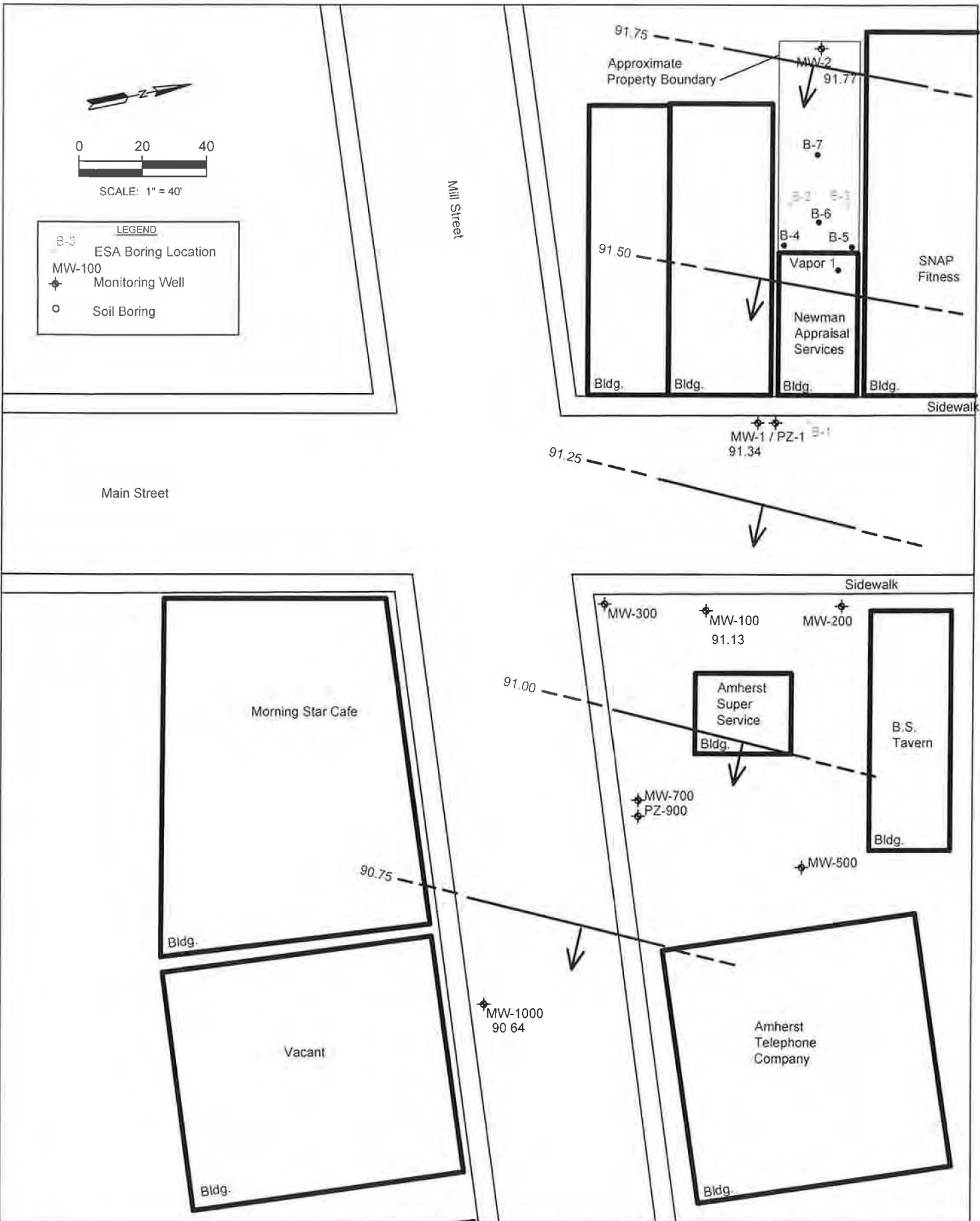
DATE: JUNE 10, 2009
DRAWN BY: RSH





SCALE: 1" = 40'

LEGEND	
B-C	ESA Boring Location
MW-100	Monitoring Well
⊕	Monitoring Well
○	Soil Boring

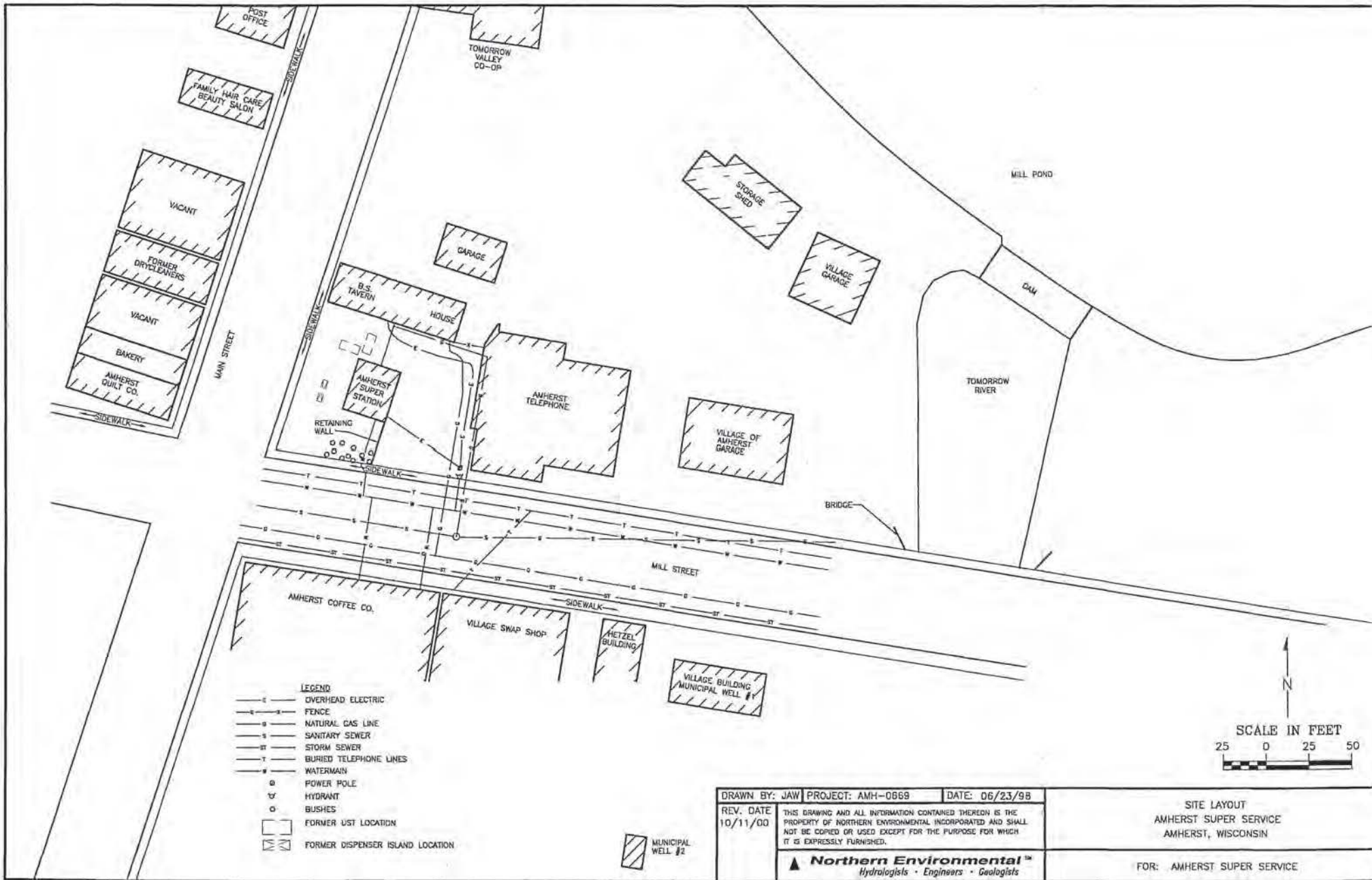


SAND CREEK CONSULTANTS, INC.
 123 S. Main Street, P.O. Box 218
 Amherst, WI 54406
 Tel: 715.824.5169
 Fax: 866.608.6473

GROUNDWATER FLOW DIRECTION
 APRIL 22, 2009
NEWMAN APPRAISAL SERVICES
 AMHERST, WISCONSIN

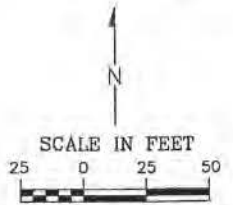
FIGURE 5
 DATE: JUNE 16, 2009
 DRAWN BY: RSH

Appendix D
Excerpts from Amherst Super Station Project File



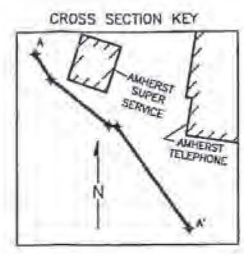
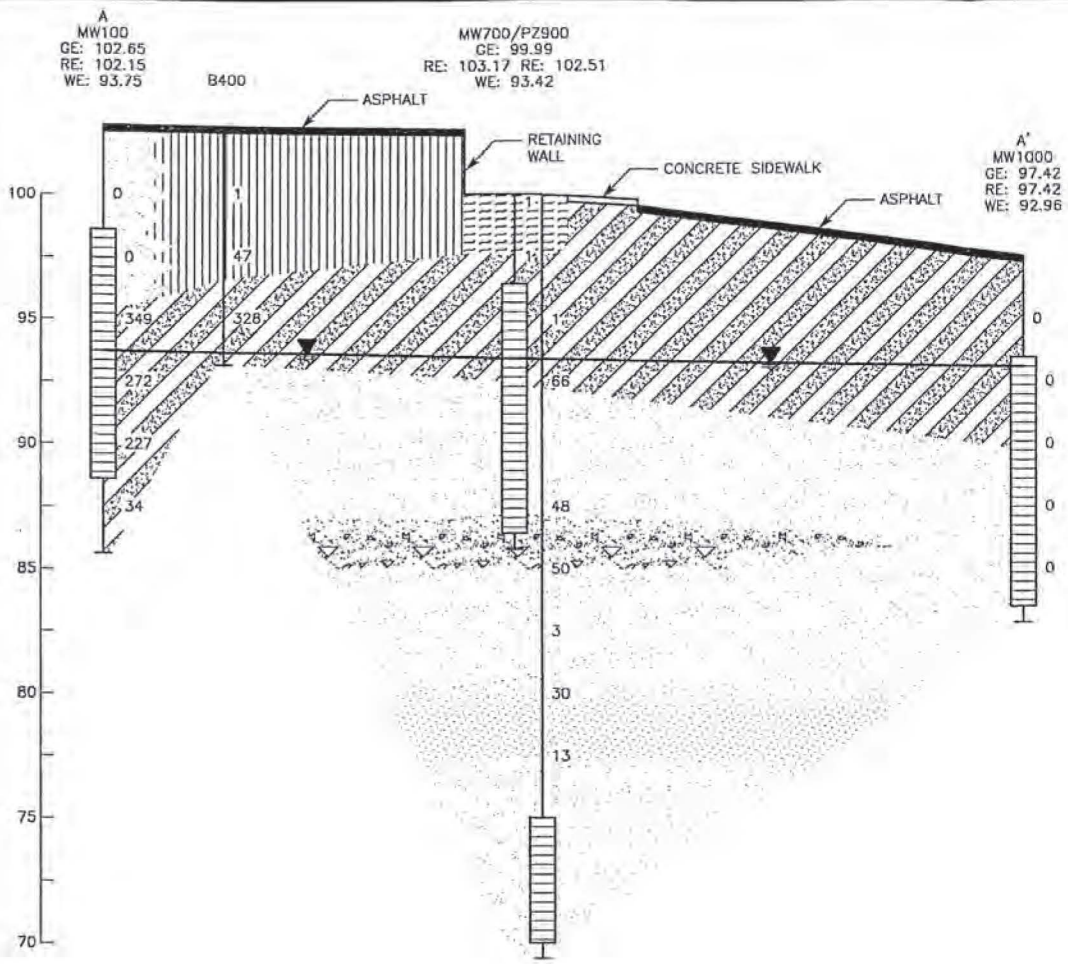
- LEGEND**
- E— OVERHEAD ELECTRIC
 - F— FENCE
 - G— NATURAL GAS LINE
 - S— SANITARY SEWER
 - ST— STORM SEWER
 - T— BURIED TELEPHONE LINES
 - W— WATERMAIN
 - ⊙ POWER POLE
 - ⊕ HYDRANT
 - ⊙ BUSHES
 - FORMER UST LOCATION
 - ▨ FORMER DISPENSER ISLAND LOCATION

▨ MUNICIPAL WELL #2

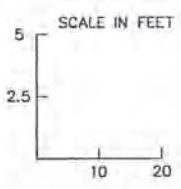


DRAWN BY: JAW	PROJECT: AMH-0669	DATE: 06/23/98
REV. DATE 10/11/00	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.	
 Northern Environmental ™ Hydrologists • Engineers • Geologists		

SITE LAYOUT
 AMHERST SUPER SERVICE
 AMHERST, WISCONSIN
 FOR: AMHERST SUPER SERVICE



- LEGEND**
- 66 PID RESULT
 PID = PHOTOIONIZATION DETECTOR READING MEASURED IN INSTRUMENT UNITS AS ISOBUTYLENE (iu)
- GE = GROUND ELEVATION (IN FEET)
 RE = RISER ELEVATION (IN FEET)
 WE = GROUND WATER ELEVATION (IN FEET)
- ☒ WATER TABLE ELEVATION (8/13/98)
- TOPSOIL
 - SP = POORLY GRADED SANDS
 - SM = SILTY SANDS
 - GW = WELL GRADED GRAVELS
 - ML = INORGANIC SILTS
 - SW = WELL GRADED SANDS



NOTE:
 *ELEVATIONS REFERENCE TO SITE DATUM
 *COLUMN WIDTHS ARE NOT TO SCALE

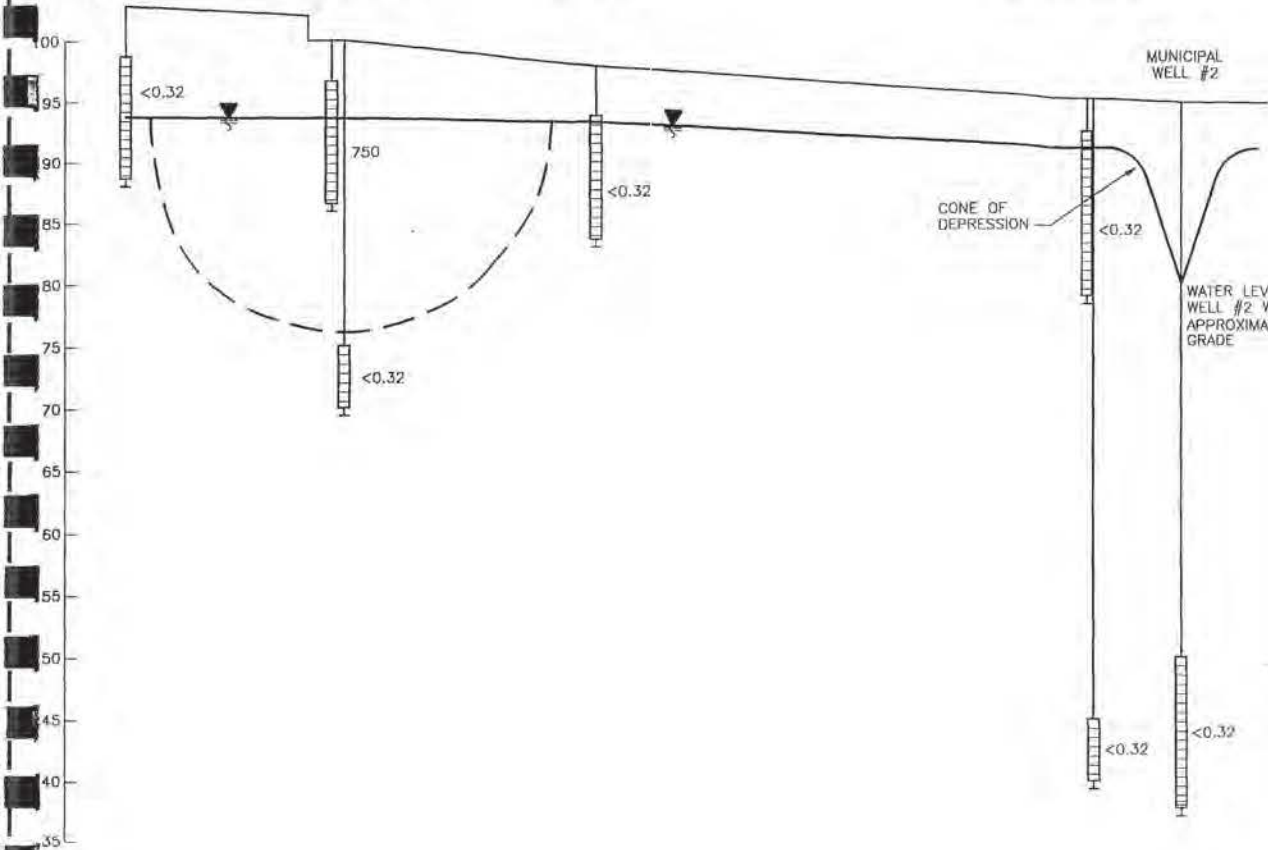
DRAWN BY: SXM	PROJECT: AMH-0569	DATE:	GEOLOGIC CROSS SECTION A-A' AMHERST SUPER SERVICE AMHERST, WISCONSIN
REV. DATE 10/05/00	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL, INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.		
 Northern Environmental TM Hydrologists • Engineers • Geologists			FOR: AMHERST SUPER SERVICE

A
 MW100
 GE: 102.65
 RE: 102.15
 WE: 93.75

MW700/PZ900
 GE: 99.99 GE: 99.99
 RE: 103.17 RE: 102.51
 WE: 93.42 WE: 93.41

MW1000
 GE: 97.42
 RE: 87.17
 WE: 92.96

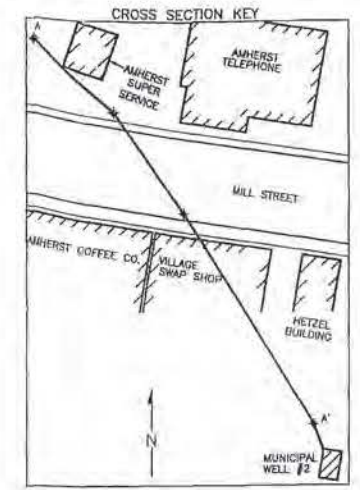
A'
 MW1/MW3
 GE: 94.53 GE: 94.53
 RE: 97.26 RE: 97.13
 WE: 90.73 WE: 90.51



MUNICIPAL WELL #2

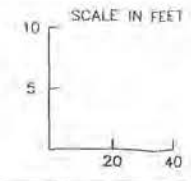
CONE OF DEPRESSION

WATER LEVEL IN MUNICIPAL WELL #2 WHILE PUMPING IS APPROXIMATELY 15' BELOW GRADE



LEGEND

- WATER TABLE ELEVATION DURING OPERATION OF THE MUNICIPAL WELL (8/13/98)
- BENZENE CONCENTRATION IN WELL/ PIEZOMETER MEASURED IN MICROGRAMS PER LITER (ug/l)
- EXTENT OF PETROLEUM CONTAMINATION IN GROUND WATER

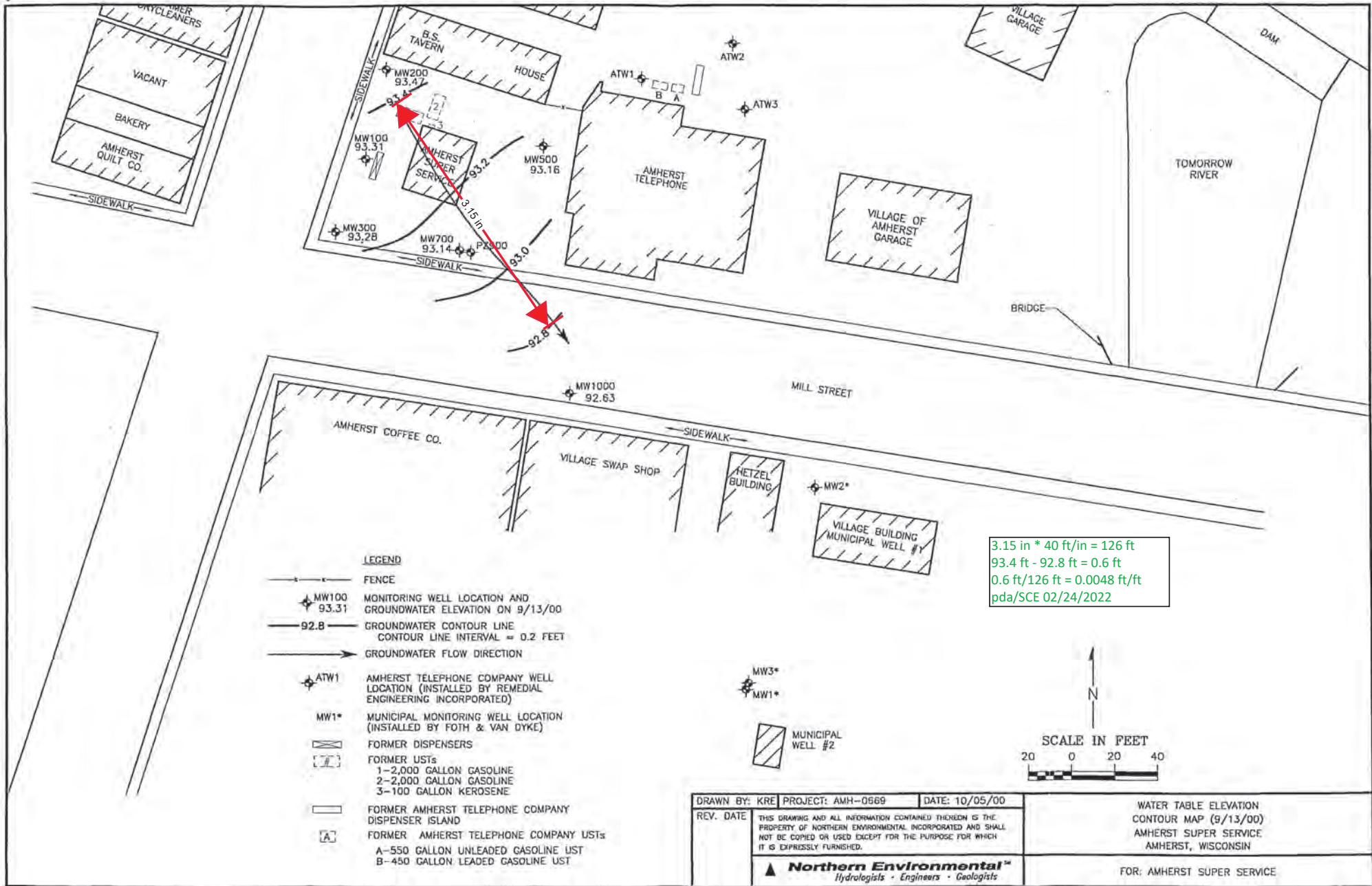


NOTE:
 *ELEVATIONS REFERENCE TO SITE DATUM
 *COLUMN WIDTHS ARE NOT TO SCALE

DRAWN BY: SXM	PROJECT: AMH-0669	DATE: 09/03/98
REV. DATE	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.	
09/09/98		
09/11/98		
11/17/98		
Northern Environmental™ Hydrologists • Engineers • Geologists		

FIGURE 7
 MONITORING WELL NETWORK AND VERTICAL EXTENT OF GROUND WATER CONTAMINATION (8/13/98)
 AMHERST SUPER SERVICE
 AMHERST, WISCONSIN

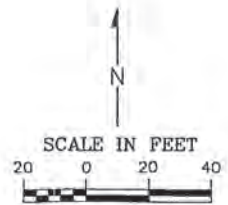
FOR: AMHERST SUPER SERVICE



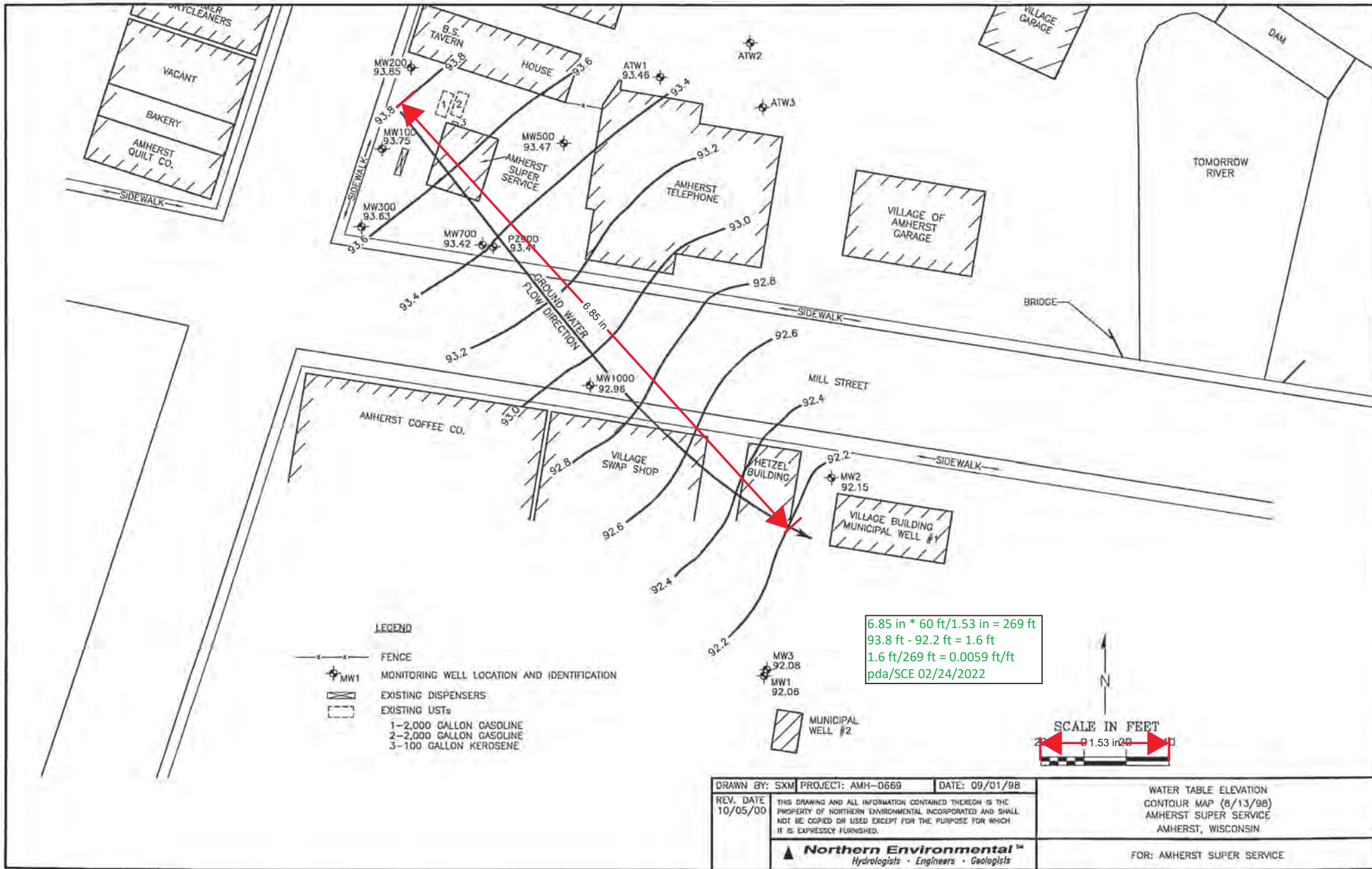
LEGEND

- FENCE
- MW100 93.31 MONITORING WELL LOCATION AND GROUNDWATER ELEVATION ON 9/13/00
- 92.8 GROUNDWATER CONTOUR LINE CONTOUR LINE INTERVAL = 0.2 FEET
- GROUNDWATER FLOW DIRECTION
- ATW1 AMHERST TELEPHONE COMPANY WELL LOCATION (INSTALLED BY REMEDIAL ENGINEERING INCORPORATED)
- MW1* MUNICIPAL MONITORING WELL LOCATION (INSTALLED BY FOTH & VAN DYKE)
- FORMER DISPENSERS
- FORMER USTs
 - 1-2,000 GALLON GASOLINE
 - 2-2,000 GALLON GASOLINE
 - 3-100 GALLON KEROSENE
- FORMER AMHERST TELEPHONE COMPANY DISPENSER ISLAND
- A FORMER AMHERST TELEPHONE COMPANY USTs
 - A-550 GALLON UNLEADED GASOLINE UST
 - B-450 GALLON LEADED GASOLINE UST

3.15 in * 40 ft/in = 126 ft
 93.4 ft - 92.8 ft = 0.6 ft
 0.6 ft/126 ft = 0.0048 ft/ft
 pda/SCE 02/24/2022

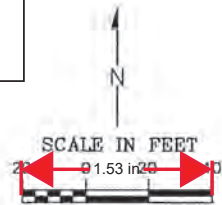


DRAWN BY: KRE	PROJECT: AMH-0669	DATE: 10/05/00	WATER TABLE ELEVATION CONTOUR MAP (9/13/00) AMHERST SUPER SERVICE AMHERST, WISCONSIN
REV. DATE	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.		
 Northern Environmental Hydrologists • Engineers • Geologists			FOR: AMHERST SUPER SERVICE

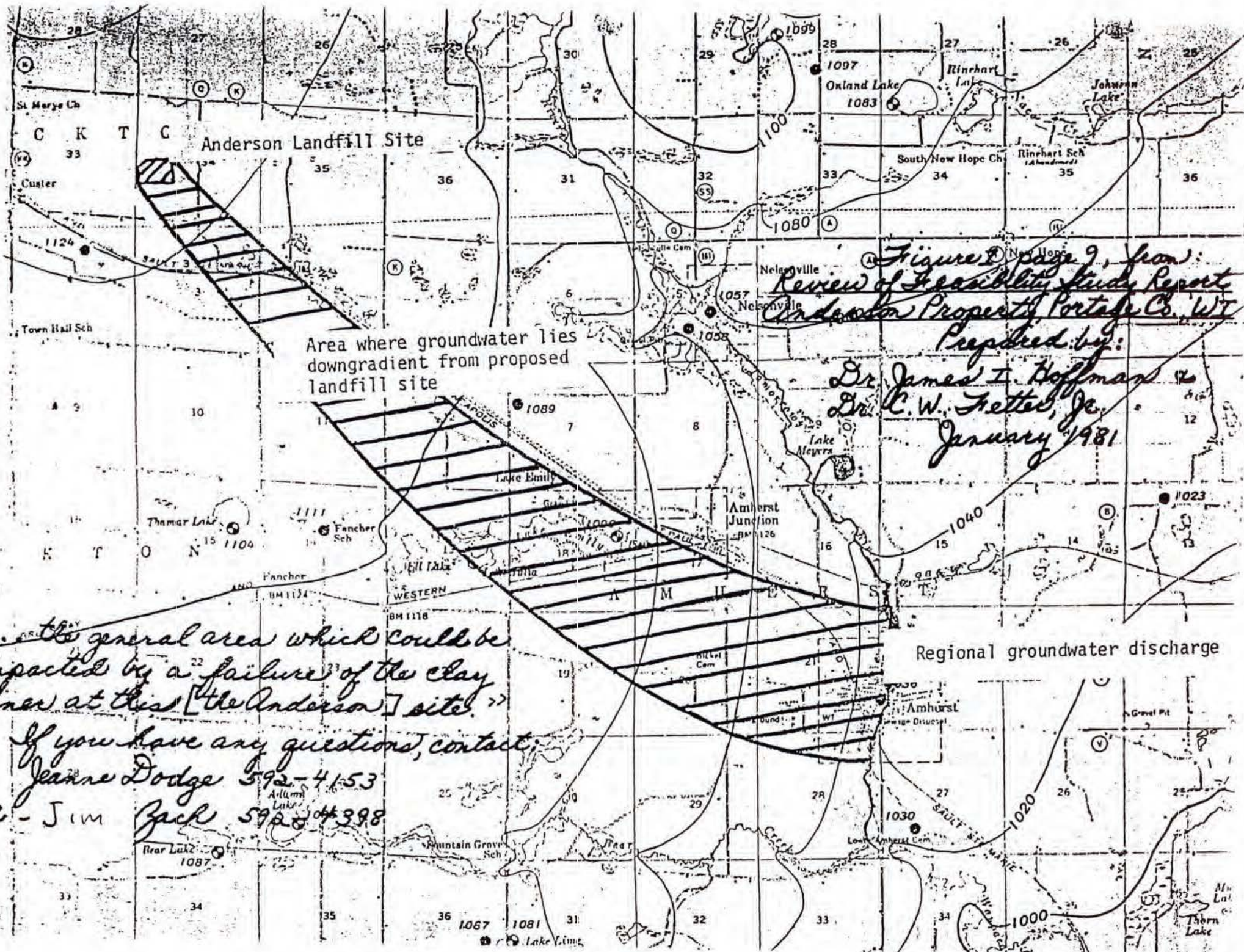


6.85 in * 60 ft/1.53 in = 269 ft
 93.8 ft - 92.2 ft = 1.6 ft
 1.6 ft/269 ft = 0.0059 ft/ft
 pda/SCE 02/24/2022

- LEGEND**
- FENCE
 - MW1 MONITORING WELL LOCATION AND IDENTIFICATION
 - EXISTING DISPENSERS
 - EXISTING USTs
 - 1-2,000 GALLON GASOLINE
 - 2-2,000 GALLON GASOLINE
 - 3-100 GALLON KEROSENE



DRAWN BY: SXM REV. DATE: 10/05/00	PROJECT: AMH-0669 THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF NORTHERN ENVIRONMENTAL INCORPORATED AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS EXPRESSLY FURNISHED.	DATE: 09/01/98 WATER TABLE ELEVATION CONTOUR MAP (8/13/98) AMHERST SUPER SERVICE AMHERST, WISCONSIN
Northern Environmental Hydrologists • Engineers • Geologists		FOR: AMHERST SUPER SERVICE



Anderson Landfill Site

Area where groundwater lies downgradient from proposed landfill site

*Figure 2, Page 9, from:
Review of Feasibility Study Report
Anderson Property, Portage Co., W.V.*

*Prepared by:
Dr. James I. Hoffman
Dr. C. W. Fetter, Jr.
January 1981*

Regional groundwater discharge

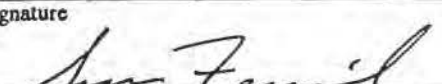
the general area which could be impacted by a failure of the clay liner at this [the Anderson] site.

*If you have any questions, contact:
Jeanne Dodge 592-4153
c - Jim Zach 592-4398*

Facility/Project Name Amherst Super Service			License/Permit/Monitoring Number		Boring Number B100
Boring Drilled By (Firm name and name of crew chief) Environmental Drilling Services. Crew Chief was Brian Repinski.			Date Drilling Started 02/16/98	Date Drilling Completed 02/16/98	Drilling Method HSA
DNR Facility Well No.	WI Unique Well No.	Common Well Name MW100	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 8.0 Inches
Boring Location State Plane N, E NW 1/4 of SW 1/4 of Section 22 T 23N,R 10E			Lat 44° 27' 04" Long 89° 17' 05"	Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
County Portage		DNR County Code 50	Civil Town/City/ or Village Amherst		

Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200		
			0	ASPHALT Blind drilled to 2.5 feet. Anticipated lithology SAND.	SP										
S101	8	4 6 15 9	2.5 - 3.5	SAND, fine to medium grained, with silt and clay organics, trace gravel, less silt and clay from (5 to 7) feet, brown (7.5YR 4/3), no odor. (SP, Mapleview Member of the Horicon Formation)	SP			0							
S102	6	14 11 5 4	3.5 - 6.5					0							
S103	6		6.5 - 8.5	SILTY SAND, trace pebbles, sand coarser from (12.5 to 17) feet, less silt from (15 to 17) feet, sand is subrounded to well rounded, brown (10YR 4/3), saturated at 9 feet, black staining at water table, strong petroleum odor from (9 to 12) feet, slight petroleum odor from (12.5 to 17) feet. (SM, Mapleview Member of the Horicon Formation)	SM			349							
S104	10		8.5 - 11.5					272							

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


Signature 	Firm Northern Environmental Tech., Inc. 954 Circle Drive, Green Bay, WI 54304 Tel: 414-592-8400, Fax: 414-592-8444
--	--

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

Facility/Project Name Amherst Super Service			License/Permit/Monitoring Number		Boring Number B200	
Boring Drilled By (Firm name and name of crew chief) Environmental Drilling Services. Crew Chief was Brian Repinski.			Date Drilling Started 02/16/98		Date Drilling Completed 02/16/98	
DNR Facility Well No.			WI Unique Well No.		Common Well Name MW200	
Boring Location State Plane N, E NW 1/4 of SW 1/4 of Section 22 T 23N N, R 10E			Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
County Portage			DNR County Code 50		Civil Town/City/ or Village Amherst	
Local Grid Location (If applicable)			<input type="checkbox"/> N <input type="checkbox"/> S		<input type="checkbox"/> E <input type="checkbox"/> W	

Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
			1	ASPHALT	ML									
			2	Blind drilled to 2.5 feet. Anticipated lithology SANDY SILT.										
S201	10	7	3	SANDY SILT, trace pebbles, dark grayish brown (10YR 4/2), no odor, no recovery from (5 to 7) feet, anticipated lithology SANDY SILT. (ML, Mapleview Member of the Horicon Formation)	ML			1						
S202		4	4											
S203	6	36	50/5	SILTY SAND, sand fine to medium grained and subangular to subrounded, trace pebbles, very dark grayish brown (10YR 3/2), no odor, moist from (7.5 to 9.5) feet, saturated at 10 feet (SM, Mapleview Member of the Horicon Formation)	SM			1						
S204	12	16	22											
		12	5											

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

Signature 	Firm Northern Environmental Tech., Inc. 954 Circle Drive, Green Bay, WI 54304 Tel: 414-592-8400, Fax: 414-592-8444
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Boring Number **B200** Use only as an attachment to Form 4400-122. Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number	Length (in) Recovered								Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
S205	24	6 5 3 2	13 14	SAND, well graded, with silt and trace pebbles, subangular to subrounded, yellowish brown (10YR 5/4), no odor. (SW, Mapleview Member of the Horicon Formation) End of Boring at 14.5 Feet.	SW			1						

Facility/Project Name Amherst Super Service			License/Permit/Monitoring Number		Boring Number B300	
Boring Drilled By (Firm name and name of crew chief) Environmental Drilling Services. Crew Chief was Brian Repinski.			Date Drilling Started 02/16/98		Date Drilling Completed 02/16/98	
DNR Facility Well No.			WI Unique Well No.		Common Well Name MW300	
Final Static Water Level Feet MSL			Surface Elevation Feet MSL		Borehole Diameter 8.0 Inches	
Boring Location State Plane N, E			Lat 44° 27' 04"		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NW 1/4 of SW 1/4 of Section 22 T 23N,R 10E			Long 89° 17' 05"		Feet	
County Portage			DNR County Code 50		Civil Town/City/ or Village Amherst	



Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200		
			1	ASPHALT Blind drilled to 2.5 feet. Anticipated lithology SANDY SILT.	ML										
S301	24	3 4 6 6	3 4	SANDY SILT, trace pebbles, dark brown (7.5YR 3/4), no odor. (ML, Mapleview Member of the Horicon Formation)	ML			1							
S302	12		5	SILTY SAND, trace pebbles, sand fine to medium grained and subangular to subrounded, brown (10YR 4/3) from (5 to 9.5) feet, dark yellowish brown (10YR 4/4) from (10 to 12) feet, no odor, saturated at 9 feet. (SM, Mapleview Member of the Horicon Formation)	SM			1							
S303	6		8					1							
S304	18		10					1							

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Boring Number **B300** Use only as an attachment to Form 4400-122. Page 2 of 2

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number	Length (in) Recovered								Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
S305	24		13 14	SAND, poorly graded, fine grained, trace silt and pebbles, subangular to subrounded, yellowish brown (10YR 5/4) from (12.5 to 14.5) feet, no odor. (SP, Mapleview Member of the Horicon Formation) End of Boring at 14.5 Feet.	SP			1						

Facility/Project Name Amherst Super Service			License/Permit/Monitoring Number		Boring Number B400	
Boring Drilled By (Firm name and name of crew chief) Environmental Drilling Services. Crew Chief was Brian Repinski.			Date Drilling Started 02/16/98		Date Drilling Completed 02/16/98	
DNR Facility Well No.			WI Unique Well No.		Common Well Name	
Final Static Water Level Feet MSL			Surface Elevation Feet MSL		Borehole Diameter 8.0 Inches	
Boring Location State Plane N, E			Lat 44° 27' 04"		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NW 1/4 of SW 1/4 of Section 22 T 23N,R 10E			Long 89° 17' 05"		Feet Feet	
County Portage			DNR County Code 50		Civil Town/City/ or Village Amherst	

Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
			1	ASPHALT Blind drilled to 2.5 feet. Anticipated lithology SANDY SILT.	ML									
S401	16	2 3 3	2 3 4	SANDY SILT, trace pebbles, dark brown (7.5YR 3/4), no odor. (ML, Mapleview Member of the Horicon Formation)	ML			1						
S402	24	4 2 2 3	5 6 7 8	SILTY SAND, sand fine grained and subrounded, trace pebbles, brown (10YR 4/3) from (6 to 9.5) feet, no odor from (6 to 8.5) feet, strong petroleum odor from (8.5 to 9) feet, saturated at 8.5 feet. (SM, Mapleview Member of the Horicon Formation)	SM			47						
S403	20	6 8 4 2	9	End of Boring at 9.5 Feet.				328						

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Facility/Project Name Amherst Super Service		License/Permit/Monitoring Number		Boring Number B500	
Boring Drilled By (Firm name and name of crew chief) Environmental Drilling Services. Crew Chief was Brian Repinski.		Date Drilling Started 02/16/98		Date Drilling Completed 02/16/98	
DNR Facility Well No.		WI Unique Well No.		Common Well Name MW500	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 8.0 Inches	
Boring Location State Plane NW 1/4 of SW 1/4 of Section 22 T 23N,R 10E		Lat 44° 27' 04" Long 89° 17' 05"		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
County Portage		DNR County Code 50		Civil Town/City/ or Village Amherst	

Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200		
			1	Blind drilled to 2.5 feet. Anticipated lithology TOPSOIL.											
S501	16	4	3	SANDY SILT, trace pebbles, more organic silt from (5 to 7) feet, dark brown (7.5YR 3/4), no odor from (2.5 to 4.5), slight petroleum odor from (5 to 7) feet, saturated at 5 feet, no recovery from (7.5 to 9.5) feet anticipated lithology SANDY SILT. (ML, Mapleview Member of the Horicon Formation)	ML			1							
S502	8	6	5												
S503	0	4	8	SAND, poorly graded, fine grained and subangular to subrounded, trace silt and pebbles, dark gray (10YR 4/1) with black staining, strong petroleum odor. (SP, Mapleview	SP			47							
S504	20	1	11												

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Boring Number **B700**

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Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number	Length (in) Recovered								Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
			13 14	SAND and GRAVEL, some silt, well graded, dark brown (7.5YR 3/2), strong petroleum odor. (GW, Mapleview Member of the Horicon Formation) End of Boring at 14 Feet.	GW									

Facility/Project Name Amherst Super Service			License/Permit/Monitoring Number		Boring Number B800	
Boring Drilled By (Firm name and name of crew chief) Environmental Drilling Services. Crew Chief was Brian Repinski.			Date Drilling Started 02/16/98		Date Drilling Completed 02/16/98	
Drilling Method HSA			Final Static Water Level Feet MSL		Surface Elevation Feet MSL	
DNR Facility Well No.	WI Unique Well No.	Common Well Name		Borehole Diameter 8.0 Inches		
Boring Location State Plane N, E			Lat 44° 27' 04"		Local Grid Location (If applicable)	
NW 1/4 of SW 1/4 of Section 22 T 23N,R 10E			Long 89° 17' 05"		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	

County Portage	DNR County Code 50	Civil Town/City/ or Village Amherst
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Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
			1	ASPHALT	SM									
			2	Blind drilled to 2.5 feet. Anticipated lithology SILT and SAND.										
S801	18	2	3	SILT and SAND changing to more SILTY SAND at 5 feet, sand fine grained, trace pebbles from (5 to 7) feet, with pebbles and coarse sand from (7.5 to 9.5) feet, brown (10YR 4/3) from (2.5 to 4.5) feet, yellowish brown (10YR 5/6) from (5 to 7) feet, very dark grayish brown (10YR 3/2) from (7.5 to 9.5) feet, no odor, saturated at 8.5 feet.	SM			1						
		2	4											
S802	12	8	5						1					
		6	6											
		6	7											
S803	3	30	8					1						
		50/4	9											
				End of Boring at 9.5 Feet.										

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

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Facility/Project Name Amherst Super Service			License/Permit/Monitoring Number		Boring Number B600
Boring Drilled By (Firm name and name of crew chief) Environmental Drilling Services. Crew Chief was Brian Repinski.			Date Drilling Started 02/16/98	Date Drilling Completed 02/16/98	Drilling Method HSA
DNR Facility Well No.	WI Unique Well No.	Common Well Name	Final Static Water Level Feet MSL	Surface Elevation Feet MSL	Borehole Diameter 8.0 Inches
Boring Location State Plane N, E NW 1/4 of SW 1/4 of Section 22 T 23N, R 10E			Lat 44° 27' 04" Long 89° 17' 05"	Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
County Portage		DNR County Code 50	Civil Town/City/ or Village Amherst		

Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200		
S601	16	2 1 1 1	0 1 2	SILTY SAND TOPSOIL, with gravel, very dark brown (10YR 2/2), no odor.				1							
S602	12	3 2 2 2	3 4	SANDY SILT, trace pebbles, dark brown (7.5YR 3/3), no odor. (ML, Mapleview Member of the Horicon Formation)	ML			1							
S603	14	3 2 3 3	5 6 7	SILTY SAND, sand fine to medium grained, more silt content from (5 to 7) feet, gravel from (5 to 7) feet, trace pebbles from (7.5 to 9.5) feet, brown (10YR 4/3) from (5 to 7) feet, very dark gray (7.5YR 3/1) staining from (7.5 to 9.5) feet, no odor from (5 to 7) feet, strong petroleum odor from (7.5 to 9.5) feet, saturated at 7.5 feet. (SM, Mapleview Member of the Horicon Formation)	SM			1							
S604	14	3 6 8 11	8 9	End of Boring at 9.5 Feet.				301							

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Facility/Project Name Amherst Super Service			License/Permit/Monitoring Number		Boring Number B700	
Boring Drilled By (Firm name and name of crew chief) Environmental Drilling Services. Crew Chief was Brian Repinski.			Date Drilling Started 02/16/98		Date Drilling Completed 02/16/98	
DNR Facility Well No.			WI Unique Well No.		Common Well Name MW700	
Final Static Water Level Feet MSL			Surface Elevation Feet MSL		Borehole Diameter 8.0 Inches	
Boring Location State Plane N, E NW 1/4 of SW 1/4 of Section 22 T 23N, R 10E			Lat 44° 27' 04" Long 89° 17' 05"		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
County Portage			DNR County Code 50		Civil Town/City/ or Village Amherst	

Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
S701	6	2 2 7	0 1 2	SILTY SAND TOPSOIL, with gravel, very dark brown (10YR 2/2), no odor.				1						
S702	6	3 2 2 2	3 4 5 6	SILTY SAND, sand fine to medium grained and subangular to subrounded, trace pebbles, brown (10YR 4/3), no odor. (SM, Mapleview Member of the Horicon Formation)	SM			1						
S703	5	2 3 4 5	7 8 9 10					1						
S704	12	10 8 7 4	11 12 13 14	SAND, poorly graded, subangular, with silt and trace gravel, brown (10YR 5/3), strong petroleum odor, saturated at 7.5 feet. (SP, Mapleview Member of the Horicon Formation)	SP			66						
S705	0	4 4 3 3	15 16 17 18											

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

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Facility/Project Name Amherst Super Service			License/Permit/Monitoring Number		Boring Number B900	
Boring Drilled By (Firm name and name of crew chief) Environmental Drilling Services. Crew Chief was Brian Repinski.			Date Drilling Started 05/06/98		Date Drilling Completed 05/06/98	
DNR Facility Well No.		WI Unique Well No.	Common Well Name PZ900		Final Static Water Level Feet MSL	
Boring Location State Plane NW 1/4 of SW 1/4 of Section 22 T 23N,R 10E		N, E		Lat 44° 27' 04"		Local Grid Location (If applicable)
County Portage		DNR County Code 50		Civil Town/City/ or Village Amherst		

Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
			1	Blind drilled to 12.5 feet. Lithology assumed to be the same as B700 located 4 feet from boring. SILTY SAND TOPSOIL										
			2											
			3	SILTY SAND	SM									
			4											
			5											
			6											
			7											
			8	SAND	SP									
			9											
			10											
			11											
			12											

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

Signature

Firm


Northern Environmental Tech., Inc.
954 Circle Drive, Green Bay, WI 54304
Tel: 414-592-8400, Fax: 414-592-8444

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Facility/Project Name Amherst Super Service		License/Permit/Monitoring Number		Boring Number B1000	
Boring Drilled By (Firm name and name of crew chief) Environmental Drilling Services. Crew Chief was Brian Repinski.		Date Drilling Started 05/06/98		Date Drilling Completed 05/06/98	
DNR Facility Well No.		WI Unique Well No.		Common Well Name MW1000	
Final Static Water Level Feet MSL		Surface Elevation Feet MSL		Borehole Diameter 8.0 Inches	
Boring Location State Plane NW 1/4 of SW 1/4 of Section 22 T 23N, R 10E		Lat 44° 27' 04" Long 89° 17' 05"		Local Grid Location (If applicable) <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
County Portage		DNR County Code 50		Civil Town/City/ or Village Amherst	

Sample Number	Length (in) Recovered	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments		
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200			
			1	ASPHALT Blind drilled to 2.5 feet.												
S1001	20	2	2	SANDY SILT, dark grayish brown (2.5Y 4/2), no odor. (Mapleview Member of the Horicon Formation)	SM			0								
		3	3													
		1	4													
S1002	14	1	5					0								
		3	6													
		7	7													
S1003	8	3	8	SAND, fine to medium grained, trace silt, subrounded, poorly graded, dark grayish brown (10YR 4/1) from (7.5 to 9.5) feet, brown (10YR 5/3) from 9.5 to 14.5 feet, no odor, saturated at 7.5 feet. (SP, Mapleview Member of the Horicon Formation)	SP			0								
		1	9													
		6	10													
S1004	24	5	10					0								
		5	11													
		5	11													
		5	12													

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Boring Number **B1000**

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Page **2** of **2**

Sample		Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number	Length (in) Recovered								Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	P 200	
S1005	20	5 7 9 10	13 14	End of Boring at 14.5 Feet.				0						

**Appendix E
Property History dated February 16, 2008**

2-16-08

ENVIRONMENTAL ISSUES CONCERNING 157 N MAIN ST, AMHERST, WI 54406

Tests by an independent laboratory show slightly elevated non-acceptable levels of tetrachloroethene, (possibly referred to as PERC for short, call Mark Dawson or Ryan Haney at 715-824-5169 for a better explanation, if needed). I believe the report shows a level 13 and the acceptable levels are 5 and I believe that is in parts per billion. Again, ask Mark or Ryan if need be.

I DON'T THINK THIS IS IMPORTANT TO THE ISSUE OF RESPONSIBILITY, BUT IT MAY ASSIST IN REMEDIATING THE SITUATION.

From conversation with Wayne Patoka Feb 12, 2008 at 9:31:

The history, as best I was able to find, was that Wayne Patoka built the building around 1975. It was designed to be a Laundromat, with one (1) self-service dry cleaning machine. He sold the business and building to Tim Quella around the winter of 1980-81 (Quella was uncertain as to this time line). Mr. Patoka indicated that the dry cleaning machine was NOT a moneymaker indicating minimal use. Mr. Patoka also said that he did not have any chemical storage in the back yard of the premises, nor did he ever dump any such waste there.

Mr. Wayne Patoka can be reached at 6304 Cty Rd DD, Amherst, WI 715-824-3906 (he is presently on vacation, but checks his messages frequently)

From conversation with Tim Quella Feb 11, 2008 around 4 PM.

According to Mr. Quella, in a conversation with me around 4 PM of Feb 11, 2008, from there, the enterprise was owned and operated by Tim Quella until around 1993, when it ceased operation. **I do not know when the machines were removed and did not ask that question of Mr. Quella.** He said he had a 55-gallon drum of the cleaning solvent in question in the back yard. He said the company he bought the chemical from may have spilled some when they delivered it, but he wasn't sure and he didn't recall having spilled any himself. He also said that there was a question of acceptable levels of contaminants by the DNR at an earlier time (during his ownership) but that he wasn't sure when that was. **He did not elaborate upon the DNR's findings of the situation at that time. Perhaps there is a way to get the DNR to search their archives for that report.**

Mr. Quella can be reached at 7228 Cty Rd EE, Bancroft, WI 54921, 715-344-5505

NEITHER OF THE ABOVE PARTIES WERE EVER LICENSED, AS THAT WAS A CHOICE, NOT A REQUIREMENT AT THAT TIME. LICENSING BECAME MANDATORY IN 1997, ACCORDING TO MARK DAWSON OF SAND CREEK CONSULTANTS, INC.

The building is presently owned by Dale and Carol Newman, aka Newman Enterprises and has been since Oct of '04.

When we bought it, my wife and I do not recall that Mr. Quella made any comments regarding any environmental issues.

Respectfully submitted:

Dale Newman

Dale Newman, 824-7646-fax 824-7629 - cell 715-498-3307

Carol Newman

Carol J Newman

cell 715-348-3219

Mubs 920-915-9729