



Consulting
Engineers and
Scientists

Phase 2 Subsurface Assessment

1300 Cleveland Avenue
City of Wausau, Marathon County, Wisconsin

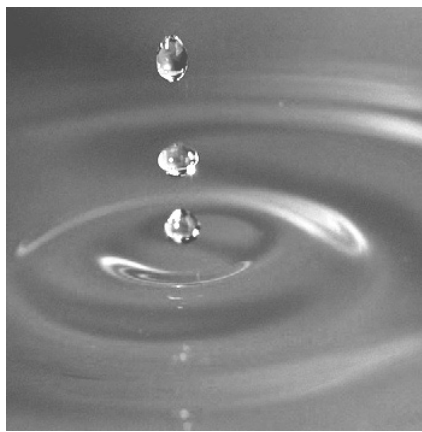
Submitted to:

City of Wausau – Engineering
407 Grant Street
Wausau, Wisconsin 54403

Submitted by:

GEI Consultants, Inc.
3159 Voyager Drive
Green Bay, Wisconsin 54311
mdebraske@geiconsultants.com
920.455.8200 fax: 847.984.3532

January 22, 2021
Project 2004400





Consulting
Engineers and
Scientists

January 22, 2021
Project 2004400

Mr. Eric Lindman
City of Wausau – Engineering
407 Grant Street
Wausau, Wisconsin 54403

**Re: Phase II Subsurface Assessment Report
1300 Cleveland Avenue
Wausau, Wisconsin**

Dear Eric,

GEI Consultants, Inc. (GEI) is pleased to provide the results of the Phase II Subsurface Assessment completed at your request for the site at 1300 Cleveland Avenue in the City of Wausau, Marathon County, Wisconsin. As indicated herein, based on concentrations of organic and inorganic analytes detected in soil and groundwater samples collected at the site, it is our interpretation that as the owner of the site, the City has an obligation to report these results to the Wisconsin Department of Natural Resources (WDNR) in accordance with Wisconsin Statute §292.11(2) and Wisconsin Administrative Code §NR 706.05. Upon notification, we anticipate the WDNR will open a regulatory case and require additional assessment and/or remedial action to obtain case closure.

We thank you for the opportunity to provide these services. Please contact us with any questions or for further discussion.

Sincerely,

GEI CONSULTANTS, INC.

A handwritten signature in black ink that reads "Michael L. DeBraske".

Michael L. DeBraske, P.E.
Senior Project Engineer

A handwritten signature in black ink that reads "Roger A. Miller".

Roger A. Miller, P.G.
Senior Hydrogeologist

Copy: Mr. Kevin Fabel
City of Wausau

Table of Contents

| | |
|---|-----------|
| Table of Contents | i |
| 1. Introduction | 1 |
| 1.1 Scope and Application | 1 |
| 1.2 Site Description..... | 1 |
| 1.3 Background..... | 1 |
| 1.4 Local Geology and Hydrogeology..... | 3 |
| 2. Investigative Procedures | 4 |
| 2.1 Schedule and Climate | 4 |
| 2.2 Soil Borings | 4 |
| 2.3 Soil Sample Collection and Preservation..... | 4 |
| 2.4 Groundwater Monitoring Wells..... | 6 |
| 2.5 Groundwater Sample Collection and Preservation | 6 |
| 2.6 Decontamination | 8 |
| 2.6.1 General Procedures | 8 |
| 2.6.1 PFAS Procedures | 8 |
| 2.7 Monitoring Well and Borehole Abandonment | 9 |
| 2.8 Geospatial Data Collection | 9 |
| 3. Results | 10 |
| 3.1 Field Screening Results..... | 10 |
| 3.2 Laboratory Analytical Results | 12 |
| 3.2.1 Regulatory Framework | 12 |
| 3.2.2 Soil Sample Analytical Results..... | 14 |
| 3.2.3 Groundwater Sample Analytical Results | 18 |
| 3.2.4 Equipment Blank Water Sample Analytical Results | 19 |
| 4. Conclusions and Recommendations | 20 |
| 4.1 Conclusions..... | 20 |
| 4.2 Recommendations..... | 22 |
| 5. General Qualifications | 24 |

Tables

1. Soil Analytical Summary
2. Groundwater Analytical Summary

Figures

1. Site Location Map
2. Site Zoning Map
3. Sample Location Diagram

Appendices

- A. Soil Boring Logs
- B. Photographic Log
- C. Laboratory Analytical Reports

1. Introduction

1.1 Scope and Application

GEI Consultants, Inc. (GEI) was retained by the City of Wausau (City) to complete a Phase II Subsurface Assessment (Phase II) of a property located at 1300 Cleveland Avenue in the City of Wausau, Marathon County, Wisconsin (the “site”). The objective of the Phase II was to evaluate soil and groundwater quality on the site so that environmental conditions can be considered as part of a comprehensive site redevelopment plan.

1.2 Site Description

The site is an approximately 6.8-acre portion of Tax Parcel No. 291-2907-354-0965, a tax parcel which is identified by Marathon County as being comprised of 6.915 acres of land partly in the southwest quarter of the southeast quarter of Section 35, Township 29 North and Range 7 West. The parcel is located east of Cleveland Avenue and south of West Thomas Street and is identified by Marathon County as having a legal description of: *Parcel 2 of CSM Volume 29, Page 114 (#7651) and Parcel 3 of CSM Volume 21, Page 134 (#5816) (EX ROW @ DOC #1779786)*. The location of the site is presented on a Site Location Map included as Figure 1.

The site is currently owned by the City and zoned as Medium Industrial (MI). Adjoining properties to the south and west are also zoned MI, while the adjoining property to the north is zoned Urban Mixed Use (UMU) and adjoining properties to the east (across Cleveland Avenue) are largely zoned Two-Flat Residential (TF-10). One property to the east, in the northeast quadrant of the Cleveland Avenue and Adrian Street intersection is currently zoned Multi-Family Residential (MRL-8). The portion of the City’s zoning map that includes the site location and nearby properties is presented on a Site Zoning Map included as Figure 2.

The site is currently developed with an approximately 2,000-square-foot, single-story, steel-framed storage building on a concrete slab foundation that is being leased by a sewer and water utility contractor, a concrete slab foundation and concrete recessed loading docks associated with a former larger industrial building that was razed and removed in 2019, and areas of concrete and asphalt pavement associated with the former industrial building. The City currently uses a portion of the site for log and wood chip storage and the utility contractor currently uses a portion of the site for staging of sewer and water piping.

1.3 Background

A Phase I Environmental Site Assessment (Phase I ESA) was completed for the site in February 2020 (*REI, Phase I Environmental Site Assessment Report, Former Business Incubator, 1300 Cleveland Avenue, Wausau, WI 54401, February 4, 2020*). Available information

suggests that the site was historically associated with a larger area of land, inclusive of the adjoining properties to the north and south, that had been developed for manufacturing and/or commercial purposes since at least the 1950s, and occupied by Conner Forest Industries (CFI) from the 1950s through the mid-1980s. CFI's operations reportedly consisted of cabinetmaking, which included the production of plywood and use of various glues, paints, stains, finishes, solvents, and petroleum products (including in several aboveground storage tanks [ASTs]). As described below and in Section 4.1, the portion of the site where ASTs were formerly operated was the subject of a Wisconsin Department of Natural Resources (WDNR) Environmental Repair Program (ERP) case which was closed in the 1990s.

The February 2020 Phase I ESA provided the following conclusions regarding the site:

- *The investigation of the Connor Forest Industries property in the 1980s was reviewed by the WDNR experts at the time which also had substantial involvement in the investigation and often were on site when site activities took place. Thus, they had extensive knowledge of the site from a firsthand basis. Thus, they responded with requiring no additional investigation. Thus, REI has concluded this a Historical Recognized Environmental Condition (HREC). When additional information did come forward, the WDNR opened a case in 1994 and once again reviewed all documents and closed the ERP case. Thus, REI has concluded this a Historical Recognized Environmental Condition (HREC).*
- *Although it does not meet the definition of a REC, one (1) observation made by many of the previously identified reports was the presence of 3M "rock flour" observed throughout the site. Inhalation is the only concern for exposure through the respiratory system. Therefore, the presence of this material on this site is identified as a Recognized Environmental Condition (REC) only when it is encountered and exposed by excavation activities as to allow for the material to become airborne to allow for exposure through breathing.*

The February 2020 Phase I ESA suggests that the past investigation of CFI was related to historical complaints and Wisconsin Department of Natural Resources (WDNR) staff observations of solid waste disposal occurring on the CFI property in the early 1980s. The February 2020 Phase I ESA includes a detailed discussion of the numerous records reviewed that resulted in a determination that historical investigations of the site represented a HREC.

After consideration of the February 2020 Phase I ESA, The City of Wausau's Economic Development (ED) Committee elected to pursue environmental sampling at the site, which resulted in the solicitation of proposals (via a Request for Proposals [RFP] document dated August 2020) from several environmental consulting firms for completion of a pre-defined scope of services including laboratory analysis of soil and groundwater samples for organic and inorganic analytes. This report documents the completion of that scope of services and provides conclusions and recommendations based comparisons of laboratory analytical results to current State of Wisconsin regulatory standards.

1.4 Local Geology and Hydrogeology

The Department of the Interior United States Geological Survey publication *Water Resources of Wisconsin, Central Wisconsin River Basin, Hydrologic Investigations Atlas HA-367, 1971*, indicates the site is in an area of glacial deposits that overly Precambrian-age crystalline bedrock described as being igneous and metamorphic rocks that are hard, dense, and may be fractured or weathered. The glacial deposits along the Wisconsin River are identified as unpitted outwash consisting of stratified sand and gravel with some clay and silt. In some areas, the glacial deposits may have been reworked and deposited as alluvium. The depth to bedrock in the region is variable, but is anticipated to be approximately 75 to 100 feet deep near the site location.

The U.S. Department of Agriculture, Natural Resource Conservation Service (NRCS) Web Soil Survey maps Mahtomedi loamy sand, 0% to 6% slopes, in the western portion of the site and Udorthents, loamy, gently sloping in much of the eastern portion of the site, with a thin section of the eastern portion of the site along Cleveland Avenue being mapped as Dunnville fine sandy loam, 1% to 4% slopes. The Mahtomedi series is described as being excessively drained soils located on outwash plains and stream terraces, having depths to a restrictive feature and water table of more than 80 inches, and generally consisting of a thin layer of loamy sand to a depth of approximately 8 inches overlying layers of sand to a depth of at least 60 inches. Udorthents are generally described as being areas where original soil has been excavated and/or covered with loamy fill material; the soils are described as being well drained, having depths to a restrictive feature and water table of more than 80 inches, and generally consisting of fine sandy loam to a depth of at least 60 inches. The Dunnville series is described as being moderately well drained soils located on stream terraces, having depths to a restrictive feature and water table of more than 80 inches, and generally consisting of a thin layer of fine sandy loam to a depth of approximately 8 inches, overlying layers of loam and sandy loam to a depth of approximately 36 inches, all overlying sand to a depth of at least 60 inches.

Regional groundwater flow direction is generally toward the Wisconsin River and major tributaries (*Water Resources of Wisconsin, Central Wisconsin River Basin, Hydrologic Investigations Atlas HA-367, 1971*). Locally, groundwater flow direction is anticipated to be east-southeast toward the Wisconsin River which is located approximately 0.5 miles from the site. Based on topography and observations completed during the field exploration, the depth to groundwater on the site ranges between approximately 25 and 32 feet.

Refer to Section 3.1 for a description of site-specific conditions encountered during the field exploration.

2. Investigative Procedures

2.1 Schedule and Climate

GEI and a subcontract environmental probe firm (Geiss Soil & Samples, LLC [Geiss] of Merrill, Wisconsin) accessed the site on October 12 and 13, 2020, to complete the Phase II field exploration. Weather conditions on October 12 were overcast, windy, and mild (50 to 60 degrees Fahrenheit) with periods of moderate rain in the morning and early afternoon. Weather conditions on October 13 were fair to overcast, windy, mild (50 to 60 degrees Fahrenheit), and dry.

2.2 Soil Borings

Twenty-two (22) soil borings were advanced using hydraulic direct-push (i.e., Geoprobe) technology on the site, with 19 of the borings (SB-1 to SB-19) being advanced to a depth of approximately 12 feet below ground surface (bgs) for collection of soil samples and 3 of the borings (SBGW-1 to SBGW-3) being advanced to depths between approximately 28 feet and 32 feet for collection of soil samples, installation of temporary groundwater monitoring wells, and collection of groundwater samples.

Prior to advancement of the soil borings, public utilities were marked through a notification to Wisconsin Digger's Hotline and private utilities were cleared at the boring locations by a private utility locating firm retained by Geiss. The borings were generally advanced at the locations specified in the August 2020 RFP, which were marked by the City with field stakes (in unpaved areas) or paint (on paved areas) prior to the field exploration. Some adjustments to boring locations were made on the days of field exploration as necessary, with pre-approval from the City, to avoid public or private utilities and/or due to the presence of stored materials (logs, water and sewer piping, etc.) that prohibited access to the proposed location.

The locations of soil borings advanced and temporary monitoring wells installed during the Phase II are illustrated on the Sample Location Diagram, presented as Figure 3. Photographic documentation of site conditions and a few of the assessment locations is included on a Photographic Log presented in Appendix A.

2.3 Soil Sample Collection and Preservation

Soil samples were collected by advancing a 4-foot-long, 2-inch-diameter Macrocore sampler. As the sampler was retrieved, soils were preliminarily classified in the field and sub-samples were retained for field screening and laboratory analyses. Soil samples were field-screened by visual and olfactory observations, and using a photoionization detector (PID) equipped with a 10.6-electron volt lamp to qualitatively assess the presence of volatile organic compounds (VOCs). Information regarding soil types, drilling conditions, field-screening

results, apparent depth to water (if evident) and approximate locations of stratigraphic changes were noted at the time of sampling and documented on the field logs. Soil classifications were based upon the texture and plasticity of the soil, in general accordance with the Unified Soil Classification System (USCS).

Soil samples selected for laboratory analysis were placed in appropriate containers provided by the laboratory and immediately placed into a cooler with ice for temporary field storage. Each soil sample container was labeled with the sample location, sample depth, sample preservative (if applicable), sample date and time, and project number. The samples were maintained in a cooler with ice during the fieldwork and until they could be delivered to the analytical laboratory. Generally, two soil samples for laboratory analysis were collected at each boring location.

Soil samples for laboratory analysis were submitted under chain-of-custody control to Pace Analytical Services, Inc. in Green Bay, Wisconsin (Pace), for analysis of organic and inorganic analytes specified in the August 2020 RFP. Assessed analytes included Polycyclic Aromatic Hydrocarbons (PAHs); Priority Pollutant Metals (PP Metals), including antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, and zinc; hexavalent chromium; VOCs; Pentachlorophenol (PCP); Per- and Polyfluoroalkyl Substances (PFAS); and 1,4-dioxane. PAHs, PP Metals, PCP, and VOCs were to be assessed at each boring location and at each selected sample interval. Hexavalent chromium was to be assessed only at select locations based on total chromium results. PFAS and 1,4-dioxane were to be assessed only at a few randomly-selected locations for spatial coverage across the site.

A summary of laboratory samples collected and parameters assessed in soil at each boring location is provided below.

| Soil Parameters & Method | Probe Locations & Depths | |
|--|---|---|
| <p>VOCs <i>EPA Methods 8260 & 5035/5030B</i></p> <p>Semi-Volatile Organic Compounds (SVOCs), including PAHs and PCP <i>EPA Methods 8270 & 3546</i></p> <p>PP Metals <i>EPA Methods 6010 & 3050, 7471</i></p> | SB-1 (4'-8') (10'-12') SB-2 (0'-4') (4'-8') SB-3 (0'-4') (8'-12') SB-4 (0.5'-4') (8'-12') SB-5 (0'-4') (8'-12') SB-6 (0'-4') (8'-12') SB-7 (0'-4') (8'-12') SB-8 (0'-4') (8'-12') SB-9 (0'-4') (8'-12') SB-10 (0'-4') (8'-12') SB-11 (0'-4') (8'-12') | SB-12 (0'-4') (8'-12') SB-13 (0.5'-4') (8'-12') SB-14 (0'-4') (4'-8') SB-15 (0'-4') (8'-12') SB-16 (0'-4') (8'-12') SB-17 (0'-4') (8'-12') SB-18 (0.5'-4') (10'-12') SB-19 (0.5'-4') (8'-12') SBGW-1 (3'-7') (11'-15') SBGW-2 (0.5'-4') (12'-16') SBGW-3 (0'-4') (8'-12') |
| <p>1,4-dioxane <i>EPA Methods 8270 & 3546</i></p> | SB-2 (0'-4') (4'-8') SB-4 (0.5'-4') (8'-12') SB-8 (0'-4') (8'-12') | SB-14 (0'-4') (4'-8') SB-15 (0'-4') (8'-12') SB-19 (0.5'-4') (8'-12') |

| Soil Parameters & Method | Probe Locations & Depths | |
|--|---|---|
| <i>Hexavalent Chromium</i> <i>EPA Methods 7196A & 3060A</i> | SB-2 (4'-8') | |
| <i>PFAS</i> <i>EPA Methods 7196A & 3060A</i> | SB-2 (0'-4') SB-4 (8'-12') SB-8 (0'-4') | SB-14 (0'-4') SB-15 (8'-12') SB-19 (8'-12') |

Soil samples for VOC analysis were preserved in the field at the time of collection by placing a 10-gram portion of soil into a pre-tared, laboratory-provided, 40-milliliter (ml) vial containing 10 ml of laboratory grade methanol. Soil samples for PP Metals, hexavalent chromium and SVOC analysis (including PAHs, PCP, and 1,4-dioxane) were unpreserved and prepared by packing laboratory-provided, glass and/or plastic containers full or nearly-full with soil. Soil samples for PFAS analysis were unpreserved and prepared by packing laboratory-provided and certified PFAS-free glass containers full or nearly-full with soil. Excess soil generated during sampling was returned to the hole from which it was retrieved prior to boring abandonment.

Soil Boring Logs prepared based on soil types, field-screening results, and other notes recorded on field logs at the time of fieldwork, document the sampling and are included in Appendix B.

2.4 Groundwater Monitoring Wells

Following the collection of soil samples, a small diameter (“temporary”) groundwater monitoring well was installed at probe locations SBGW-1, SBGW-2, and SBGW-3 to facilitate collection of groundwater samples for evaluation of shallow groundwater quality. At locations SBGW-1 and SBGW-2, the temporary well was installed at the termination depth of the boring. At location SBGW-3, a retractable stainless-steel sampling device was driven approximately four feet beyond the completed boring depth and the temporary well was installed at the termination depth of the sampling device. Each temporary well was constructed of a 10-foot section of 1-inch inside diameter, polyvinyl chloride (PVC), slotted well screen attached to a solid PVC riser pipe.

2.5 Groundwater Sample Collection and Preservation

Temporary wells at SBGW-1 and SBGW-2 were purged and sampled using a peristaltic pump operated at a flow rate of approximately 0.5 gallons per minute (gal/min). To complete the purging and sampling, an approximately 0.5 foot-long piece of flexible silicone tubing was placed through the pump head and, on the suction end of the silicone tubing, attached to a section of more rigid low-density polyethylene (LDPE) tubing extending from the pump head into the well casing. The LDPE tubing in each well casing was maintained a few inches above the bottom of the well to reduce the potential for clogging by sediment. A second piece of

LDPE was fitted to the discharge end of the silicone tubing to facilitate collection of the groundwater samples. Prior to collection of samples, groundwater was purged from each well until the water appeared free of turbidity, which generally required the removal of approximately 1 to 1.5 gallons of water. Due to the completed depth at SBGW-3, which was beyond the operating range of the peristaltic pump, the temporary well at SBGW-3 was purged and sampled manually using a clean stainless-steel foot valve fitted to the end of a section of LDPE tubing extending into the well casing. Prior to the collection of a sample, groundwater was manually purged for approximately 20 to 30 minutes, resulting in the removal of approximately 2.5 to 3 gallons of water. Unlike the wells at SBGW-1 and SBGW-2, which appeared clear of turbidity at the time of sample collection, the groundwater sample collected from SBGW-3 still included moderate turbidity at the time of sample collection. Purge water generated during sampling was thin-spread on the concrete foundation of the former industrial building and allowed to evaporate.

Groundwater samples selected for laboratory analysis were placed in appropriate containers provided by the laboratory and immediately placed into a cooler with ice for temporary field storage. Each groundwater sample container was labeled with the sample location, sample preservative (if applicable), sample date and time, and project number. The samples were maintained in a cooler with ice during the fieldwork and subsequently delivered to the analytical laboratory under chain-of-custody control. Groundwater samples for laboratory analysis were submitted under chain-of-custody control to Pace for analysis of organic and inorganic analytes specified in the August 2020 RFP, which included PAHs, PP Metals, PCP, and VOCs at each location.

Groundwater samples collected for analysis of dissolved metals were field filtered prior to sample preservation. Field filtering was completed using a disposable 0.045-micron filter attached to the discharge end of the silicone tubing on the peristaltic pump. At least one filter volume of water was pumped through the filter before the groundwater sample was collected in the laboratory-supplied container. A new disposable filter was used for each well.

Groundwater samples for VOC analysis were preserved in the field at the time of collection by filling three laboratory provided, 40-milliliter (ml) vials containing hydrochloric acid to a zero headspace condition. Groundwater samples for PP Metals analysis were preserved in the field at the time of collection by filling one laboratory provided, 250-ml plastic bottle containing nitric acid to a full or nearly-full condition. Groundwater samples for PAHs and PCP analysis were unpreserved and prepared by filling one laboratory-provided, 1,000-ml glass container to a full or nearly-full condition.

2.6 Decontamination

2.6.1 General Procedures

Down-hole soil sampling equipment was decontaminated before arriving to the site, prior to its initial use, and between probe locations to reduce the potential for cross-contamination between sample locations. Sample tools (Macrocore sampler, fittings, etc.) were cleaned prior to arriving to the site and between sample intervals using an Alconox[®] or equivalent detergent wash, followed by a potable water rinse. Water generated during decontamination was contained by Geiss and transported off site for disposal. Equipment used for groundwater sampling (tubing) was disposable and was replaced prior to the collection of each sample or was decontaminated prior to arriving to the site (stainless steel foot valve) using an Alconox[®] or equivalent detergent wash, followed by a potable water rinse. The disposable equipment, including soil sampling acetate liners, tubing, and sampling gloves, were contained by GEI or Geiss in plastic bags after being used and transported off site for disposal.

2.6.1 PFAS Procedures

Acetate liners were used in the Macrocore sampler for collection of soil samples and powder-less nitrile gloves were used when handling sampling equipment, containers, and soil. Additionally, down-hole sampling equipment used at the locations where soil samples were planned to be collected for PFAS analysis were cleaned and rinsed using the procedures above and then subjected to a second rinse prior to use with PFAS-free water provided by Pace in laboratory prepared containers. GEI personnel also followed some of the other PFAS sampling guidance outlined in various publicly-available government documents (e.g., Michigan Department of Environment, Great Lakes, and Energy [EGLE]), such as not using or applying sunscreen or bug spray that may contain PFAS and not eating fast food the day prior to or during sampling, but is unable to confirm that Geiss also followed this same guidance. Additionally, because of the moderate rainfall that occurred earlier in the day while collecting samples at other locations (those that did not require collection of PFAS samples), some clothing that was donned and doffed from field personnel prior to advancement of borings for PFAS sample collection may have been manufactured with protective coatings containing PFAS.

One water sample was collected from the final PFAS-free water rinse of the Macrocore sampler prior to initial use at one location (SB-4) and was submitted as an Equipment Blank to Pace for laboratory analysis of PFAS to evaluate the decontamination procedures. The Equipment Blank water sample and all soil samples for PFAS analysis were collected in PFAS-free containers provided by Pace.

2.7 Monitoring Well and Borehole Abandonment

Following the collection of soil and groundwater samples, well materials were removed and the boreholes were abandoned by filling with bentonite chips to the ground surface in general accordance with the procedures outlined in Chapter NR 141, Wisconsin Administrative Code.

2.8 Geospatial Data Collection

Following the abandonment of the boreholes, geospatial information for each boring and well location was retrieved using Trimble Geographical Positioning System (GPS) equipment (Trimble R8S Receiver) and the Wisconsin Continuously Operating Reference Stations (WISCORS) network of GPS sites. The information retrieved for each location included northings and eastings in the Marathon County, Wisconsin Coordinate System and elevations using the North American Vertical Datum of 1988. This geospatial information was used to develop the Sample Location Diagram (Figure 3) and further evaluate groundwater depths observed in borings advanced at the site.

3. Results

3.1 Field Screening Results

Subsurface conditions encountered during the Phase II varied at each probe location as shown on the Boring Logs. Generally, subsurface conditions at the boring locations are characterized by layers of fine to coarse sand and silty sand fill, in various colors including light gray, brown and black, overlying apparent native fine, medium, and coarse sand and gravel to the boring termination depths. Based on a review of the February 2020 Phase I ESA and other information available online for the site, some of the fill observed in borings during the Phase II may be sand and silty fine sand material that originated from the nearby 3M facility located north of the site along Rosecrans Street. Prior reports describe this 3M fill as being granules and “rock flour” byproducts from 3M’s roofing granule manufacturing process, with the “rock flour” being characterized as a gray to gray-brown silty fine sand. During the Phase II exploration, observations of gray silty fine sand layers and/or layers of sand with flecks of white, green or red were noted at several boring locations, primarily in the southern, central, and eastern portions of the site. A tabular summary of fill observations for the 22 borings advanced during this Phase II is provided below, with more detail being provided on the boring logs.

| Site Position (N. to S.) | Site Position (W. to E.) | Boring | Boring Depth | Estimated Fill Depth | Notes |
|--------------------------|--------------------------|--------|--------------|----------------------|---|
| North | West | SBGW-3 | 32' | 0' - 4.0' | |
| North | West | SB-15 | 12' | 0' - 7.0' | |
| North | Central | SB-16 | 12' | 0' - 5.0' | |
| North | Central | SB-18 | 12' | 0' - 5.0' | |
| North | Central | SB-19 | 12' | 0' - 2.5' | |
| North | Central | SBGW-2 | 32' | 0' - 3.0' | |
| North | East | SB-17 | 12' | 0' - 12' | Lt. Gray Silty Fine Sand (~6'-7') |
| Central | West | SB-10 | 12' | 0' - 5.5' | |
| Central | Central | SB-7 | 12' | 0' - 5.0' | Lt. Gray Silty Fine Sand (~2'-4') |
| Central | Central | SB-8 | 12' | 0' - 6.0' | Lt. Gray and Black Mixed Silty Fine Sand (~2'-6') |
| Central | Central | SB-11 | 12' | 0' - 4.0' | Lt. Gray Silty Fine Sand (~0.5'-2') |
| Central | Central | SB-12 | 12' | 0' - 6.0' | Lt. Gray Silty Fine Sand (~1'-3') |

| Site Position (N. to S.) | Site Position (W. to E.) | Boring | Boring Depth | Estimated Fill Depth | Notes |
|--------------------------|--------------------------|--------|--------------|----------------------|--|
| Central | Central | SB-13 | 12' | 0' - 2.0' | |
| Central | East | SB-9 | 12' | 0' - 9.0' | Lt. Gray to Brown Silty Fine Sand (~6'-9') |
| Central | East | SBGW-1 | 28' | 0' - 12' | Lt. Gray Silty Fine Sand (~2'-10') |
| Central | East | SB-14 | 12' | 0' - 7.0' | Lt. Gray Silty Fine Sand (~2'-3'); Black Silty Sand with Red & White Flecks (~4'-7') |
| South | West | SB-1 | 12' | 0' - 6.5' | Lt. Gray Silty Fine Sand (~3'-6'); Cinders (~6'-6.5') |
| South | West | SB-4 | 12' | 0' - 4.0' | |
| South | Central | SB-2 | 12' | 0' - 9.5' | Brown to Red-Brown Silty Fine Sand with Green & White Flecks (~2.5'-5'); Lt. Gray to Gray-Brown Silty Fine Sand (~5'-7.5') |
| South | Central | SB-5 | 12' | 0' - 9.0' | Lt. Gray Silty Fine Sand (~2.5'-3') |
| South | East | SB-3 | 12' | 0' - 11.5' | Lt. Gray Silty Fine Sand (~5.5'-8') |
| South | East | SB-6 | 12' | 0' - 11.0' | Lt. Gray Silty Fine Sand (~4'-9') |

PID field screening results are presented on the boring logs. The PID was calibrated prior to initial operation using a calibration gas standard of 100 parts per million (ppm) isobutylene. The PID was used for qualitative assessment of a wide range of volatile analytes that may have been encountered during sampling, rather than a quantitative assessment of a specific analyte. Therefore, the PID was not programmed with an analyte-specific correction factor prior to initial operation. PID readings for soil samples collected from the probe locations were all equal to or less than 0.1 ppm, which is considered representative of background conditions. Furthermore, obvious petroleum, solvent or other odors suggestive of environmental impairment were not observed during sampling.

Groundwater infiltration into the open boreholes and well casings was evident during the field exploration at locations SGBW-1, SBGW-2, and SBGW-3, with the depth to groundwater being estimated at approximately 25 to 26 feet bgs at SGBW-1, 29 to 31 feet bgs at SBGW-2, and 32 to 33 feet bgs at SBGW-3. Geospatial data collected during the Phase II indicates that the ground surface elevations at SBGW-1 and SBGW-2 are similar (within a few inches) to each other but approximately 5 feet lower than the ground surface elevation at SBGW-3. Boreholes and temporary wells were only allowed to remain open for brief periods of time. Therefore, while the depth to groundwater on the site appears to range

between approximately 25 and 33 feet bgs, and the groundwater flow direction is anticipated to be generally east-southeast toward the Wisconsin River, data collected during this Phase II is not sufficient to confirm a groundwater flow direction across the site. Additionally, the depth to groundwater encountered during future activities could be shallower or deeper due to annual and/or seasonal variations in local precipitation.

3.2 Laboratory Analytical Results

3.2.1 Regulatory Framework

Wisconsin regulates soil conditions through several environmental rules and regulations. Chapter NR 720 of the Wisconsin Administrative Code presents the approved methodology to establish cleanup standards for soil impacts that will result in the restoration of the environment to the extent practicable. Under NR 720, methodologies are presented for establishing soil cleanup standards (i.e., Residual Contaminant Levels [RCLs]) for the protection of groundwater quality and protection of human health from direct contact (inhalation, ingestion, or dermal).

Three general soil cleanup standards can be calculated using this methodology and the exposure and toxicity assumptions recommended by the WDNR and/or Environmental Protection Agency (EPA):

- Non-Industrial Direct Contact Pathway – concentration of a particular chemical which, if present in the soil, represents a potential risk to human health as a result of inhalation or ingestion under exposure conditions characteristic of a non-industrial land use.
- Industrial Direct Contact Pathway – concentration of a particular chemical which, if present in the soil, represents a potential risk to human health as a result of inhalation or ingestion under exposure conditions characteristic of an industrial land use.
- Groundwater Pathway – concentration of a particular chemical which, if present in the soil, represents a potential risk to groundwater quality. Groundwater quality standards used to establish the Groundwater Pathway RCL generally correspond to federal drinking water standards or Wisconsin Enforcement Standards for groundwater.

Wisconsin has also established Background Threshold Values (BTVs) for particular substances by completing a statistical evaluation of soil samples collected from across the state in areas considered to be undisturbed and/or devoid of obvious anthropogenic influences. BTVs are summarized in the WDNR's R&R Program RCL Spreadsheet (RR-052e), which was last updated in December 2018. A BTV is considered to be the concentration of a substance that is categorically accepted as not exceeding naturally-occurring background levels. Per WDNR guidance and NR 720.07(3), Wisconsin Administrative Code, a substance detected in soil at a concentration above the RCL, but below the BTV, is not considered to be an exceedance of the RCL and does not need to be identified as such on summary tables or figures.

The general soil cleanup standards presented in NR 720 should not be interpreted as mandatory compliance standards. Rather, these limits are based on general toxicity values and exposure conditions and are intended to be used to evaluate the general environmental risk related to a property. Wisconsin regulations allow parties to meet soil cleanup standards by using protections (i.e. performance standards) that can be incorporated into development plans. A soil performance standard implemented to reduce the risk of direct contact typically consists of capping the surface where contaminants are present within four feet of the ground surface. Capping material may consist of a surface barrier such as soil, geomembrane, asphalt, or concrete and does not necessarily need to be impermeable if contaminants are not likely to leach from soil. If contaminants exceeding direct contact RCLs are present at depths greater than 4 feet, a performance standard to limit direct contact exposure is imposed by listing the site on the WDNR database and requiring proper management of contaminated material if excavated in the future.

A soil performance standard can also be implemented where soil contamination threatens groundwater quality. If contaminants exceeding groundwater pathway RCLs are present, an impermeable barrier may be an effective performance standard remedy to reduce contaminant leaching from soil to groundwater. If soil contamination and groundwater contamination above ES levels are both present, natural attenuation of groundwater contaminants can also serve as a soil performance standard, provided naturally occurring processes are containing and reducing the mass and concentration of groundwater contaminants, and groundwater contaminant concentrations can be reduced to levels below the ES within a reasonable time period.

Groundwater quality is regulated under Chapter NR140, Wisconsin Administrative Code. This administrative code establishes numerical standards for the protection of human health and the environment. Under Chapter NR140, two sets of groundwater standards are established: the Enforcement Standard (ES) and the Preventive Action Limit (PAL). The ES is generally consistent with the federal drinking water standard or maximum contaminant level (MCL), and the PAL is 10%, 20%, or 50% of the ES depending on the health-related characteristics of the particular substance. Ten percent is used for cancer-causing substances, 20% for substances with other health effects, and 50% for substances having aesthetic concerns. Both an ES and PAL have been established for substances of Public Health and Public Welfare concern. Substances of Public Health concern include those that have carcinogenic, mutagenic, or teratogenic properties. Comparatively, Public Welfare Standards are established for substances that might cause taste, color, or odor concerns.

If these numerical groundwater standards are exceeded, specific reporting and response action is required. The WDNR has the regulatory authority to require action to control, monitor, or mitigate conditions to the extent technically and economically feasible. Where a PAL is attained or exceeded, the WDNR is required to evaluate the situation and take actions necessary to reduce the concentration of the substance below the PAL or at the lowest concentration feasible. When a substance is detected in the groundwater at concentrations

equal to or greater than its ES, the activity, practice, or facility that is the source of the substance is subject to immediate enforcement action. Unlike a PAL, when an ES has been attained or exceeded, the WDNR must prohibit the continuation of the activity from which the substance came, unless it is demonstrated to the agency that an alternative response will achieve compliance with the ES.

3.2.2 Soil Sample Analytical Results

Soil sample analytical results are presented on Table 1, with only parameters detected above laboratory minimum detection limits (MDLs) being summarized. Complete lists of assessed parameters and associated results are provided in the laboratory reports included in Appendix C.

VOCs, PCP, and 1,4-dioxane were not detected above the MDLs in any of the soil samples submitted for analysis. The VOC laboratory results are consistent with field screening observations which did not reveal odors or elevated PID readings. Hexavalent chromium also was not detected above the MDL in the one soil sample submitted to further evaluate a detected concentration of total chromium above the BTV. PFAS (Perfluorooctanesulfonic acid) was detected in each soil sample submitted for analysis; however, the concentrations were reported at levels between the MDL and the limit of quantitation (LOQ), which means that the reported concentrations are estimated at values below the quantitation limit. The estimated PFAS concentrations are several orders of magnitude below currently published RCLs for PFAS, which are non-industrial direct contact and industrial direct contact RCLs.

Metals were detected in soil at concentrations exceeding the BTV, groundwater pathway RCL, non-industrial direct contact RCL and/or industrial direct contact RCL. Additionally, PAHs were also detected in soil at concentrations exceeding the groundwater pathway, non-industrial direct contact, and/or industrial direct contact RCLs.

A summary of BTV (B), groundwater pathway (G) RCL, non-industrial direct contact (NI) RCL, and industrial direct contact (I) RCL exceedances in soil are summarized below. Also summarized below is the soil type characterized for each sample at the time of collection, designated as fill (F), possible fill (P), native (N), or a combination (e.g., F/P, F/N, or P/N).

| Soil Sample BTV and RCL Exceedances | | | | | | | | | | | | | | | | | |
|-------------------------------------|----------|-----------|-----------|---------|---------|----------|--------|--------|---------|----------|----------|--------------------|----------------|----------------------|----------|------------------------|------------------------|
| Sample | | | PP Metals | | | | | | | | | PAHs | | | | | |
| Location | Interval | Soil Type | Antimony | Arsenic | Cadmium | Chromium | Copper | Lead | Mercury | Selenium | Thallium | Benzo(a)anthracene | Benzo(a)pyrene | Benzo(b)fluoranthene | Chrysene | Dibenzo(a,h)anthracene | Indeno(1,2,3-cd)pyrene |
| SB-1 | 4'-8' | F/N | -- | -- | -- | B | -- | -- | -- | -- | NI G | -- | -- | -- | G | -- | -- |
| SB-1 | 8'-12' | N | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-2 | 0'-4' | F | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-2 | 4'-8' | F | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-3 | 0'-4' | F | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-3 | 8'-12' | F/N | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-4 | 0.5'-4' | F | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | NI | -- | G | -- | -- |
| SB-4 | 8'-12' | N | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-5 | 0'-4' | F | -- | -- | -- | -- | B | -- | -- | -- | -- | -- | NI G | NI G | G | -- | -- |
| SB-5 | 8'-12' | F/N | -- | -- | -- | -- | -- | B G | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-6 | 0'-4' | F | -- | -- | -- | -- | -- | -- | G | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-6 | 8'-12' | F/N | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-7 | 0'-4' | F | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-7 | 8'-12' | N | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

| Soil Sample BTV and RCL Exceedances | | | | | | | | | | | | | | | | | |
|-------------------------------------|----------|-----------|-----------|-------------------|---------|----------|--------|--------|---------|----------|----------|--------------------|----------------|----------------------|----------|------------------------|------------------------|
| Sample | | | PP Metals | | | | | | | | | PAHs | | | | | |
| Location | Interval | Soil Type | Antimony | Arsenic | Cadmium | Chromium | Copper | Lead | Mercury | Selenium | Thallium | Benzo(a)anthracene | Benzo(a)pyrene | Benzo(b)fluoranthene | Chrysene | Dibenzo(a,h)anthracene | Indeno(1,2,3-cd)pyrene |
| SB-8 | 0'-4' | F | G | B I NI G | -- | -- | B | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- |
| SB-8 | 8'-12' | P/N | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-9 | 0'-4' | F | G | -- | -- | -- | B | B G | -- | G | NI G | -- | NI G | -- | G | -- | -- |
| SB-9 | 8'-12' | F/N | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-10 | 0'-4' | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | G | -- | -- |
| SB-10 | 8'-12' | N | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-11 | 0'-4' | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-11 | 8'-12' | N | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-12 | 0'-4' | F | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-12 | 8'-12' | N | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-13 | 0.5'-4' | F | -- | -- | -- | -- | B | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-13 | 8'-12' | N | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-14 | 0'-4' | F | -- | -- | -- | -- | -- | -- | -- | -- | NI G | NI | I NI G | NI G | G | NI | NI |
| SB-14 | 4'-8' | F/N | G | -- | B G | -- | B | B G | -- | -- | -- | NI | I NI G | NI G | G | -- | NI |

| Soil Sample BTV and RCL Exceedances | | | | | | | | | | | | | | | | | |
|-------------------------------------|----------|-----------|-----------|---------|---------|----------|--------|--------|---------|----------|----------|--------------------|----------------|----------------------|----------|------------------------|------------------------|
| Sample | | | PP Metals | | | | | | | | | PAHs | | | | | |
| Location | Interval | Soil Type | Antimony | Arsenic | Cadmium | Chromium | Copper | Lead | Mercury | Selenium | Thallium | Benzo(a)anthracene | Benzo(a)pyrene | Benzo(b)fluoranthene | Chrysene | Dibenzo(a,h)anthracene | Indeno(1,2,3-cd)pyrene |
| SB-15 | 0'-4' | F | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-15 | 8'-12' | P/N | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-16 | 0'-4' | F | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-16 | 8'-12' | N | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-17 | 0'-4' | F | G | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-17 | 8'-12' | F | G | -- | -- | -- | B | B G | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-18 | 0.5'-4' | F | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-18 | 10-12' | N | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SB-19 | 0.5'-4' | F/N | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SB-19 | 8'-12' | N | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SBGW-1 | 3'-7' | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SBGW-1 | 11'-15' | F/N | -- | -- | -- | -- | -- | -- | -- | -- | NI G | -- | -- | -- | -- | -- | -- |
| SBGW-2 | 0.5'-4' | F/N | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SBGW-2 | 12'-16' | N | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SBGW-3 | 0'-4' | F | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| SBGW-3 | 8'-12' | P/N | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Analytical results for several soil samples, most notably SB-6 (0'-4') and SB-6 (8'-12'), included elevated MDLs for PAHs even though no volatile or semi-volatile compounds were identified. This suggests that the samples required dilution due to either a matrix interference or presence of non-target analytes. Based on correspondence with Pace, the elevated MDLs for the SB-6 samples were caused by the presence of several peaks on the late end of the chromatogram, none of which produced a definite identifiable spectrum that could be discerned by Pace analysts.

Thallium was detected in 21 of the 44 soil samples submitted for analysis, both in fill and apparent native soils, with detected concentrations ranging between 0.8 and 1.7 milligrams per kilogram (mg/kg). Thallium is a relatively rare but widely dispersed element that is present in coal and sulfide ores of zinc, copper, and lead. Thallium in the environment can be the result of both natural and anthropogenic sources, with commonly cited anthropogenic sources being atmospheric deposition of fly ash from the combustion of coal and operation of cement kilns and disposal of wastes from coal combustion (i.e., coal combustion byproducts) and ferrous and nonferrous smelting operations. Industrially, thallium has been used in the manufacture of electronics, low-temperature thermometers, semiconductors, optical lenses, and imitation precious jewels, and in the preparation of high-density liquids. Thallium was also used historically as an insecticide and rodenticide, but its commercial and consumer use as such was banned in the United States and many other countries in the 1970s. Natural processes can also mobilize thallium from geological sources, where high concentrations in bedrock and ore can lead to enrichment of thallium in soil layers. We understand that thallium was not specifically targeted as a contaminant of concern based on the known history of the site but rather, was included coincidentally when for thoroughness, the City selected PP Metals for the August 2020 RFP. Based on a review of the February 2020 Phase I ESA and other online resources, there are no known current or prior sources of thallium at the site related to historical site occupancies/uses. Because the concentrations of thallium at the site are relatively consistent and were detected in both fill and apparent native soils, the thallium detections may be indicative of background conditions resulting from natural geologic processes and/or atmospheric deposition.

3.2.3 Groundwater Sample Analytical Results

Groundwater sample analytical results are presented on Table 2, with only parameters detected above laboratory MDLs being summarized. Complete lists of assessed parameters and associated results are provided in the laboratory reports included in Appendix C.

VOCs and PCP were not detected above the MDLs in any of the groundwater samples submitted for analysis. A few metals (arsenic, copper, and/or nickel) were detected in each groundwater sample; however, the detected concentrations are below the PALs. Thallium was not detected above the MDL in any of the groundwater samples, which is notable because thallium was detected in soil at SBGW-1 at a concentration (1.4 mg/kg) on the upper end of the range of thallium concentrations detected in site soils during the Phase II. This

suggests that although thallium is present in site soils, it has not adversely impacted groundwater quality.

Several PAHs were detected in each groundwater sample submitted for analysis; however, except for chrysene, the detected concentrations are below the PALs. Chrysene was detected above the MDL but below the LOQ in each groundwater sample submitted for analysis, with the estimated values being equal to the PAL (0.2 micrograms per liter [ug/L]) at SBGW-2 and above the PAL (but below the ES) at SBGW-1 (0.027 ug/L) and SBGW-3 (0.052 ug/L). It should be noted that unlike samples collected from SBGW-1 and SBGW-2, groundwater sample SBGW-3 had slight to moderate turbidity at the time of collection; therefore, the results are likely biased high due to solids and not indicative of chrysene present solely in the dissolved phase.

3.2.4 Equipment Blank Water Sample Analytical Results

Laboratory analytical results indicate that PFAS (Perfluorooctanesulfonic acid) was detected in the equipment blank water sample collected from the final PFAS-free water rinse of the Macrocore used for soil sampling at boring SB-4. The concentration was reported at a level between the MDL and LOQ, which means that the reported concentration is estimated at values below the quantitation limit. The reported concentration (1.3 nanograms per liter [ng/L]) is below the regulatory limit (Preventive Action Limit) for groundwater currently being considered by the WDNR (2.0 ng/L). Given that there were periods of moderate rainfall on the day of sampling, there is a potential for the PFAS detection in the equipment blank to be associated with atmospheric deposition rather than other factors (e.g., residues from sampling or decontamination procedures). Regardless, even if low levels of PFAS were potentially introduced into the soil samples due to external factors such as precipitation, it is our opinion that such potential residues from external factors had a negligible effect on the PFAS soil sample results, because the reported concentration of PFAS in the equipment blank water sample is several orders of magnitude below the concentrations of PFAS detected in soil samples.

Laboratory analytical results for the equipment blank water sample are provided in the same laboratory report for PFAS soil samples included in Appendix C.

4. Conclusions and Recommendations

4.1 Conclusions

Subsurface sampling completed during this Phase II revealed the presence of fill soil at each assessment location, including sand fill with characteristics similar to those described in prior site reports as being granules and “rock flour” byproducts from 3M’s roofing granule manufacturing process. Fill thickness and characteristics varied at each assessment location but generally, thicknesses were greater and the presence of possible 3M byproducts was more pronounced in the southern and eastern portions of the site. Excluding the visual characteristics noted above, no field evidence of potential environmental impact was observed during the field exploration; PID instrument readings were representative of background conditions and no apparent solvent or petroleum odors were noted during sampling.

Laboratory analytical results identified several metals in soil at concentrations above the applicable groundwater pathway RCLs, including antimony at four boring locations (SB-8, SB-9, SB-14 and SB-17), arsenic at one boring location (SB-8), cadmium at one boring location (SB-14), lead at four boring locations (SB-5, SB-9, SB-14 and SB-17), mercury at one boring location (SB-6), selenium at one boring location (SB-9), and thallium at 15 of the 22 boring locations (all locations except SB-5, SB-8, SB-13, SB-17, SB-19, SBGW-2, and SBGW-3). Concentrations of thallium at the 15 boring locations where it was detected above the MDL also exceed the non-industrial direct contact RCL. The concentration of arsenic in the one soil sample that exceeds the groundwater pathway RCL also exceeds the non-industrial direct contact RCL, and industrial direct contact RCL. Most of the metals detections above RCLs are associated with soil samples collected entirely from fill intervals or from intervals that included a mix of fill and apparent native soils. However, at least a few of the thallium detections above RCLs are associated with apparent native soils (SB-10 [8’-12’], SB-11 [8’-12’], SB-12 [8’-12’] and SB-18 [10’-12’]). Groundwater results for boring locations SBGW-1, SBGW-2, and SBGW-3, which did not identify thallium or other metals above the MDLs or applicable PALs, suggest that the concentrations of metals detected in site soils are not adversely impacting groundwater quality. However, thallium was the only metal detected in soil above a groundwater pathway RCL at the locations where groundwater samples were collected (thallium was only detected in soil at SBGW-1).

Laboratory analytical results identified PAHs above applicable RCLs at seven boring locations (SB-1, SB-4, SB-5, SB-8, SB-9, SB-10, and SB-14). An industrial direct contact RCL exceedance was identified for benzo[a]pyrene at SB-14. Non-industrial direct contact RCL exceedances were identified for benzo(a)anthracene at SB-14; benzo(a)pyrene at SB-4, SB-5, SB-8, SB-9, and SB-10; benzo[b]fluoranthene at SB-5 and SB-14; dibenzo(a)anthracene at SB-14; and Indeno(1,2,3-cd)pyrene at SB-14. Groundwater pathway RCL exceedances were identified for benzo(a)pyrene at SB-5, SB-8, SB-9, SB-10 and SB-14; benzo[b]fluoranthene

at SB-5 and SB-14; and chrysene at SB-1, SB-4, SB-5, SB-9, SB-10, and SB-14. Except at one sample location and sample interval (SB-10 [0'-4']), the detections of PAHs above RCLs appear to be associated with either dark brown, dark brown to black, and black silty fine sand fill that was encountered and sampled at those locations. At SB-10, the elevated PAHs are associated with a fill layer comprised of brown medium to coarse sand. Groundwater results for borings SBGW-1, SBGW-2, and SBGW-3, did not identify PAHs above the PALs, except for chrysene at SBGW-1 and SBGW-3, which was detected at a concentration between the MDL and LOQ. Local groundwater flow direction is anticipated to be east-southeast toward the Wisconsin River, which is located approximately 0.5 miles from the site. Because SBGW-3 is in the far northwest portion of the site and PAHs were not detected in soil at that location, the PAH detections in groundwater at SBGW-3 and possibly also at the other groundwater assessment locations may be influenced by an upgradient offsite source.

The most elevated detections of PAHs in soil were identified at boring SB-14, which was advanced in the east-central portion of the site, slightly northeast of the storage building. Based on a review of the February 2020 Phase I ESA and other available online information, this is an area that historically included several aboveground storage tanks (ASTs) of liquid products (stains and finishes) used by Connor Forest Industries for cabinet finishing. The number, sizes, and specific contents of the ASTs, as well as the duration of their use on the site is unknown; however, available information suggests that they were removed prior to 1986. An environmental regulatory case (WDNR Activity No. 02-37-000575) was opened in 1994 to address impacted soils and buried piping discovered in the same general area of the site during the removal of a concrete slab that reportedly was the foundation for the former ASTs. The regulatory case achieved closure in 1995 following the removal of the slab, removal of piping runs that extended several hundred feet west to the former industrial building (approximately the last 10 to 12 linear feet of piping runs near the industrial building reportedly were not removed at the time due to structural concerns for the building), completion of soil and groundwater assessment (which was limited to VOCs), and the offsite disposal of impacted soils from an approximately 5-foot by 5-foot by 10-foot deep excavation completed at the east end of the piping runs (in the general vicinity of SB-14). PAHs were not assessed in this area of the site as part of the former regulatory case; therefore, PAH results for soil samples collected from SB-14 cannot be directly compared to prior data. However, unlike VOC data generated during the prior regulatory case (which primarily identified ethylbenzene, toluene, and xylene impacts in excavated soil, but also included low-level chlorinated VOC detections), soil analytical results at SB-14 did not identify any VOCs above the MDLs. Therefore, while there could be an association with the former AST systems, elevated PAHs detected in soil at SB-14 may also be associated with historical placement of fill soil, similar to other Phase II assessment locations.

4.2 Recommendations

Based on the results of soil and groundwater sampling completed during this Phase II, it is our interpretation that as the owner of this site, the City has an obligation to report these results to the WDNR in accordance with Wisconsin Statute §292.11(2) and Wisconsin Administrative Code §NR 706.05. Upon notification, we anticipate the WDNR will open a regulatory case and require the City to complete additional assessment and/or remedial action as appropriate to obtain case closure.

The degree and extent of additional assessment and remedial action required by the WDNR to obtain regulatory case closure will in part be dictated by the desired end use of the site (i.e., industrial versus commercial or residential). Regardless of the end use, the WDNR may require further assessment of groundwater quality on the site related to PAHs and possibly metals detections in soil above BTVs and groundwater pathway RCLs. If the site remains zoned for industrial use, the WDNR would allow the City to rely on industrial direct-contact RCLs for case closure, which may limit additional soil assessment and remedial action activities to the areas where industrial direct contact exceedances were identified (arsenic at SB-8 and PAHs at SB-14). At these areas, we anticipate that excavation and/or capping of impacted soils will ultimately be required to achieve case closure. Additional soil assessment and/or remedial action for an industrial closure may also be necessary for areas where PAHs and metals exceed a groundwater pathway RCL, unless groundwater data successfully demonstrates that soil conditions are not degrading groundwater quality. If industrial standards are used to achieve regulatory case closure, redevelopment post-closure would be restricted to industrial uses unless at some future time, the case is voluntarily re-opened and further assessment and remedial action is completed to achieve closure using non-industrial standards.

If the City elects to pursue regulatory case closure using non-industrial standards, we anticipate more substantial assessment and remedial action activities being required to address areas where non-industrial direct contact exceedances were identified. This may include not only areas where PAHs were detected, but also areas where thallium was detected above the non-industrial direct contact RCL. Although the thallium concentrations in soil may be indicative of background conditions resulting from natural geologic processes and/or atmospheric deposition, there is a potential that the WDNR may require remedial action (e.g., excavation/capping) to address those exceedances under a non-industrial land use scenario. The WDNR may also require further assessment of thallium and PAHs in soil depending on the remedial action selected by the City and the degree to which that remedial action is applied to the site (e.g., site-wide versus targeted). Attempts to define the extent of non-industrial direct contact exceedances may prove problematic, because the detections may be related to fill and results of the Phase II suggest that fill is likely ubiquitous on the site.

Regardless of the future use of the site, these Phase II results suggest that much of the shallow soil present on the site, as well as some deeper soil, would be considered a solid waste if/when

excavated and require offsite disposal at a licensed landfill and/or special approval from the WDNR for onsite management during future redevelopment.

After a regulatory case is opened, we recommend a meeting with the WDNR to review the Phase II results, discuss redevelopment alternatives being considered for the site, and determine the degree and extent of additional assessment and remedial action that would be required by the WDNR to obtain regulatory case closure under various redevelopment scenarios. After a pathway to closure is identified, we recommend that a Site Investigation Work Plan (SIWP) be prepared and formal review and comment on that SIWP be requested from the WDNR so that the objectives of the assessment are clearly defined and consistent with WDNR expectations for the selected pathway to closure.

5. General Qualifications

Conclusions presented herein are based on our professional interpretation of information collected during the Phase II. Our conclusions are limited by the accuracy and completeness of information provided by others. Therefore, if additional information is disclosed or an alteration of the information occurs, the conclusions presented in this report may need to be revised.

Conclusions presented herein are also based on subsurface conditions as revealed in the borings completed during the Phase II. Stratification lines shown on the boring logs represent the approximate boundaries between soil/material types. Variations in subsurface conditions may exist both in the horizontal and vertical directions away from the boring locations.

This report was prepared on behalf of the City so that environmental conditions can be considered as part of a comprehensive site redevelopment plan. We recommend that this report be used only for the purposes intended by GEI and the City at the time of issuance. This report may be unsuitable for other uses, and reliance on this report by anyone other than the City, is done at the sole risk of the user.

Tables

Table 1 Soil Analytical Summary

Table 2 Groundwater Analytical Summary

Table 1
Soil Analytical Summary
 1300 Cleveland Avenue
 Wausau, WI

| Laboratory Analytes | | Wisconsin Regulatory Standards ^{1,2} | | | | Location | | | | | | | | | | | | | | | | | |
|--|------------|---|-------------------|---------------|----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | SB-1 | SB-1 | SB-2 | SB-2 | SB-3 | SB-3 | SB-4 | SB-4 | SB-5 | SB-5 | SB-6 | SB-6 | SB-7 | SB-7 | SB-8 | SB-8 | | |
| Name & CAS # | | BTV | Non Industrial DC | Industrial DC | GW | Depth (ft) | 4 - 8 | 8 - 12 | 0 - 4 | 4 - 8 | 0 - 4 | 8 - 12 | 0.5 - 4 | 8 - 12 | 0 - 4 | 8 - 12 | 0 - 4 | 8 - 12 | 0 - 4 | 8 - 12 | 0 - 4 | 8 - 12 | |
| | | | | | | PID (ppm) | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| | | | | | | Date | 10/12/20 | 10/12/20 | 10/12/20 | 10/12/20 | 10/12/20 | 10/12/20 | 10/12/20 | 10/12/20 | 10/12/20 | 10/13/20 | 10/13/20 | 10/13/20 | 10/13/20 | 10/12/20 | 10/12/20 | 10/12/20 | 10/12/20 |
| PRIORITY POLLUTANT METALS^{3,4} (mg/kg) | | | | | | | | | | | | | | | | | | | | | | | |
| Antimony | 7440-36-0 | NE | 31.3 | 467 | 0.542 | | < 1.3 | < 0.91 | < 0.87 | < 0.84 | < 0.89 | < 0.89 | < 0.84 | < 0.81 | < 0.88 | < 1.2 | < 0.85 | < 1.0 | < 0.83 | < 0.84 | 4.5 | < 0.77 | |
| Arsenic | 7440-38-2 | 8* | 0.677 | 3.0 | 0.584 | | 7.0 | < <1.7 | 2.1 J | < 1.6 | < 1.6 | 3.1 | < 1.5 | < 1.5 | < 1.6 | < 2.3 | 1.9 J | < 1.9 | < 1.5 | < 1.5 | 9.3* | < 1.7 | |
| Beryllium | 7440-41-7 | NE | 156 | 2,300 | 6.32 | | 0.49 J | 0.24 J | 0.25 J | 0.41 J | 0.24 J | 1.3 | 0.27 J | 0.27 J | 0.33 J | 0.37 J | 0.30 J | 0.43 J | 0.30 J | 0.19 J | < 0.23 | 0.12 J | |
| Cadmium | 7440-43-9 | 1 | 71 | 985 | 0.752 | | 0.27 J | < 0.15 | 0.33 J | < 0.14 | 0.19 J | < 0.15 | < 0.14 | < 0.13 | 0.34 J | 0.40 J | 0.54 | < 0.17 | < 0.14 | < 0.14 | 0.87 J | < 0.13 | |
| Chromium, Total ⁵ | 7440-47-3 | 44* | 100,000 | 100,000 | 360,000 | | 55.4* | 12.4 | 40.9 | 5.6 | 18.3 | 11.4 | 7.6 | 13 | 8.3 | 16.3 | 16.9 | 13.5 | 0.55 J | 6.3 | 7.7 | 5.2 | |
| Copper | 7440-50-8 | 35* | 3,130 | 46,700 | 91.6 | | 31.3 | 11 | 9.4 | 4.9 | 7.7 | 8.8 | 8.3 | 15.3 | 41.1* | 26.6 | 10.7 | 5.8 | 3.4 | 7.1 | 75.8* | 5.1 | |
| Lead | 7439-92-1 | 52* | 400 | 800 | 27 | | 32.5 | 2.1 J | 15.9 | 11.7 | 15 | 43.6 | 4.6 | 2.2 | 28.3 | 212* | 25.5 | 36.5 | 6.2 | 1.6 J | 35.9 | 0.87 J | |
| Nickel | 7440-02-0 | 31 | 1,550 | 22,500 | 13.06 | | 15.1 | 9.0 | 8.3 | 1.6 | 6.1 | 5.5 | 5.2 | 11.5 | 5.9 | 12.9 | 5.0 | 3.4 | 0.77 J | 6.7 | 10.6 | 4.7 | |
| Selenium | 7782-49-2 | NE | 391 | 5,840 | 0.52 | | < 2.2 | < 1.5 | < 1.4 | < 1.4 | < 1.5 | < 1.5 | < 1.4 | < 1.3 | < 1.4 | < 2.0 | < 1.4 | < 1.7 | < 1.4 | < 1.4 | < 2.5 | < 1.3 | |
| Silver | 7440-22-4 | NE | 391 | 5,840 | 0.8491 | | < 0.51 | < <0.35 | < 0.34 | < 0.33 | < 0.34 | < 0.34 | < 0.32 | < 0.31 | < 0.34 | < 0.48 | 0.36 J | < 0.40 | 0.33 J | < 0.32 | < 0.59 | < 0.30 | |
| Thallium | 7440-28-0 | NE | 0.782 | 11.7 | 0.284 | | 1.7 J | < 0.88 | 1.1 J | 0.87 J | 0.87 J | 1.3 J | 1.0 J | < 0.78 | < 0.85 | < 1.2 | 1.0 J | 1.6 J | 1.4 J | < 0.82 | < 3.0 | < 0.75 | |
| Zinc | 7440-66-6 | NE | 23,500 | 100,000 | NE | | 87.1 | 16.6 | 63.7 | 32.6 | 61.4 | 118 | 37.7 | 18.2 | 68.7 | 168 | 61.2 | 60.4 | 38.9 | 9.6 | 349 | 7.9 | |
| Mercury | 7439-97-6 | NE | 3.13 | 3.13 | 0.208 | | < 0.017 | < 0.011 | 0.089 | < 0.010 | 0.055 | < 0.011 | < 0.010 | < 0.010 | 0.038 J | 0.024 J | 0.26 | < 0.013 | < 0.010 | < 0.011 | 0.024 J | < 0.011 | |
| Hexavalent Chromium | 18540-29-9 | NE | 0.301 | 6.36 | NE | | < 0.888 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| SEMI-VOLATILE ORGANIC COMPOUNDS³ (ug/kg) | | | | | | | | | | | | | | | | | | | | | | | |
| Anthracene | 120-12-7 | NE | 1.79E+07 | 1.00E+08 | 196,949 | | < 222 | < 31.0 | < 30.4 | < 30.3 | < 30.1 | < 31.1 | < 141.0 | < 27.4 | 387 J | < 45.1 | < 605 | < 744 | < 143 | < 30.1 | < 516 | < 28.1 | |
| Benzo(a)anthracene | 56-55-3 | NE | 1,140 | 20,800 | NE | | < 215 | 47.7 J | 74.4 J | < 29.3 | < 29.1 | < 30.1 | 162 J | < 26.6 | 1080 | < 43.7 | < 586 | < 721 | < 139 | < 29.2 | < 500 | < 27.2 | |
| Benzo(a)pyrene | 50-32-8 | NE | 115 | 2,110 | 470 | | < 209 | 85.2 J | 118 | < 28.5 | 39.7 J | < 29.3 | 177 J | 28.1 J | 907 | < 42.4 | < 570 | < 701 | < 135 | < 28.3 | 587 J | < 26.5 | |
| Benzo(b)fluoranthene | 205-99-2 | NE | 1,150 | 21,100 | 478.1 | | < 238 | 85.2 J | 122 | < 32.5 | < 32.3 | < 33.4 | 226 J | < 29.5 | 1430 | < 48.4 | < 650 | < 800 | < 154 | < 32.4 | < 554 | < 30.2 | |
| Benzo(g,h,i)perylene | 191-24-2 | NE | NE | NE | NE | | < 363 | 89.8 J | 89.3 J | < 49.5 | 62.3 J | < 50.9 | < 231 | < 44.9 | 791 | < 73.8 | < 990 | < 1220 | < 235.0 | < 49.3 | < 844 | < 46.0 | |
| Benzo(k)fluoranthene | 207-08-9 | NE | 11,500 | 211,000 | NE | | < 332 | 71.9 J | 111 J | < 45.3 | < 45.1 | < 46.6 | < 211 | < 41.1 | 554 J | < 67.5 | < 906 | < 1110 | < 215 | < 45.1 | < 773 | < 42.1 | |
| Chrysene | 218-01-9 | NE | 115,000 | 2.11E+07 | 144.2 | | 213 J | 58.2 J | 92.7 J | < 28.3 | < 28.1 | < 29.1 | 197 J | < 25.6 | 1160 | < 42.2 | < 566 | < 696 | < 134 | < 28.2 | < 482 | < 26.3 | |
| Dibenzo(a,h)anthracene | 53-70-3 | NE | 115 | 2.11E+03 | NE | | < 377 | < 52.7 | < 51.6 | < 51.4 | < 51.1 | < 52.9 | < 240 | < 46.6 | < 201 | < 76.6 | < 1030 | < 1260 | < 244 | < 51.2 | < 876 | < 47.8 | |
| Fluoranthene | 206-44-0 | NE | 2.39E+06 | 3.01E+07 | 88,877.8 | | 257 J | 63.8 J | 145 | < 26.8 | 32.4 J | < 27.5 | 297 J | < 24.3 | 3530 | < 39.9 | < 536.0 | < 659 | < 127 | < 26.7 | < 457 | < 24.9 | |
| Fluorene | 86-73-7 | NE | 2.39E+06 | 3.01E+07 | 14,829.9 | | < 162 | < 22.7 | < 22.2 | < 22.1 | < 22 | < 22.7 | < 103 | < 20.0 | < 86.7 | < 33.0 | < 442 | < 544 | < 105 | < 22.0 | < 377 | < 20.6 | |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | NE | 1,150 | 21,100 | NE | | < 300 | 76.4 J | 53.1 J | < 41.0 | < 40.7 | < 42.1 | < 191 | < 37.1 | 862 | < 61.0 | < 819 | < 1010 | < 194 | < 40.8 | 732 J | < 38.1 | |
| Naphthalene | 91-20-3 | NE | 5,520 | 24,100 | 658.2 | | < 485 | < 67.8 | < 66.4 | < 66.2 | < 65.8 | < 68.0 | < 309 | < 60.0 | < 259 | < 98.6 | < 1320 | < 1630 | < 314 | < 65.9 | < 1130 | < 61.5 | |
| Phenanthrene | 85-01-8 | NE | NE | NE | NE | | < 178 | 30.0 J | 41.8 J | < 24.3 | < 24.1 | 31.7 | < 113 | < 22.0 | 1590 | < 36.2 | < 486 | < 597 | < 115 | < 24.2 | < 414 | < 22.6 | |
| Pyrene | 129-00-0 | NE | 1.79E+06 | 2.26E+07 | 54,545.5 | | < 308 | 60.7 J | 144 | < 42.0 | 45.5 J | < 43.1 | 256 J | < 38.0 | 2290 | < 62.5 | < 839 | < 1030 | < 199 | < 41.8 | < 715 | < 39.0 | |
| PER- and POLYFLUOROALKYL SUBSTANCES³ (ug/kg) | | | | | | | | | | | | | | | | | | | | | | | |
| PFOS | 1763-23-1 | NE | 1,260 | 16,400 | NE | | --- | --- | 0.22 J | --- | --- | --- | --- | < 0.17 | --- | --- | --- | --- | --- | --- | 1.0 J | --- | |
| VOLATILE ORGANIC COMPOUNDS³ (ug/kg) | | | | | | | | | | | | | | | | | | | | | | | |
| No VOCs Identified Above Method Detection Limit (MDL) | | | | | | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | |

Notes
 (mg/kg) = milligrams per kilogram (µg/kg) = micrograms per kilogram --- = not analyzed ppm = parts per million DC = Direct Contact GW = Groundwater
 < = not detected above method detection limit J = concentration between detection limit and reporting limit BTV = Background Threshold Value NE = Not Established
¹ NR 720 RCL = Chapter NR 720, Wisconsin Administrative Code, Residual Contaminant Level PFOS = Perfluorooctanesulfonic acid
² RCLs & BTV are based on USEPA methodology; presented in WDNR Guidance, Soil RCL Determinations using USEPA Regional Screening Level Web Calculator (RR-890) and summarized in the WDNR's R&R Program RCE Spreadsheet (December 2018).
³ Only detected analytes are listed; refer to the laboratory analytical report for a full list of assessed analytes
⁴ Per WDNR guidance, metal concentrations below the BTV are considered to be representative of background conditions in Wisconsin soils and therefore, do not need to be identified as a regulatory standard exceedance even if above an RCL.
 Exceeds the NR 720 Non-Industrial Direct Contact RCL: 100 Exceeds the NR 720 Industrial Direct Contact RCL: 100 Exceeds the NR 720 Groundwater Pathway RCL: 100 Exceeds the BTV: 100*

Table 1
Soil Analytical Summary
1300 Cleveland Avenue
Wausau, WI

| Laboratory Analytes | | Wisconsin Regulatory Standards ^{1,2} | | | | Location | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------|---|-------------------|---------------|----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|---------|---------|---------|--------|-----|------|--------|---|------|------|---|
| | | | | | | SB-9 | SB-9 | SB-10 | SB-10 | SB-11 | SB-11 | SB-12 | SB-12 | SB-13 | SB-13 | SB-14 | SB-14 | SB-15 | SB-15 | SB-16 | SB-16 | | | | | | | | | | | | | |
| Name & CAS # | | BTV | Non Industrial DC | Industrial DC | GW | Depth (ft) | 0 - 4 | 8 - 12 | 0 - 4 | 8 - 12 | 0 - 4 | 8 - 12 | 0 - 4 | 8 - 12 | 0.5 - 4 | 8 - 12 | 0 - 4 | 4 - 8 | 0 - 4 | 8 - 12 | 0 - 4 | 8 - 12 | | | | | | | | | | | | |
| | | | | | | PID (ppm) | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | | | | | | | | |
| | | | | | | Date | 10/13/20 | 10/13/20 | 10/13/20 | 10/13/20 | 10/13/20 | 10/13/20 | 10/13/20 | 10/13/20 | 10/13/20 | 10/13/20 | 10/12/20 | 10/12/20 | 10/12/20 | 10/12/20 | 10/12/20 | 10/12/20 | | | | | | | | | | | | |
| PRIORITY POLLUTANT METALS^{3,4} (mg/kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Antimony | 7440-36-0 | NE | 31.3 | 467 | 0.542 | | 1.4 | J | < 0.83 | < 0.81 | < 0.81 | < 0.80 | < 0.86 | < 0.86 | < 0.78 | < 0.87 | < 0.76 | < 1.1 | 4.5 | < 0.96 | < 0.79 | < 0.88 | < 0.82 | | | | | | | | | | | |
| Arsenic | 7440-38-2 | 8 | 0.677 | 3.0 | 0.584 | | < 1.9 | | < 1.5 | < 1.5 | < 1.5 | < 1.5 | < 1.6 | < 1.6 | < 1.4 | < 1.6 | < 1.4 | < 2.1 | 3.2 | J | 3.0 | J | < 1.5 | < 1.6 | < 1.5 | | | | | | | | | |
| Beryllium | 7440-41-7 | NE | 156 | 2,300 | 6.32 | | 0.51 | | 0.22 | J | 0.24 | J | 0.16 | J | 0.24 | J | 0.67 | 0.67 | 0.18 | J | 0.42 | J | 0.18 | J | 0.32 | J | 0.33 | J | 0.65 | 0.29 | J | 0.53 | 0.31 | J |
| Cadmium | 7440-43-9 | 1* | 71 | 985 | 0.752 | | 1.0 | | < 0.14 | 0.78 | < 0.13 | < 0.13 | < 0.14 | < 0.14 | < 0.13 | < 0.15 | < 0.13 | 0.3 | J | 1.1* | 0.51 | J | < 0.13 | < 0.15 | < 0.14 | | | | | | | | | |
| Chromium, Total ⁵ | 7440-47-3 | 44 | 100,000 | 100,000 | 360,000 | | 14.4 | | 6.6 | 6.7 | 7.3 | 8.5 | 8.4 | 8.4 | 7.2 | 7.8 | 6.7 | 7.8 | 12.5 | 13.1 | 11.7 | 7.7 | 8.0 | | | | | | | | | | | |
| Copper | 7440-50-8 | 35* | 3,130 | 46,700 | 91.6 | | 61.3* | | 8.4 | 11.5 | 9.3 | 10.9 | 5.3 | 5.3 | 7.1 | 35.9* | 8.9 | 12.3 | 54.8* | 27.8 | 13.4 | 7.1 | 13.1 | | | | | | | | | | | |
| Lead | 7439-92-1 | 52* | 400 | 800 | 27 | | 70.3* | | 5.4 | 12.9 | 1.4 | J | 2.3 | 9.6 | 9.6 | 1.3 | J | 30.4 | 2 | 20.2 | 209* | 28.2 | 4.8 | 13.1 | 6.3 | | | | | | | | | |
| Nickel | 7440-02-0 | 31 | 1,550 | 22,500 | 13.06 | | 13.9 | | 6.9 | 6.0 | 6.7 | 9.0 | 5.5 | 5.5 | 6.7 | 14.9 | 6.4 | 4.6 | 10.2 | 14.4 | 11.1 | 6.8 | 7.9 | | | | | | | | | | | |
| Selenium | 7782-49-2 | NE | 391 | 5,840 | 0.52 | | 2.5 | J | < 1.4 | < 1.3 | < 1.3 | < 1.3 | < 1.4 | < 1.4 | < 1.3 | < 1.4 | < 1.3 | < 1.9 | < 2.0 | < 1.6 | < 1.3 | < 1.4 | < 1.3 | | | | | | | | | | | |
| Silver | 7440-22-4 | NE | 391 | 5,840 | 0.8491 | | < 0.39 | | < 0.32 | < 0.31 | < 0.31 | < 0.31 | < 0.33 | < 0.33 | < 0.3 | < 0.34 | < 0.29 | < 0.4 | < 0.47 | < 0.37 | < 0.30 | < 0.34 | < 0.31 | | | | | | | | | | | |
| Thallium | 7440-28-0 | NE | 0.782 | 11.7 | 0.284 | | 1.2 | J | 0.8 | < 0.79 | 0.84 | J | < 0.78 | 1.5 | J | 1.5 | J | 0.97 | J | < 0.85 | < 0.74 | 1.1 | J | < 1.2 | 0.96 | J | < 0.77 | 1.2 | J | < 0.79 | | | | |
| Zinc | 7440-66-6 | NE | 23,500 | 100,000 | NE | | 200 | | 20.2 | 223 | 39.5 | 14.7 | 50.2 | 50.2 | 9.4 | 52.7 | 12.1 | 60.9 | 273 | 172 | 34.3 | 39 | 24.4 | | | | | | | | | | | |
| Mercury | 7439-97-6 | NE | 3.13 | 3.13 | 0.208 | | 0.070 | | < 0.011 | < 0.010 | < 0.009 | < 0.010 | < 0.010 | < 0.010 | < 0.009 | 0.012 | J | < 0.010 | 0.034 | J | 0.16 | 0.031 | J | < 0.010 | < 0.011 | < 0.010 | | | | | | | | |
| Hexavalent Chromium | 18540-29-9 | NE | 0.301 | 6.36 | NE | | --- | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | | | | | | | | | |
| SEMI-VOLATILE ORGANIC COMPOUNDS³ (ug/kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Anthracene | 120-12-7 | NE | 1.79E+07 | 1.00E+08 | 196,949 | | < 355 | | < 144 | < 279 | < 137 | < 28.9 | < 27.6 | < 233 | < 27.4 | < 291 | < 112 | 556 | J | 1500 | J | < 349 | < 27.9 | < 148 | < 28.5 | | | | | | | | | |
| Benzo(a)anthracene | 56-55-3 | NE | 1,140 | 20,800 | NE | | 353 | J | < 139 | 691 | J | < 133 | < 28.0 | < 26.7 | < 225 | < 26.5 | < 282 | < 108 | 2390 | 6550 | < 338 | < 27.1 | < 143 | < 27.6 | | | | | | | | | | |
| Benzo(a)pyrene | 50-32-8 | NE | 115 | 2,110 | 470 | | 484 | J | < 135 | 755 | J | < 129 | < 27.2 | < 26.0 | < 219 | < 25.8 | < 274 | < 105 | 2630 | 9160 | < 329 | < 26.3 | < 139 | < 26.8 | | | | | | | | | | |
| Benzo(b)fluoranthene | 205-99-2 | NE | 1,150 | 21,100 | 478.1 | | 585 | J | < 154 | 1080 | < 147 | < 31.1 | < 29.7 | < 250 | < 29.4 | < 313 | < 120 | 3550 | 12100 | < 375 | < 30.0 | < 159 | < 30.6 | | | | | | | | | | | |
| Benzo(g,h,i)perylene | 191-24-2 | NE | NE | NE | NE | | 626 | J | < 235 | 653 | J | < 224 | < 47.4 | < 45.2 | < 381 | < 44.8 | < 477 | < 183 | 2310 | 9320 | < 571 | < 45.7 | < 242 | < 46.6 | | | | | | | | | | |
| Benzo(k)fluoranthene | 207-08-9 | NE | 11,500 | 211,000 | NE | | < 531 | | < 215 | 470 | J | < 205 | < 43.4 | < 41.3 | < 349 | < 41.0 | < 436 | < 167 | 1370 | 4700 | < 523 | < 41.9 | < 221 | < 42.6 | | | | | | | | | | |
| Chrysene | 218-01-9 | NE | 115,000 | 2.11E+07 | 144.2 | | 451 | J | < 134 | 949 | < 128 | < 27.1 | < 25.8 | < 218 | < 25.6 | < 272 | < 105 | 2470 | 9540 | < 327 | < 26.1 | < 138 | < 26.6 | | | | | | | | | | | |
| Dibenzo(a,h)anthracene | 53-70-3 | NE | 115 | 2,110 | NE | | < 603 | | < 244 | < 474 | < 232 | < 49.2 | < 46.9 | < 395 | < 46.5 | < 495 | < 190 | 335 | J | < 1440 | < 593 | < 47.5 | < 251 | < 48.4 | | | | | | | | | | |
| Fluoranthene | 206-44-0 | NE | 2.39E+06 | 3.01E+07 | 88,877.8 | | 820 | J | < 127 | 3110 | < 121 | < 25.6 | < 24.4 | < 206 | < 24.2 | 277 | J | < 98.9 | 5420 | 21600 | < 309 | < 24.7 | < 131 | < 25.2 | | | | | | | | | | |
| Fluorene | 86-73-7 | NE | 2.39E+06 | 3.01E+07 | 14,829.9 | | < 259 | | < 105 | 328 | J | < 100 | < 21.2 | < 20.2 | < 170 | < 20.0 | < 213 | < 81.7 | < 142 | 658 | J | < 255 | < 20.4 | < 108 | < 20.8 | | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | NE | 1,150 | 21,100 | NE | | 644 | J | < 194 | 722 | J | < 185 | < 39.2 | < 37.4 | < 315 | < 37.0 | < 394 | < 151 | 2360 | 9140 | < 473 | < 37.8 | < 200 | < 38.5 | | | | | | | | | | |
| Naphthalene | 91-20-3 | NE | 5,520 | 24,100 | 658.2 | | < 776 | | < 314 | 655 | J | < 299 | < 63.3 | < 60.4 | < 509 | < 59.9 | < 637 | < 244 | < 424 | < 1850 | < 764 | < 61.1 | < 323 | < 62.3 | | | | | | | | | | |
| Phenanthrene | 85-01-8 | NE | NE | NE | NE | | 442 | J | < 115 | 2990 | < 110 | < 23.2 | < 22.2 | < 187 | < 22.0 | < 234 | < 89.7 | 1780 | 13300 | < 280 | < 22.4 | < 119 | < 22.9 | | | | | | | | | | | |
| Pyrene | 129-00-0 | NE | 1.79E+06 | 2.26E+07 | 54,545.5 | | 639 | J | < 199 | 2000 | < 190 | < 40.1 | < 38.3 | < 323 | < 37.9 | < 404 | < 155 | 4030 | 16200 | < 484 | < 38.8 | < 205 | < 39.5 | | | | | | | | | | | |
| PER- and POLYFLUOROALKYL SUBSTANCES³ (ug/kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PFOS | 1763-23-1 | NE | 1,260 | 16,400 | NE | | --- | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1.0 | J | --- | --- | < 0.23 | --- | --- | | | | | | | | | |
| VOLATILE ORGANIC COMPOUNDS³ (ug/kg) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No VOCs Identified Above Method Detection Limit (MDL) | | | | | | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | | | | | | | | | | | | |

Notes
(mg/kg) = milligrams per kilogram (µg/kg) = micrograms per kilogram --- = not analyzed ppm = parts per million DC = Direct Contact GW = Groundwater
< = not detected above method detection limit J = concentration between detection limit and reporting limit BTV = Background Threshold Value NE = Not Established
¹ NR 720 RCL = Chapter NR 720, Wisconsin Administrative Code, Residual Contaminant Level PFOS = Perfluorooctanesulfonic acid
² RCLs & BTV are based on USEPA methodology; presented in WDNR Guidance, Soil RCL Determinations using USEPA Regional Screening Level Web Calculator (RR-890) and summarized in the WDNR's R&R Program RCE Spreadsheet (December 2018).
³ Only detected analytes are listed; refer to the laboratory analytical report for a full list of assessed analytes
⁴ Per WDNR guidance, metal concentrations below the BTV are considered to be representative of background conditions in Wisconsin soils and therefore, do not need to be identified as a regulatory standard exceedance even if above an RCL.
Exceeds the NR 720 Non-Industrial Direct Contact RCL: 100 Exceeds the NR 720 Industrial Direct Contact RCL: 100 Exceeds the NR 720 Groundwater Pathway RCL: 100 Exceeds the BTV: 100*

Table 1
Soil Analytical Summary
 1300 Cleveland Avenue
 Wausau, WI

| Laboratory Analytes | | Wisconsin Regulatory Standards ^{1,2} | | | | Location | | | | | | | | | | | | | |
|--|------------|---|-------------------|---------------|----------|------------|---------|---------|--------|---------|---------|--------|---------|---------|---------|---------|---------|-------|-------|
| | | | | | | SB-17 | SB-17 | SB-18 | SB-18 | SB-19 | SB-19 | SBGW-1 | SBGW-1 | SBGW-2 | SBGW-2 | SBGW-3 | SBGW-3 | | |
| Name & CAS # | | BTV | Non Industrial DC | Industrial DC | GW | Depth (ft) | | | | | | | | | | | | | |
| | | | | | | PID (ppm) | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| | | Date | | | | | | | | | | | | | | | | | |
| | | 10/12/20 | | | | | | | | | | | | | | | | | |
| PRIORITY POLLUTANT METALS^{3,4} (mg/kg) | | | | | | | | | | | | | | | | | | | |
| Antimony | 7440-36-0 | NE | 31.3 | 467 | 0.542 | 1.2 J | 3.7 | < 0.92 | < 0.82 | < 0.80 | < 0.78 | < 0.96 | < 0.79 | < 0.94 | < 0.83 | < 4.7 | < 0.83 | | |
| Arsenic | 7440-38-2 | 8 | 0.677 | 3.0 | 0.584 | < 1.5 | < 2.5 | < 1.7 | < 1.5 | < 1.5 | < 1.4 | < 1.8 | < 1.4 | < 1.7 | < 1.5 | < 8.7 | < 1.5 | | |
| Beryllium | 7440-41-7 | NE | 156 | 2,300 | 6.32 | 0.13 J | < 0.20 | 0.37 J | 0.15 J | 0.27 J | 0.17 J | 0.39 J | 0.38 J | 0.46 J | 0.25 J | 0.86 J | 0.33 J | | |
| Cadmium | 7440-43-9 | 1 | 71 | 985 | 0.752 | 0.21 J | 0.25 J | 0.15 | < 0.14 | 0.13 | < 0.13 | 0.46 J | < 0.13 | < 0.16 | < 0.14 | < 0.79 | < 0.14 | | |
| Chromium, Total ⁵ | 7440-47-3 | 44 | 100,000 | 100,000 | 360,000 | 8.1 | 3.2 J | 9.7 | 4.3 | 9.2 | 10.2 | 15.0 | 6.1 | 13.7 | 15.4 | 8.8 | 19.3 | | |
| Copper | 7440-50-8 | 35* | 3,130 | 46,700 | 91.6 | 16.8 | 54.6* | 7.6 | 7.0 | 10.3 | 8.9 | 15.1 | 2.2 | 12.4 | 21.2 | 6.4 | 23.0 | | |
| Lead | 7439-92-1 | 52* | 400 | 800 | 27 | 34.5 | 65.1* | 20.2 | 0.71 J | 4.5 | 1.5 J | 20.7 | 12.4 | 9.0 | 2.7 | 15.1 | 3.2 | | |
| Nickel | 7440-02-0 | 31 | 1,550 | 22,500 | 13.06 | 8.5 | 7.5 | 4.7 | 4.5 | 8.3 | 7.6 | 10.8 | 1.9 | 14.4 | 10.7 | 5.6 J | 24.2 | | |
| Selenium | 7782-49-2 | NE | 391 | 5,840 | 0.52 | < 1.3 | < 2.2 | < 1.5 | < 1.3 | < 1.3 | < 1.3 | < 1.6 | < 1.3 | < 1.6 | < 1.4 | < 7.7 | < 1.4 | | |
| Silver | 7440-22-4 | NE | 391 | 5,840 | 0.8491 | < 0.31 | < 0.52 | < 0.35 | < 0.31 | < 0.31 | < 0.30 | < 0.37 | < 0.30 | < 0.36 | < 0.32 | < 1.8 | < 0.32 | | |
| Thallium | 7440-28-0 | NE | 0.782 | 11.7 | 0.284 | < 0.78 | < 2.6 | 1.1 J | 0.9 J | < 0.78 | < 0.76 | < 0.93 | 1.4 J | < 0.92 | < 0.81 | < 4.6 | < 0.81 | | |
| Zinc | 7440-66-6 | NE | 23,500 | 100,000 | NE | 44.7 | 84.9 | 49.1 | 7.3 | 25.0 | 13.1 | 76.6 | 39.8 | 34.5 | 13.5 | 78.5 | 24.0 | | |
| Mercury | 7439-97-6 | NE | 3.13 | 3.13 | 0.208 | 0.028 J | < 0.016 | 0.018 J | 0.010 | < 0.010 | < 0.009 | 0.050 | < 0.010 | < 0.011 | < 0.009 | < 0.011 | < 0.010 | | |
| Hexavalent Chromium | 18540-29-9 | NE | 0.301 | 6.36 | NE | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |
| SEMI-VOLATILE ORGANIC COMPOUNDS³ (ug/kg) | | | | | | | | | | | | | | | | | | | |
| Anthracene | 120-12-7 | NE | 1.79E+07 | 1.00E+08 | 196,949 | < 28.0 | < 183 | < 30.8 | < 28.2 | < 28.0 | < 27.3 | < 337 | < 27.9 | < 126 | < 111 | < 32.3 | < 28.7 | | |
| Benzo(a)anthracene | 56-55-3 | NE | 1,140 | 20,800 | NE | < 27.1 | < 178 | 79.6 J | < 27.4 | < 27.2 | < 26.5 | < 326 | < 27.0 | < 122 | < 108 | < 31.3 | < 27.8 | | |
| Benzo(a)pyrene | 50-32-8 | NE | 115 | 2,110 | 470 | < 26.4 | < 173 | 91.8 J | < 26.6 | < 26.4 | < 25.7 | < 317 | < 26.2 | < 119 | < 105 | < 30.4 | < 27.0 | | |
| Benzo(b)fluoranthene | 205-99-2 | NE | 1,150 | 21,100 | 478.1 | < 30.1 | < 197 | 119 | < 30.4 | < 30.1 | < 29.4 | < 362 | < 30.0 | < 136 | < 119 | < 34.8 | < 30.8 | | |
| Benzo(g,h,i)perylene | 191-24-2 | NE | NE | NE | NE | < 45.8 | < 300 | 105 J | < 46.2 | 50.9 J | < 44.7 | < 551 | < 45.6 | < 207 | < 182 | < 52.9 | < 46.9 | | |
| Benzo(k)fluoranthene | 207-08-9 | NE | 11,500 | 211,000 | NE | < 41.9 | < 275 | 47.9 J | < 42.3 | < 42.0 | < 40.9 | < 504 | < 41.8 | < 189 | < 166 | < 48.5 | < 42.9 | | |
| Chrysene | 218-01-9 | NE | 1.15E+05 | 2.11E+07 | 144.2 | < 26.2 | < 172 | 108 | < 26.4 | < 26.2 | < 25.6 | < 315 | < 26.1 | < 118 | < 104 | < 30.3 | < 26.8 | | |
| Dibenzo(a,h)anthracene | 53-70-3 | NE | 1.15E+02 | 2.11E+03 | NE | < 47.6 | < 312 | < 52.3 | < 48.0 | < 47.6 | < 46.4 | < 572 | < 47.4 | < 215 | < 189 | < 55.0 | < 48.7 | | |
| Fluoranthene | 206-44-0 | NE | 2.39E+06 | 3.01E+07 | 88,877.8 | 40.5 J | < 162 | 198 | < 25.0 | < 24.8 | < 24.2 | < 298 | < 24.7 | 123 J | < 98.4 | < 28.6 | < 25.4 | | |
| Fluorene | 86-73-7 | NE | 2.39E+06 | 3.01E+07 | 14,829.9 | < 20.5 | < 134 | < 22.5 | < 20.7 | < 20.5 | < 20.0 | < 246 | < 20.4 | < 92.4 | < 81.3 | < 23.7 | < 21.0 | | |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | NE | 1,150 | 21,100 | NE | < 37.9 | < 248 | 70.9 J | < 38.2 | < 37.9 | < 37.0 | < 456 | < 37.7 | < 171.0 | < 150 | < 43.8 | < 38.8 | | |
| Naphthalene | 91-20-3 | NE | 5,520 | 24,100 | 658.2 | < 61.3 | < 401 | < 67.3 | < 61.8 | < 61.3 | < 59.8 | < 736 | < 61.0 | < 276 | < 243 | < 70.8 | < 62.7 | | |
| Phenanthrene | 85-01-8 | NE | NE | NE | NE | 32.5 J | < 147 | 111 | < 22.7 | < 22.5 | < 21.9 | < 270 | < 22.4 | < 101 | < 89.2 | < 26.0 | < 23.0 | | |
| Pyrene | 129-00-0 | NE | 1.79E+06 | 2.26E+07 | 54,545.5 | < 38.8 | < 254 | 171 | < 39.2 | < 38.9 | < 37.9 | < 467 | < 38.7 | < 175 | < 154 | < 44.9 | < 39.7 | | |
| PER- and POLYFLUOROALKYL SUBSTANCES³ (ug/kg) | | | | | | | | | | | | | | | | | | | |
| PFOS | 1763-23-1 | NE | 1,260 | 16,400 | NE | --- | --- | --- | --- | --- | 0.2 J | --- | --- | --- | --- | --- | --- | | |
| VOLATILE ORGANIC COMPOUNDS³ (ug/kg) | | | | | | | | | | | | | | | | | | | |
| No VOCs Identified Above Method Detection Limit (MDL) | | | | | | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | < MDL | | |

Notes
 (mg/kg) = milligrams per kilogram (µg/kg) = micrograms per kilogram --- = not analyzed ppm = parts per million DC = Direct Contact GW = Groundwater
 < = not detected above method detection limit J = concentration between detection limit and reporting limit BTV = Background Threshold Value NE = Not Established
¹ NR 720 RCL = Chapter NR 720, Wisconsin Administrative Code, Residual Contaminant Level PFOS = Perfluorooctanesulfonic acid
² RCLs & BTV are based on USEPA methodology; presented in WDNR Guidance, Soil RCL Determinations using USEPA Regional Screening Level Web Calculator (RR-890) and summarized in the WDNR's R&R Program RCE Spreadsheet (December 2018).
³ Only detected analytes are listed; refer to the laboratory analytical report for a full list of assessed analytes
⁴ Per WDNR guidance, metal concentrations below the BTV are considered to be representative of background conditions in Wisconsin soils and therefore, do not need to be identified as a regulatory standard exceedance even if above an RCL.
 Exceeds the NR 720 Non-Industrial Direct Contact RCL: 100 Exceeds the NR 720 Industrial Direct Contact RCL: 100 Exceeds the NR 720 Groundwater Pathway RCL: 100 Exceeds the BTV: 100*

Table 2
 Groundwater Analytical Summary
 1300 Cleveland Avenue
 Wausau, WI

| Laboratory Analytes | | Wisconsin Regulatory Standards ^{1,2} | | Location | SBGW-1 | SBGW-2 | SBGW-3 |
|---|-----------|---|-----------|------------|-----------|-----------|-----------|
| | | | | Depth (ft) | ~ 25 - 27 | ~ 29 - 31 | ~ 32 - 33 |
| Name & CAS # | | NR 140 PAL | NR 140 ES | Clarity | C | C | ST - MT |
| | | | | Date | 10/12/20 | 10/12/20 | 10/12/20 |
| PRIORITY POLLUTANT METALS³ (µg/L) | | | | | | | |
| Arsenic | 7440-38-2 | 1 | 10 | | 0.45 J | < 0.28 | < 0.28 |
| Copper | 7440-50-8 | 1,300 | 130 | | 6.8 | < 1.9 | < 1.9 |
| Nickel | 7440-02-0 | 100 | 20 | | 1.0 | 5.7 | 9.7 |
| SEMI-VOLATILE ORGANIC COMPOUNDS³ (µg/L) | | | | | | | |
| Anthracene | 120-12-7 | 600 | 3,000 | | 0.082 | 0.090 | 0.26 |
| Benzo(a)anthracene | 56-55-3 | NE | NE | | 0.011 J | < 0.0071 | 0.010 J |
| Benzo(b)fluoranthene | 205-99-2 | 0.02 | 0.2 | | < 0.0052 | < 0.0054 | 0.0054 J |
| Chrysene | 218-01-9 | 0.02 | 0.2 | | 0.027 J | 0.020 J | 0.052 J |
| Fluoranthene | 206-44-0 | 80 | 400 | | 0.010 J | 0.013 J | 0.017 J |
| Fluorene | 86-73-7 | 80 | 400 | | < 0.0072 | < 0.0074 | 0.030 J |
| Phenanthrene | 85-01-8 | NE | NE | | 0.095 | 0.072 | 0.044 J |
| Pyrene | 129-00-0 | 50 | 250 | | 0.014 J | 0.018 J | 0.020 J |
| VOLATILE ORGANIC COMPOUNDS³ (µg/L) | | | | | | | |
| No VOCs Identified Above Method Detection Limit (MDL) | | | | | < MDL | < MDL | < MDL |

Notes

(µg/L) = micrograms per liter < = not detected above method detection limit

J = concentration between detection limit and reporting limit

NE = Not Established

-- = not analyzed

C = Clear

¹ NR 140 PAL = Chapter NR 140, Wisconsin Administrative Code, Preventive Action Limit

ST = Slightly Turbid

² NR 140 ES = Chapter NR 140, Wisconsin Administrative Code, Enforcement Standard

MT = Moderately Turbid

³ Only detected analytes are listed; refer to the laboratory analytical report for a full list of assessed analytes

Exceeds NR 140 PAL: 100

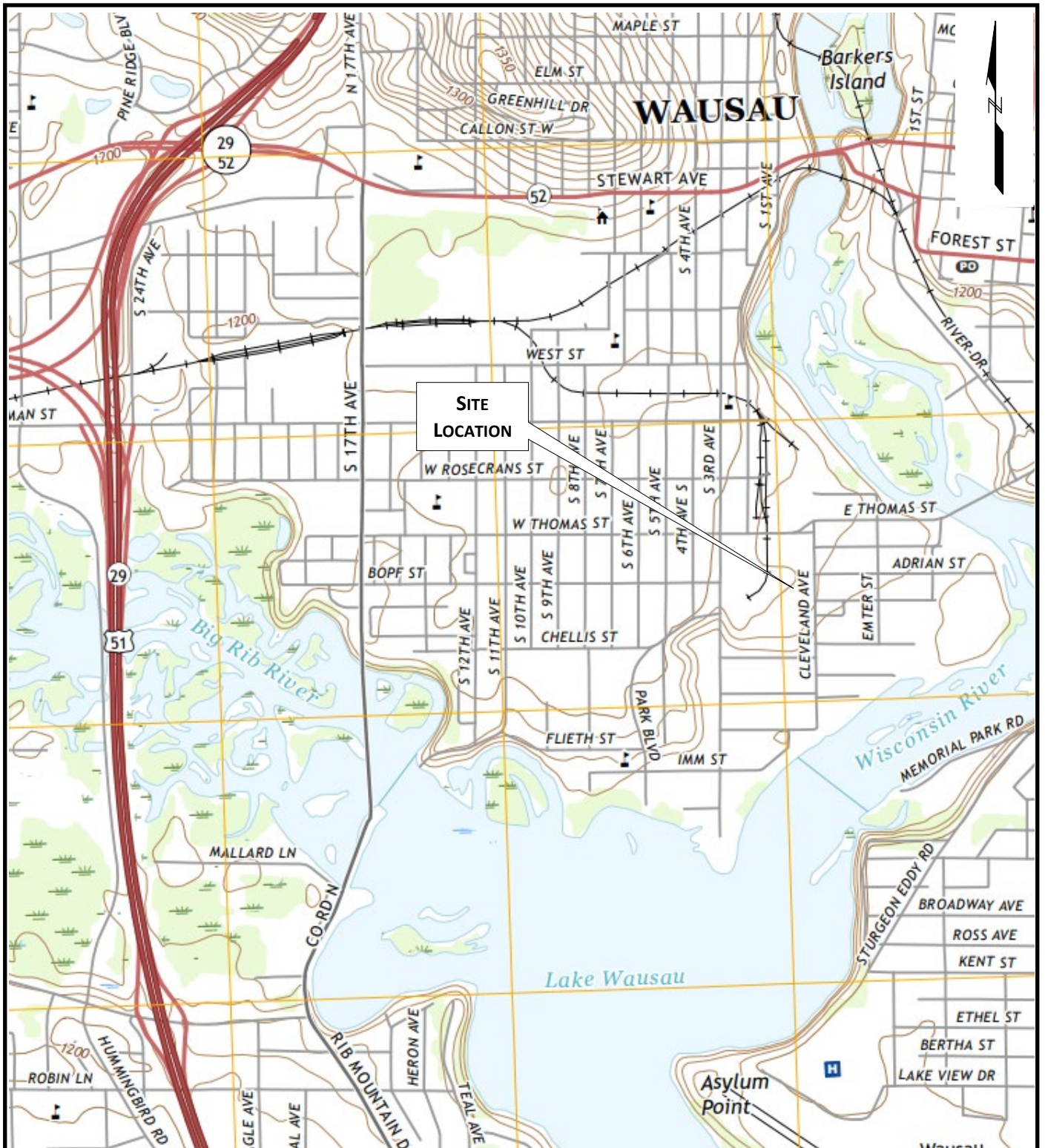
Exceeds NR 140 ES: 100

Figures

Figure 1 Site Location Map

Figure 2 Site Zoning Map

Figure 3 Sample Location Diagram



NOTES:

1. BASED ON A 2018 USGS MAP (WAUSAU WEST, WI)



APPROXIMATE SCALE

1300 Cleveland Avenue
Wausau, Wisconsin

City of Wausau
Wausau, Wisconsin



Project 2004400

SITE LOCATION MAP

January 2021

Fig. 1



**City of Wausau Zoning Map
Proposed Zoning District 2019**

- | | |
|-----------------------------------|-------------------------------------|
| RH-35 - Rural Holding | SO - Suburban Office |
| SR-2 - Single Family Residential | SMU - Suburban Mixed Use |
| SR-3 - Single Family Residential | UMU - Urban Mixed Use |
| SR-5 - Single Family Residential | DPMU - Downtown Periphery Mixed Use |
| SR-7 - Single Family Residential | DHMU - Downtown Historic Mixed Use |
| MH-7 - Mobile Home | DRMU - Downtown High-Rise Mixed Use |
| DR-8 - Duplex Residential | RP - Research Park |
| TF-10 - Two-Flat Residential | PUD - Planned Unit Development |
| TRD-12 - Townhome Residential | LI - Light Industrial |
| MRL-8 - Multi-Family Residential | MI - Medium Industrial |
| MRM-20 - Multi-Family Residential | HI - Heavy Industrial |
| MRH-50 - Multi-Family Residential | IOS - Intensive Outdoor Storage |
| I - Institutional | IOC - Intensive Outdoor Commercial |
| NMU - Neighborhood Mixed Use | AO - Adult Oriented Entertainment |
| | EX - Extraction/Disposal |

NOTES:

1. BASED ON A CITY OF WAUSAU ZONING MAP (2019)

1300 Cleveland Avenue
Wausau, Wisconsin

City of Wausau
Wausau, Wisconsin

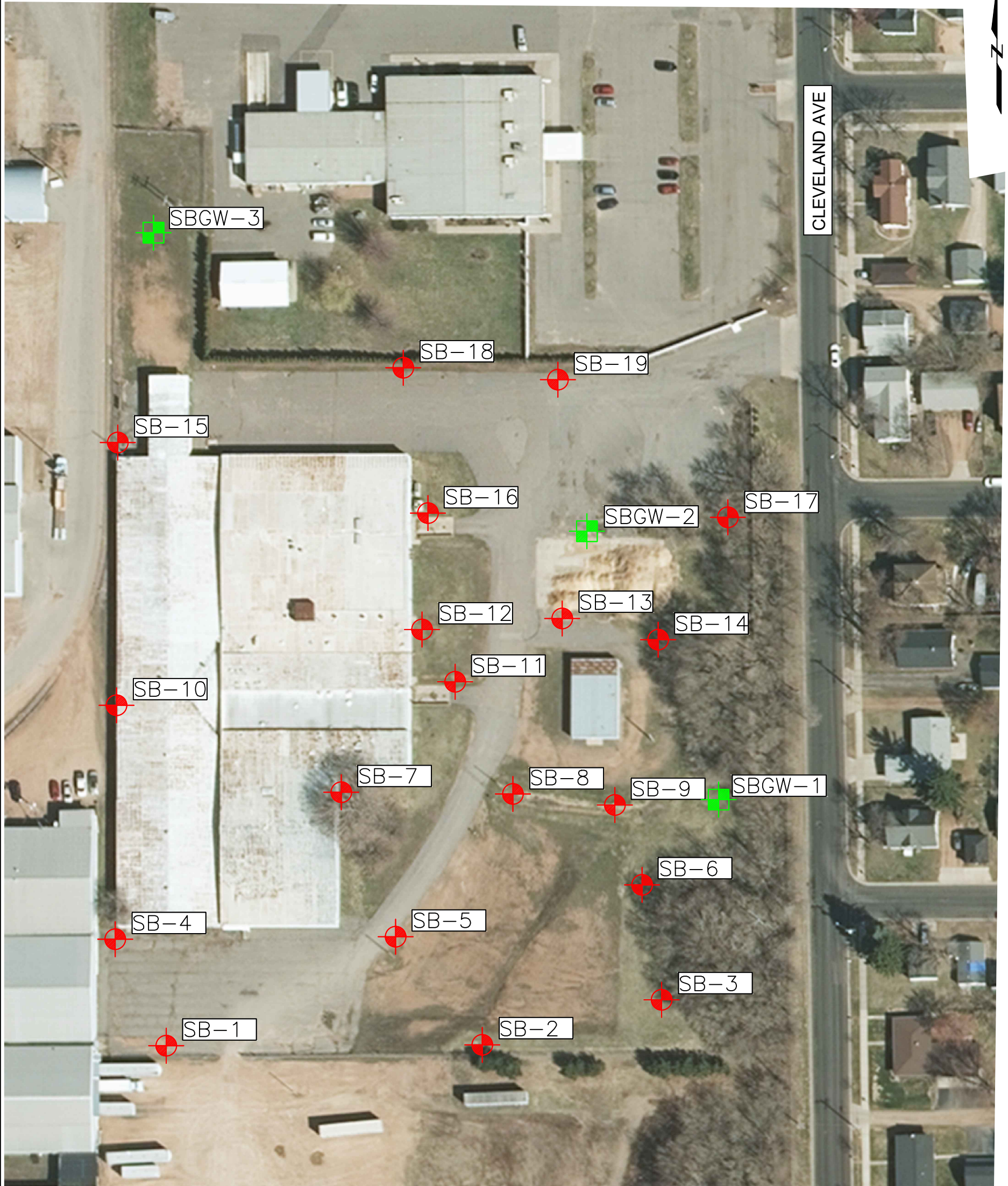


Project 2004400



SITE ZONING MAP

January 2021

Fig. 2

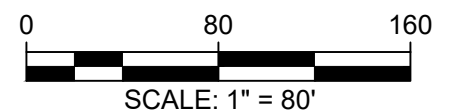



LEGEND

- MONITORING WELL LOCATION  SBGW-2
- SOIL BORING LOCATION  SB-17

NOTES:

1. HORIZONTAL DATUM WISCONSIN MARATHON COUNTY COORDINATE SYSTEM.
2. VERTICAL DATUM NAVD 88.
3. BACKGROUND IMAGE FROM WDNR IMAGE BASEMAP SERVICE.



| | | |
|--|---|--|
| PHASE II SUBSURFACE ASSESSMENT 1300 CLEVELAND AVE WAUSAU, WI |  | SAMPLE LOCATION DIAGRAM |
| CITY OF WAUSAU WAUSAU, WI | Project 2004400 | January 2021 Fig. 3 |

Appendix A

Soil Boring Logs

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

| | | | | | |
|--|--|--|--|---|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | License/Permit/Monitoring Number | | Boring Number SB-1 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> | | MSL Lat _____ ' _____ '' | | Local Grid Location | |
| State Plane SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | Long _____ ' _____ '' | | Feet <input type="checkbox"/> N <input type="checkbox"/> S | |
| Feet <input type="checkbox"/> E <input type="checkbox"/> W | | | | | |

| | | | |
|-------------|---------------------------|--------------------------|--|
| Facility ID | County Marathon | County Code 37 | Civil Town/City/ or Village Wausau |
|-------------|---------------------------|--------------------------|--|

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 36 | | 2 | Fill: Dark brown silty fine sand | FILL | | | <0.1 | | | | | | |
| | | | 4 | Fill: Light gray silty fine sand | FILL | | | <0.1 | | | | | | |
| 2 GP | 48 18 | | 6 | Fill: Dark brown sandy silt, trace cinders, trace gravel | FILL | | | <0.1 | | | | | | |
| | | | 8 | Reddish brown sand, some gravel | SP | | | <0.1 | | | | | | |
| 3 GP | 48 18 | | 10 | Reddish brown medium to coarse sand, some gravel | SP | | | <0.1 | | | | | | |
| | | | 12 | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | <0.1 | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraska</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|--|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SB-2 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | | |
| WI Unique Well No. | | | DNR Well ID No. | | Common Well Name | | |
| Final Static Water Level Feet | | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL Lat ° ' " | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | | Long ° ' " | | | | |
| Facility ID | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|--|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 28 | | 0-2 | Fill: Brown silty fine sand, trace gravel | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Light brown to brown fine sand | FILL | | | <0.1 | | | | | | |
| 2 GP | 48 36 | | 2-4 | Fill: Brown to reddish brown silty fine sand, trace green and white flecks | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Light gray to brown silty fine sand | FILL | | | <0.1 | | | | | | |
| 3 GP | 48 36 | | 4-8 | Fill: Light gray silty fine sand | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Dark brown to black silty fine sand, trace wood | FILL | | | <0.1 | | | | | | |
| | | | | Possible Fill: Brown silty fine sand | SM | | | <0.1 | | | | | | |
| | | | 8-12 | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | <0.1 | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|---|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SB-3 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | | |
| WI Unique Well No. | | | DNR Well ID No. | | Common Well Name | | |
| Final Static Water Level Feet | | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL Lat _____ ' _____ '' Long _____ ' _____ '' | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S Feet <input type="checkbox"/> E <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 36 | | 0 | Fill: Brown silty sand | FILL | | | 0.1 | | | | | | |
| | | | 2 | Fill: Brown silty clay | FILL | | | | | | | | | |
| | | | 4 | Fill: Brown silty fine sand, trace gravel | FILL | | | | | | | | | |
| 2 GP | 48 30 | | 6 | Fill: Light gray silty fine sand | FILL | | | <0.1 | | | | | | |
| | | | 8 | Fill: Dark brown silty sand, trace clay | FILL | | | | | | | | | |
| 3 GP | 48 36 | | 10 | Fill: Orangish brown and black silty sand, trace gravel | FILL | | | <0.1 | | | | | | |
| | | | 12 | Light brown gravelly sand | SP | | | | | | | | | |
| | | | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | | | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | |
|--|--|--|--|---|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | License/Permit/Monitoring Number | | Boring Number SB-4 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> | | MSL _____' _____" Lat _____' _____" Long _____' _____" | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W | |
| State Plane SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | | | | |

| | | | |
|-------------|---------------------------|--------------------------|--|
| Facility ID | County Marathon | County Code 37 | Civil Town/City/ or Village Wausau |
|-------------|---------------------------|--------------------------|--|

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 24 | | 0-2 | Fill: Dark brown to black silty sand, trace gravel | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Brown medium sand, trace gravel | FILL | | | <0.1 | | | | | | |
| 2 GP | 48 36 | | 4-6 | Orangish brown medium sand, trace to some gravel | SP | | | <0.1 | | | | | | |
| | | | | Orangish brown, gravelly, medium to coarse sand | SP | | | <0.1 | | | | | | |
| 3 GP | 48 36 | | 8-12 | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | <0.1 | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraska</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|---|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SB-5 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/13/2020 | | Date Drilling Completed 10/13/2020 | | |
| WI Unique Well No. | | DNR Well ID No. | Common Well Name | | Borehole Diameter 2.0 inches | | |
| | | | Final Static Water Level Feet | | Surface Elevation Feet MSL | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL Lat _____" Long _____" | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S Feet <input type="checkbox"/> E <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|---|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|------------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 18 | | 0-2 | Fill: Reddish brown coarse sand, some gravel | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Brown medium to coarse sand, trace gravel | FILL | | | | | | | | | |
| | | | | Fill: Light gray silty fine sand | FILL | | | | | | | | | |
| 2 GP | 48 24 | | 2-4 | Fill: Black silty fine sand, trace clay | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Brownish black and light brown coarse sand, trace gravel | FILL | | | | | | | | | |
| 3 GP | 48 36 | | 4-6 | Fill: Light brown to black silty fine sand, trace gravel | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Light brown to black silty fine sand, trace gravel | FILL | | | | | | | | | |
| | | | | Brown fine to medium sand, trace gravel | SP | | | | | | | | | |
| End of Boring at 12.0 feet Abandoned boring with bentonite | | | | | | | | | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|--|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SB-6 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/13/2020 | | Date Drilling Completed 10/13/2020 | | |
| WI Unique Well No. | | | DNR Well ID No. | | Common Well Name | | |
| Final Static Water Level Feet | | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL Lat _____ ' _____ '' Long _____ ' _____ '' | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 24 | | 0-2 | Fill: Brown fine sand | FILL | | | | | | | | | |
| | | | | Fill: Light brown fine sand, trace gravel | FILL | | | <0.1 | | | | | | |
| 2 GP | 48 42 | | 2-4 | Fill: Dark brown silty fine sand | FILL | | | | | | | | | |
| | | | | Fill: Light gray silty fine sand | FILL | | | <0.1 | | | | | | |
| 3 GP | 48 30 | | 4-12 | Fill: Orange silty fine sand, some wood | FILL | | | | | | | | | |
| | | | | Fill: Dark brown to black silty fine sand | FILL | | | <0.1 | | | | | | |
| | | | | Brown fine to medium sand | SP | | | <0.1 | | | | | | |
| | | | | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | |
|--|--|--|--|---|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | License/Permit/Monitoring Number | | Boring Number SB-7 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> | | MSL _____' _____" Lat _____' _____" Long _____' _____" | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W | |
| State Plane SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | | | | |

| | | | |
|-------------|---------------------------|--------------------------|--|
| Facility ID | County Marathon | County Code 37 | Civil Town/City/ or Village Wausau |
|-------------|---------------------------|--------------------------|--|

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 24 | | 0-2 | Fill: Dark gray fine sand | FILL | | | <0.1 | | | | | | |
| | | | 2-4 | Fill: Light gray silty fine sand | FILL | | | <0.1 | | | | | | |
| 2 GP | 48 30 | | 4-6 | Fill: Black fine sand | FILL | | | <0.1 | | | | | | |
| | | | 6-8 | Possible Fill: Dark brown medium sand, trace gravel | SP | | | <0.1 | | | | | | |
| 3 GP | 48 36 | | 8-10 | Brown medium sand | SP | | | <0.1 | | | | | | |
| | | | 10-12 | Brown fine sand | SP | | | <0.1 | | | | | | |
| | | | 12 | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | | | | | | | |

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

| | |
|--------------------------------|---|
| Signature <i>Mike DeBraska</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|--------------------------------|---|

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|---|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SB-8 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | | |
| Drilling Method Geoprobe | | | Final Static Water Level Feet | | Surface Elevation Feet MSL | | |
| WI Unique Well No. | | DNR Well ID No. | Common Well Name | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL Lat _____ ' _____ '' Long _____ ' _____ '' | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 24 | | 0-2 | Fill: Brown silty sand | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Dark brown to black silty fine sand | FILL | | | | | | | | | |
| 2 GP | 48 18 | | 2-4 | Fill: Light gray and black mixed silty fine sand | FILL | | | <0.1 | | | | | | |
| | | | | Possible Fill: Brown silty fine sand | SM | | | | | | | | | |
| 3 GP | 48 24 | | 4-10 | Brown medium sand | SP | | | <0.1 | | | | | | |
| | | | | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|---|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SB-9 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/13/2020 | | Date Drilling Completed 10/13/2020 | | |
| WI Unique Well No. | | | DNR Well ID No. | | Common Well Name | | |
| Final Static Water Level Feet | | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL Lat _____" Long _____" | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S Feet <input type="checkbox"/> E <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 24 | | 0-2 | Fill: Brown fine sand | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Dark brown to black silty fine sand, trace clay | FILL | | | <0.1 | | | | | | |
| 2 GP | 48 12 | | 4-6 | Fill: Light gray to brown silty fine sand, wet at 6.0 feet | FILL | | | <0.1 | | | | | | |
| | | | | Brown medium to coarse sand, trace to some gravel | SP | | | <0.1 | | | | | | |
| 3 GP | 48 24 | | 8-10 | Light brown medium sand, trace gravel | SP | | | <0.1 | | | | | | |
| | | | | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | | | | | | | |

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

| | |
|--------------------------------|---|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|--------------------------------|---|

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|---|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SB-10 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/13/2020 | | Date Drilling Completed 10/13/2020 | | |
| WI Unique Well No. | | | DNR Well ID No. | | Common Well Name | | |
| Final Static Water Level Feet | | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL Lat ° ' " | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | | Long ° ' " | | | | |
| Facility ID | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 18 | | 2 | Fill: Dark brown medium to coarse sand, trace gravel | FILL | | | <0.1 | | | | | | |
| | | | 4 | Fill: Brown medium to coarse sand, trace to some gravel | FILL | | | <0.1 | | | | | | |
| 2 GP | 48 30 | | 6 | Fill: Light brown and gray medium to coarse gravel | FILL | | | <0.1 | | | | | | |
| | | | 8 | Reddish orange coarse sand, some gravel | SP | | | <0.1 | | | | | | |
| 3 GP | 48 48 | | 8 | Orangish brown medium sand, trace to some gravel | SP | | | <0.1 | | | | | | |
| | | | 10 | Brown gravelly medium to coarse sand | SP | | | <0.1 | | | | | | |
| | | | 10 | Light brown medium sand, trace gravel | SP | | | <0.1 | | | | | | |
| | | | 12 | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | <0.1 | | | | | | |

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

| | |
|--------------------------------|---|
| Signature <i>Mike DeBraska</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|--------------------------------|---|

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

| | | | | | |
|---|--|--|--|---|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | License/Permit/Monitoring Number | | Boring Number SB-11 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | Date Drilling Started 10/13/2020 | | Date Drilling Completed 10/13/2020 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | MSL ° ' " Lat ° ' " | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | Long ° ' " | | | |
| Facility ID | | County Marathon | | County Code 37 | |
| | | | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 30 | | 0-2 | Fill: Brown medium to coarse sand, trace gravel | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Light brown silty fine sand | FILL | | | | | | | | | |
| 2 GP | 48 30 | | 2-4 | Fill: Brown medium sand, trace gravel | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Dark brownish black and light gray silty fine sand | FILL | | | | | | | | | |
| 3 GP | 48 36 | | 4-6 | Brown medium sand | SM | | | <0.1 | | | | | | |
| | | | | Brown medium to coarse sand, trace to some gravel | | | | | | | | | | |
| | | | 8-10 | Light gray silty fine sand seam at 10.0 feet | SP | | | <0.1 | | | | | | |
| | | | 10-12 | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | <0.1 | | | | | | |

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

Signature *Mike DeBraska* Firm **GEI Consultants, Inc. - 3159 Voyager Drive
Green Bay, WI 54311 920-455-8200**

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|--|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SB-12 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/13/2020 | | Date Drilling Completed 10/13/2020 | | |
| WI Unique Well No. | | | DNR Well ID No. | | Common Well Name | | |
| Final Static Water Level Feet | | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL ° ' " Lat ° ' " | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | | Long ° ' " | | | | |
| Facility ID | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 18 | | 1-2 | Fill: Dark brown fine sand | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Light gray silty fine sand | FILL | | | | | | | | | |
| 2 GP | 48 30 | | 3-4 | Fill: Gray and brown medium to coarse sand, trace gravel | FILL | | | <0.1 | | | | | | |
| | | | | Dark brown medium sand | SP | | | | | | | | | |
| 3 GP | 48 36 | | 5-12 | Light brown medium sand, trace gravel | SP | | | <0.1 | | | | | | |
| | | | | Light brown fine to medium sand, trace gravel | SP | | | | | | | | | |
| | | | | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | |
|---|--|--|--|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | License/Permit/Monitoring Number | | Boring Number SB-13 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | Date Drilling Started 10/13/2020 | | Date Drilling Completed 10/13/2020 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | MSL ° ' " Lat ° ' " | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | Long ° ' " | | | |
| Facility ID | | County Marathon | | County Code 37 | |
| | | | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 30 | | 0-2 | Asphalt Pavement | ASPHAL | | | | | | | | | |
| | | | | Fill: Dark brown silty fine sand | FILL | | | <0.1 | | | | | | |
| 2 GP | 48 30 | | 2-4 | Brown fine to medium sand, trace gravel | FILL | | | | | | | | | |
| | | | | Light brown medium sand, trace to some gravel | | | | <0.1 | | | | | | |
| 3 GP | 48 48 | | 4-12 | | SP | | | | | | | | | |
| | | | | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | <0.1 | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | |
|--|--|----------------------------------|--|-------------------------------|---|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | License/Permit/Monitoring Number | | Boring Number SB-14 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 |
| WI Unique Well No. | | DNR Well ID No. | Common Well Name | | Borehole Diameter 2.0 inches |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | | Final Static Water Level Feet | | Surface Elevation Feet MSL |
| | | | MSL Lat _____ ' _____ '' Long _____ ' _____ '' | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S Feet <input type="checkbox"/> E <input type="checkbox"/> W |

| | | | |
|-------------|---------------------------|--------------------------|--|
| Facility ID | County Marathon | County Code 37 | Civil Town/City/ or Village Wausau |
|-------------|---------------------------|--------------------------|--|

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|--|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 30 | | 0-2 | Fill: Black silty sand | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Light gray silty fine sand | FILL | | | | | | | | | |
| 2 GP | 48 12 | | 2-4 | Fill: Dark brown silty sand | FILL | | | 0.1 | | | | | | |
| | | | | Fill: Black sandy silt | FILL | | | | | | | | | |
| | | | | Fill: Dark brown silty sand | FILL | | | <0.1 | | | | | | |
| 3 GP | 48 12 | | 4-6 | Fill: Black silty sand, trace gravel, trace wood with red and white flecks | FILL | | | <0.1 | | | | | | |
| | | | | Wet at 6.0 feet | | | | | | | | | | |
| | | | 6-12 | Orangish brown fine to medium sand | SP | | | <0.1 | | | | | | |
| | | | | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | <0.1 | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | |
|---|--|--|--|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | License/Permit/Monitoring Number | | Boring Number SB-15 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | MSL ° ' " Lat ° ' " | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | Long ° ' " | | | |
| Facility ID | | County Marathon | | County Code 37 | |
| | | | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|--|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 24 | | 2 | Fill: Dark brown silty fine sand, trace gravel | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Dark brown silty clay | FILL | | | | | | | | | |
| 2 GP | 48 40 | | 4 | Fill: Dark brown silty fine sand | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Brown fine to medium sand, trace to some gravel, trace metal fragments | FILL | | | | | | | | | |
| 3 GP | 48 48 | | 8 | Possible Fill: Brown medium to coarse sand, trace to some gravel | SP | | | <0.1 | | | | | | |
| | | | | Possible Fill: Dark brown to black sandy silt, trace gravel | SM | | | | | | | | | |
| | | | | Possible Fill: Light gray silty fine sand, trace to some gravel | SM | | | | | | | | | |
| | | | | Brown gravelly coarse sand | SP | | | | | | | | | |
| | | | | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraska</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|---|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SB-16 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | | |
| WI Unique Well No. | | | DNR Well ID No. | | Common Well Name | | |
| Final Static Water Level Feet | | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL Lat _____ ' _____ '' Long _____ ' _____ '' | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S Feet <input type="checkbox"/> E <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |




| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 24 | | 2 | Fill: Brown medium sand | FILL | | | <0.1 | | | | | | |
| | | | | Fill: Dark gray medium to coarse sand, trace to some gravel | FILL | | | <0.1 | | | | | | |
| 2 GP | 48 40 | | 4 | Brown medium sand, trace gravel | | | | <0.1 | | | | | | |
| | | | | | | | | <0.1 | | | | | | |
| 3 GP | 48 48 | | 8 | | SP | | | <0.1 | | | | | | |
| | | | | | | | | <0.1 | | | | | | |
| | | | 10 | | | | | <0.1 | | | | | | |
| | | | 12 | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | <0.1 | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | | | |
|--|--|---------------------------|--|--------------------------|---|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SB-17 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | | |
| WI Unique Well No. | | DNR Well ID No. | Common Well Name | | Final Static Water Level Feet | | |
| | | | | | Surface Elevation Feet MSL | | |
| | | | | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> | | | MSL _____' _____" | | Local Grid Location | | |
| State Plane SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | | Lat _____' _____" | | Feet <input type="checkbox"/> N <input type="checkbox"/> S | | |
| | | | Long _____' _____" | | Feet <input type="checkbox"/> E <input type="checkbox"/> W | | |
| Facility ID | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|---|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 24 | | 0 | Fill: Dark gray to black fine sand, organic | FILL |  | | <0.1 | | | | | | |
| | | | 2 | Fill: Brown medium sand, trace gravel | FILL | | | | | | | | | <0.1 |
| 2 GP | 48 18 | | 4 | Fill: Dark grayish black fine sand | FILL |  | | <0.1 | | | | | | |
| | | | 6 | Fill: Light gray silty fine sand | FILL | | | | | | | | | <0.1 |
| 3 GP | 48 24 | | 8 | Fill: Dark brown fine to medium sand, organic | FILL |  | | <0.1 | | | | | | |
| | | | 10 | Fill: Gray to brown silty fine sand | FILL | | | | | | | | | <0.1 |
| | | | 12 | Fill: Dark grayish black fine sand, organic | FILL | | | | | | | | | <0.1 |
| | | | | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|--|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SB-18 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | | |
| WI Unique Well No. | | | DNR Well ID No. | | Common Well Name | | |
| Final Static Water Level Feet | | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL Lat ° ' " | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | | Long ° ' " | | | | |
| Facility ID | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 16 | | 0-2 | Asphalt Pavement | ASPHAL | | | | | | | | | |
| | | | | Fill: Dark brown silty sand | FILL | | | | | | | | | |
| 2 GP | 48 30 | | 2-4 | Fill: Light brown fine sand | FILL | | | | | | | | | |
| | | | | Fill: Dark brown medium sand, some gravel | FILL | | | | | | | | | |
| 3 GP | 48 48 | | 4-12 | Light brown to brown medium to coarse sand, some gravel | SP | | | | | | | | | |
| | | | | Brown medium sand, some gravel | SP | | | | | | | | | |
| | | | | Light brown sand, trace gravel | SP | | | | | | | | | |
| | | | | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | | | | | | | |

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

Signature *Mike DeBraske* Firm **GEI Consultants, Inc. - 3159 Voyager Drive
Green Bay, WI 54311 920-455-8200**

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

| | | | | | | | |
|--|--|---------------------------|---|--------------------------|---|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SB-19 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | | |
| Drilling Method Geoprobe | | | WI Unique Well No. | | DNR Well ID No. | | |
| Common Well Name | | | Final Static Water Level Feet | | Surface Elevation Feet MSL | | |
| Borehole Diameter 2.0 inches | | | Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | | MSL Lat _____ ' _____ '' Long _____ ' _____ '' | | Feet <input type="checkbox"/> E <input type="checkbox"/> W | | |
| Facility ID | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|------------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 24 | | 0-2 | Asphalt Pavement | ASPHAL | | | | | | | | | |
| | | | | Fill: Brown to dark brown medium to coarse sand and gravel | FILL | | | 0.1 | | | | | | |
| 2 GP | 48 36 | | 2-4 | Fill: Light brown silty fine to medium sand, trace to some gravel | | | | | | | | | | |
| | | | | Orangish brown medium sand, trace to some gravel | | | | <0.1 | | | | | | |
| 3 GP | 48 42 | | 4-6 | Light gray fine sand seam at 5.0 feet | SP | | | | | | | | | |
| | | | | | | | | <0.1 | | | | | | |
| | | | 6-10 | | | | | | | | | | | |
| | | | 10-12 | Brown gravelly medium to coarse sand | SP | | | | | | | | | |
| | | | 12 | End of Boring at 12.0 feet Abandoned boring with bentonite | | | | | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraska</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|---|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SBGW-1 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | | |
| WI Unique Well No. | | | DNR Well ID No. | | Common Well Name | | |
| Final Static Water Level Feet | | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL ° ' " Lat ° ' " | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | | Long ° ' " | | | | |
| Facility ID | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|--|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 24 | | 0-2 | Fill: Brown fine sand | FILL | | | 0.1 | | | | | | |
| | | | | Fill: Light gray silty fine sand, trace gravel | | | | <0.1 | | | | | | |
| 2 GP | 48 24 | | 4-6 | | FILL | | | <0.1 | | | | | | |
| | | | | | | | | <0.1 | | | | | | |
| 3 GP | 48 24 | | 8-10 | Fill: Dark brownish black silty sand, trace clay, trace gravel | FILL | | | <0.1 | | | | | | |
| | | | | | | | | <0.1 | | | | | | |
| 4 GP | 48 12 | | 12-14 | Brown fine to medium sand, trace gravel | SP | | | <0.1 | | | | | | |
| | | | | | | | | <0.1 | | | | | | |
| 5 GP | 48 24 | | 16-18 | Brown gravelly medium to coarse sand | SP | | | <0.1 | | | | | | |
| | | | | | | | | <0.1 | | | | | | |
| 6 GP | 48 24 | | 20-22 | Brown gravelly coarse sand | SP | | | <0.1 | | | | | | |
| | | | | | | | | <0.1 | | | | | | |
| 7 | 48 | | 24 | | | | | <0.1 | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|---|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SBGW-2 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | | |
| WI Unique Well No. | | | DNR Well ID No. | | Common Well Name | | |
| Final Static Water Level Feet | | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL ° ' " Lat ° ' " | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | | Long ° ' " | | | | |
| Facility ID | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 30 | | 0-2 | Asphalt Pavement | ASPHAL | | | | | | | | | |
| | | | | Fill: Dark brownish black silty fine to medium sand, trace gravel | FILL | | | 0.1 | | | | | | |
| 2 GP | 48 30 | | 4-6 | Orangish brown medium to coarse sand, trace gravel | SP | | | <0.1 | | | | | | |
| | | | | Orangish brown fine to medium sand | SP | | | <0.1 | | | | | | |
| 3 GP | 48 36 | | 8-10 | Light brown medium sand, trace to some gravel | SP | | | <0.1 | | | | | | |
| | | | | Light brown gravelly medium to coarse sand | SP | | | <0.1 | | | | | | |
| 4 GP | 48 24 | | 12-14 | | SP | | | <0.1 | | | | | | |
| | | | | | SP | | | <0.1 | | | | | | |
| 5 GP | 48 36 | | 16-18 | | SP | | | <0.1 | | | | | | |
| | | | | | SP | | | <0.1 | | | | | | |
| 6 GP | 48 24 | | 20-22 | | SP | | | <0.1 | | | | | | |
| | | | | | SP | | | <0.1 | | | | | | |
| 7 | 48 | | 24 | | | | | <0.1 | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

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

| | | | | | | | |
|---|--|---------------------------|--|--------------------------|---|--|--|
| Facility/Project Name Phase II ESA - 1300 Cleveland Avenue - Wausau | | | License/Permit/Monitoring Number | | Boring Number SBGW-3 | | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Geiss Soil & Samples, LLC | | | Date Drilling Started 10/12/2020 | | Date Drilling Completed 10/12/2020 | | |
| WI Unique Well No. | | | DNR Well ID No. | | Common Well Name | | |
| Final Static Water Level Feet | | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input checked="" type="checkbox"/> State Plane N, E S/C/N | | | MSL Lat _____" Long _____" | | Local Grid Location Feet <input type="checkbox"/> N <input type="checkbox"/> S Feet <input type="checkbox"/> E <input type="checkbox"/> W | | |
| SW 1/4 of SE 1/4 of Section 35, T 29 N, R 7 E | | County Marathon | | County Code 37 | | Civil Town/City/ or Village Wausau | |

| Sample Number and Type | Length Att. & Recovered (in) | 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 |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| 1 GP | 48 18 | | 2 | Fill: Brown coarse sand, trace gravel | FILL | | | <0.1 | | | | | | |
| | | | | Gray sand seam at 2.5 feet | | | | | | | | | | |
| 2 GP | 48 30 | | 4 | Possible Fill: Dark brown coarse sand, some gravel | SP | | | <0.1 | | | | | | |
| | | | | | | | | | | | | | | |
| 3 GP | 48 48 | | 8 | | SP | | | <0.1 | | | | | | |
| | | | | | | | | | | | | | | |
| 4 GP | 48 48 | | 12 | Brown medium to coarse sand, trace to some gravel | SP | | | <0.1 | | | | | | |
| | | | | | | | | | | | | | | |
| 5 GP | 48 36 | | 16 | Brown fine to medium sand, some gravel | SP | | | <0.1 | | | | | | |
| | | | | | | | | | | | | | | |
| 6 GP | 48 36 | | 20 | Brown medium to coarse sand, trace to some gravel | SP | | | <0.1 | | | | | | |
| | | | | | | | | | | | | | | |
| 7 | 48 | | 24 | Brown fine to medium sand, some gravel | SP | | | <0.1 | | | | | | |
| | | | | | | | | | | | | | | |

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

| | |
|-----------------------------------|--|
| Signature <i>Mike DeBraske</i> | Firm GEI Consultants, Inc. - 3159 Voyager Drive Green Bay, WI 54311 920-455-8200 |
|-----------------------------------|--|

Appendix B


Photographic Log


PHOTOGRAPHIC LOG

| | | | |
|--|---|-----------------------------------|-------------------------------|
| PHOTOGRAPH NO: 1 | DATE: October 2020 | GEI PROJECT NO: 2004400 | CLIENT: City of Wausau |
| DIRECTION: E-NE | SITE LOCATION: 1300 Cleveland Avenue, Wausau, WI | | |
| DESCRIPTION: Looking toward entrance to site off Cleveland Avenue. |  | | |


| | | | |
|--|--|-----------------------------------|-------------------------------|
| PHOTOGRAPH NO: 2 | DATE: October 2020 | GEI PROJECT NO: 2004400 | CLIENT: City of Wausau |
| DIRECTION: W | SITE LOCATION: 1300 Cleveland Avenue, Wausau, WI | | |
| DESCRIPTION: Looking along the northern site boundary. |  | | |


PHOTOGRAPHIC LOG

| | | | |
|--|---|-----------------------------------|-------------------------------|
| PHOTOGRAPH NO: 3 | DATE: October 2020 | GEI PROJECT NO: 2004400 | CLIENT: City of Wausau |
| DIRECTION: N | SITE LOCATION: 1300 Cleveland Avenue, Wausau, WI | | |
| DESCRIPTION: Looking toward boing location SBGW-3 in the far northwest corner of the site. |  | | |


| | | | |
|---|--|-----------------------------------|-------------------------------|
| PHOTOGRAPH NO: 4 | DATE: October 2020 | GEI PROJECT NO: 2004400 | CLIENT: City of Wausau |
| DIRECTION: SE | SITE LOCATION: 1300 Cleveland Avenue, Wausau, WI | | |
| DESCRIPTION: Looking from northwest portion of the site across the slab foundation associated with the industrial building razed in 2019. |  | | |

PHOTOGRAPHIC LOG

| | | | |
|---|---|-----------------------------------|-------------------------------|
| PHOTOGRAPH NO: 5 | DATE: October 2020 | GEI PROJECT NO: 2004400 | CLIENT: City of Wausau |
| DIRECTION: S | SITE LOCATION: 1300 Cleveland Avenue, Wausau, WI | | |
| DESCRIPTION: Looking along the western site boundary toward location SB-15. |  | | |

| | | | |
|---|--|-----------------------------------|-------------------------------|
| PHOTOGRAPH NO: 6 | DATE: October 2020 | GEI PROJECT NO: 2004400 | CLIENT: City of Wausau |
| DIRECTION: W | SITE LOCATION: 1300 Cleveland Avenue, Wausau, WI | | |
| DESCRIPTION: Looking along drainage swale to the south of the storage building and toward boring locations SB-8 and SB-9. |  | | |


PHOTOGRAPHIC LOG

| | | | |
|---|---|---|-------------------------------|
| PHOTOGRAPH NO: 7 | DATE: October 2020 | GEI PROJECT NO: 2004400 | CLIENT: City of Wausau |
| DIRECTION: W | | SITE LOCATION: 1300 Cleveland Avenue, Wausau, WI | |
| <p>DESCRIPTION:</p> <p>Looking beyond boring location SB-14 positioned to the northeast of the storage building.</p> |  | | |

| | | | |
|--|--|---|-------------------------------|
| PHOTOGRAPH NO: 8 | DATE: October 2020 | GEI PROJECT NO: 2004400 | CLIENT: City of Wausau |
| DIRECTION: SW | | SITE LOCATION: 1300 Cleveland Avenue, Wausau, WI | |
| <p>DESCRIPTION:</p> <p>Looking across southern portion of the site toward boring locations SB-2 and SB-5.</p> |  | | |

PHOTOGRAPHIC LOG

| | | | |
|--|---|---|-------------------------------|
| PHOTOGRAPH NO: 9 | DATE: October 2020 | GEI PROJECT NO: 2004400 | CLIENT: City of Wausau |
| DIRECTION: W-SW | | SITE LOCATION: 1300 Cleveland Avenue, Wausau, WI | |
| <p>DESCRIPTION:</p> <p>Looking beyond the abandoned borehole associated with boring SBGW-2.</p> |  | | |

| | | | |
|---|--|---|-------------------------------|
| PHOTOGRAPH NO: 10 | DATE: October 2020 | GEI PROJECT NO: 2004400 | CLIENT: City of Wausau |
| DIRECTION: W | | SITE LOCATION: 1300 Cleveland Avenue, Wausau, WI | |
| <p>DESCRIPTION:</p> <p>Looking beyond the abandoned borehole associated with boring SB-16.</p> |  | | |

Appendix C

Laboratory Analytical Reports

November 04, 2020

Mike Debraske
GEI Consultants, Inc.
3159 Voyager Drive
Green Bay, WI 54311

RE: Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Dear Mike Debraske:

Enclosed are the analytical results for sample(s) received by the laboratory on October 13, 2020. 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 National - Mt. Juliet
- Pace Analytical Services - Green Bay

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

Sincerely,



Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

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

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: VT2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|-----------------|--------|----------------|----------------|
| 40216442001 | SB-1 (4'-8') | Solid | 10/12/20 13:25 | 10/13/20 15:39 |
| 40216442002 | SB-1 (8'-12') | Solid | 10/12/20 13:30 | 10/13/20 15:39 |
| 40216442003 | SB-2 (0'-4') | Solid | 10/12/20 15:20 | 10/13/20 15:39 |
| 40216442004 | SB-2 (4'-8') | Solid | 10/12/20 15:30 | 10/13/20 15:39 |
| 40216442005 | SB-3 (0'-4') | Solid | 10/12/20 15:00 | 10/13/20 15:39 |
| 40216442006 | SB-3 (8'-12') | Solid | 10/12/20 15:10 | 10/13/20 15:39 |
| 40216442007 | SB-4 (0.5'-4') | Solid | 10/12/20 13:50 | 10/13/20 15:39 |
| 40216442008 | SB-4 (8'-12') | Solid | 10/12/20 14:00 | 10/13/20 15:39 |
| 40216442009 | SB-7 (0'-4') | Solid | 10/12/20 13:10 | 10/13/20 15:39 |
| 40216442010 | SB-7 (8'-12') | Solid | 10/12/20 13:20 | 10/13/20 15:39 |
| 40216442011 | SB-8 (0'-4') | Solid | 10/12/20 14:30 | 10/13/20 15:39 |
| 40216442012 | SB-8 (8'-12') | Solid | 10/12/20 14:40 | 10/13/20 15:39 |
| 40216442013 | SB-14 (0'-4') | Solid | 10/12/20 15:55 | 10/13/20 15:39 |
| 40216442014 | SB-14 (4'-8') | Solid | 10/12/20 16:00 | 10/13/20 15:39 |
| 40216442015 | SB-15 (0'-4') | Solid | 10/12/20 16:45 | 10/13/20 15:39 |
| 40216442016 | SB-15 (8'-12') | Solid | 10/12/20 16:50 | 10/13/20 15:39 |
| 40216442017 | SB-16 (0'-4') | Solid | 10/12/20 12:10 | 10/13/20 15:39 |
| 40216442018 | SB-16 (8'-12') | Solid | 10/12/20 12:15 | 10/13/20 15:39 |
| 40216442019 | SB-17 (0'-4') | Solid | 10/12/20 12:30 | 10/13/20 15:39 |
| 40216442020 | SB-17 (8'-12') | Solid | 10/12/20 12:40 | 10/13/20 15:39 |
| 40216442021 | SB-18 (0.5'-4') | Solid | 10/12/20 11:50 | 10/13/20 15:39 |
| 40216442022 | SB-18 (10'-12') | Solid | 10/12/20 12:00 | 10/13/20 15:39 |
| 40216442023 | SB-19 (0.5'-4') | Solid | 10/12/20 16:20 | 10/13/20 15:39 |
| 40216442024 | SB-19 (8'-12') | Solid | 10/12/20 16:30 | 10/13/20 15:39 |
| 40216442025 | SB-5 (0'-4') | Solid | 10/13/20 09:15 | 10/13/20 15:39 |
| 40216442026 | SB-5 (8'-12') | Solid | 10/13/20 09:20 | 10/13/20 15:39 |
| 40216442027 | SB-6 (0'-4') | Solid | 10/13/20 08:50 | 10/13/20 15:39 |
| 40216442028 | SB-6 (8'-12') | Solid | 10/13/20 08:55 | 10/13/20 15:39 |
| 40216442029 | SB-9 (0'-4') | Solid | 10/13/20 08:30 | 10/13/20 15:39 |
| 40216442030 | SB-9 (8'-12') | Solid | 10/13/20 08:35 | 10/13/20 15:39 |
| 40216442031 | SB-10 (0'-4') | Solid | 10/13/20 09:35 | 10/13/20 15:39 |
| 40216442032 | SB-10 (8'-12') | Solid | 10/13/20 09:40 | 10/13/20 15:39 |
| 40216442033 | SB-11 (0'-4') | Solid | 10/13/20 08:15 | 10/13/20 15:39 |
| 40216442034 | SB-11 (8'-12') | Solid | 10/13/20 08:20 | 10/13/20 15:39 |
| 40216442035 | SB-12 (0'-4') | Solid | 10/13/20 07:35 | 10/13/20 15:39 |
| 40216442036 | SB-12 (8'-12') | Solid | 10/13/20 07:45 | 10/13/20 15:39 |
| 40216442037 | SB-13 (0.5'-4') | Solid | 10/13/20 07:55 | 10/13/20 15:39 |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|------------------|--------|----------------|----------------|
| 40216442038 | SB-13 (8'-12') | Solid | 10/13/20 08:00 | 10/13/20 15:39 |
| 40216442039 | SBGW-1 (3'-7') | Solid | 10/12/20 07:45 | 10/13/20 15:39 |
| 40216442040 | SBGW-1 (11'-15') | Solid | 10/12/20 08:05 | 10/13/20 15:39 |
| 40216442041 | SBGW-2 (0.5'-4') | Solid | 10/12/20 09:00 | 10/13/20 15:39 |
| 40216442042 | SBGW-2 (12'-16') | Solid | 10/12/20 09:05 | 10/13/20 15:39 |
| 40216442043 | SBGW-3 (0'-4') | Solid | 10/12/20 10:35 | 10/13/20 15:39 |
| 40216442044 | SBGW-3 (8'-12') | Solid | 10/12/20 10:50 | 10/13/20 15:39 |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory | | |
|---------------|---------------|---------------|----------------|-------------------|------------|----|--------|
| 40216442001 | SB-1 (4'-8') | EPA 6010 | TXW | 12 | PASI-G | | |
| | | EPA 7471 | AJT | 1 | PASI-G | | |
| | | EPA 8270 | RJN | 23 | PASI-G | | |
| | | EPA 8260 | ALD | 65 | PASI-G | | |
| | | ASTM D2974-87 | AH | 1 | PASI-G | | |
| | | SM 2540G | KBC | 1 | PAN | | |
| | | EPA 7196A | KEG | 1 | PAN | | |
| 40216442002 | SB-1 (8'-12') | EPA 6010 | TXW | 12 | PASI-G | | |
| | | EPA 7471 | AJT | 1 | PASI-G | | |
| | | EPA 8270 | RJN | 23 | PASI-G | | |
| | | EPA 8260 | ALD | 65 | PASI-G | | |
| | | ASTM D2974-87 | AH | 1 | PASI-G | | |
| | | 40216442003 | SB-2 (0'-4') | EPA 6010 | TXW | 12 | PASI-G |
| | | | | EPA 7471 | AJT | 1 | PASI-G |
| EPA 8270 | RJN | | | 24 | PASI-G | | |
| EPA 8260 | MDS | | | 65 | PASI-G | | |
| ASTM D2974-87 | AH | | | 1 | PASI-G | | |
| 40216442004 | SB-2 (4'-8') | | | EPA 6010 | TXW | 12 | PASI-G |
| | | | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 24 | PASI-G | | |
| | | EPA 8260 | MDS | 65 | PASI-G | | |
| | | ASTM D2974-87 | AH | 1 | PASI-G | | |
| | | 40216442005 | SB-3 (0'-4') | EPA 6010 | TXW | 12 | PASI-G |
| | | | | EPA 7471 | AJT | 1 | PASI-G |
| EPA 8270 | RJN | | | 23 | PASI-G | | |
| EPA 8260 | MDS | | | 65 | PASI-G | | |
| ASTM D2974-87 | AH | | | 1 | PASI-G | | |
| 40216442006 | SB-3 (8'-12') | | | EPA 6010 | TXW | 12 | PASI-G |
| | | | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G | | |
| | | EPA 8260 | MDS | 65 | PASI-G | | |
| | | ASTM D2974-87 | AH | 1 | PASI-G | | |
| | | 40216442007 | SB-4 (0.5'-4') | EPA 6010 | TXW | 12 | PASI-G |
| | | | | EPA 7471 | AJT | 1 | PASI-G |
| EPA 8270 | RJN | | | 24 | PASI-G | | |
| EPA 8260 | ALD | | | 65 | PASI-G | | |
| ASTM D2974-87 | AH | | | 1 | PASI-G | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|---------------|---------------|----------|-------------------|------------|
| 40216442008 | SB-4 (8'-12') | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 24 | PASI-G |
| | | EPA 8260 | ALD | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| 40216442009 | SB-7 (0'-4') | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | ALD | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| 40216442010 | SB-7 (8'-12') | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | ALD | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| 40216442011 | SB-8 (0'-4') | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 24 | PASI-G |
| | | EPA 8260 | ALD | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| 40216442012 | SB-8 (8'-12') | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 24 | PASI-G |
| | | EPA 8260 | ALD | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| 40216442013 | SB-14 (0'-4') | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 24 | PASI-G |
| | | EPA 8260 | ALD | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| 40216442014 | SB-14 (4'-8') | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 24 | PASI-G |
| | | EPA 8260 | ALD | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| 40216442015 | SB-15 (0'-4') | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|-----------------|---------------|----------|-------------------|------------|
| 40216442016 | SB-15 (8'-12') | EPA 8270 | RJN | 24 | PASI-G |
| | | EPA 8260 | ALD | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 24 | PASI-G |
| 40216442017 | SB-16 (0'-4') | EPA 8260 | ALD | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | ALD | 65 | PASI-G |
| 40216442018 | SB-16 (8'-12') | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| 40216442019 | SB-17 (0'-4') | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| 40216442020 | SB-17 (8'-12') | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| 40216442021 | SB-18 (0.5'-4') | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| 40216442022 | SB-18 (10'-12') | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|-----------------|---------------|----------|-------------------|------------|
| 40216442023 | SB-19 (0.5'-4') | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 24 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| 40216442024 | SB-19 (8'-12') | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 24 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| 40216442025 | SB-5 (0'-4') | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| 40216442026 | SB-5 (8'-12') | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| 40216442027 | SB-6 (0'-4') | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| 40216442028 | SB-6 (8'-12') | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| 40216442029 | SB-9 (0'-4') | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| 40216442030 | SB-9 (8'-12') | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|-----------------|---------------|----------|-------------------|------------|
| 40216442031 | SB-10 (0'-4') | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| 40216442032 | SB-10 (8'-12') | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| 40216442033 | SB-11 (0'-4') | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| 40216442034 | SB-11 (8'-12') | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| 40216442035 | SB-12 (0'-4') | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| 40216442036 | SB-12 (8'-12') | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| 40216442037 | SB-13 (0.5'-4') | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| | | EPA 8260 | SMT | 65 | PASI-G |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|------------------|---------------|----------|-------------------|------------|
| 40216442038 | SB-13 (8'-12') | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| 40216442039 | SBGW-1 (3'-7') | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| 40216442040 | SBGW-1 (11'-15') | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| 40216442041 | SBGW-2 (0.5'-4') | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| 40216442042 | SBGW-2 (12'-16') | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| 40216442043 | SBGW-3 (0'-4') | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |
| 40216442044 | SBGW-3 (8'-12') | EPA 8260 | SMT | 65 | PASI-G |
| | | ASTM D2974-87 | AH | 1 | PASI-G |
| | | EPA 6010 | TXW | 12 | PASI-G |
| | | EPA 7471 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 23 | PASI-G |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|--------|-----------|--------|----------|-------------------|------------|
|--------|-----------|--------|----------|-------------------|------------|

PAN = Pace National - Mt. Juliet
PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

| Lab Sample ID | Client Sample ID | Result | Units | Report Limit | Analyzed | Qualifiers |
|--------------------|------------------------|--------|-------|--------------|----------------|------------|
| Method | Parameters | | | | | |
| 40216442001 | SB-1 (4'-8') | | | | | |
| EPA 6010 | Arsenic | 7.0 | mg/kg | 4.1 | 10/16/20 19:08 | |
| EPA 6010 | Beryllium | 0.49J | mg/kg | 0.66 | 10/16/20 19:08 | |
| EPA 6010 | Cadmium | 0.27J | mg/kg | 0.83 | 10/16/20 19:08 | |
| EPA 6010 | Chromium | 55.4 | mg/kg | 1.7 | 10/16/20 19:08 | MO |
| EPA 6010 | Copper | 31.3 | mg/kg | 1.7 | 10/16/20 19:08 | MO |
| EPA 6010 | Lead | 32.5 | mg/kg | 3.3 | 10/16/20 19:08 | |
| EPA 6010 | Nickel | 15.1 | mg/kg | 1.7 | 10/16/20 19:08 | |
| EPA 6010 | Thallium | 1.7J | mg/kg | 6.6 | 10/16/20 19:08 | |
| EPA 6010 | Zinc | 87.1 | mg/kg | 6.6 | 10/16/20 19:08 | MO |
| EPA 8270 | Chrysene | 213J | ug/kg | 692 | 10/19/20 11:49 | |
| EPA 8270 | Fluoranthene | 257J | ug/kg | 655 | 10/19/20 11:49 | |
| ASTM D2974-87 | Percent Moisture | 39.8 | % | 0.10 | 10/14/20 08:19 | |
| SM 2540G | Total Solids | 72.1 | % | | 11/02/20 14:37 | |
| 40216442002 | SB-1 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.24J | mg/kg | 0.46 | 10/16/20 19:22 | |
| EPA 6010 | Chromium | 12.4 | mg/kg | 1.1 | 10/16/20 19:22 | |
| EPA 6010 | Copper | 11.0 | mg/kg | 1.1 | 10/16/20 19:22 | |
| EPA 6010 | Lead | 2.1J | mg/kg | 2.3 | 10/16/20 19:22 | |
| EPA 6010 | Nickel | 9.0 | mg/kg | 1.1 | 10/16/20 19:22 | |
| EPA 6010 | Zinc | 16.6 | mg/kg | 4.6 | 10/16/20 19:22 | |
| EPA 8270 | Benzo(a)anthracene | 47.7J | ug/kg | 100 | 10/20/20 12:25 | |
| EPA 8270 | Benzo(a)pyrene | 85.2J | ug/kg | 97.2 | 10/20/20 12:25 | |
| EPA 8270 | Benzo(b)fluoranthene | 85.2J | ug/kg | 111 | 10/20/20 12:25 | |
| EPA 8270 | Benzo(g,h,i)perylene | 89.8J | ug/kg | 169 | 10/20/20 12:25 | |
| EPA 8270 | Benzo(k)fluoranthene | 71.9J | ug/kg | 155 | 10/20/20 12:25 | |
| EPA 8270 | Chrysene | 58.2J | ug/kg | 96.6 | 10/20/20 12:25 | |
| EPA 8270 | Fluoranthene | 63.8J | ug/kg | 91.4 | 10/20/20 12:25 | |
| EPA 8270 | Indeno(1,2,3-cd)pyrene | 76.4J | ug/kg | 140 | 10/20/20 12:25 | |
| EPA 8270 | Phenanthrene | 30.0J | ug/kg | 82.9 | 10/20/20 12:25 | |
| EPA 8270 | Pyrene | 60.7J | ug/kg | 143 | 10/20/20 12:25 | |
| ASTM D2974-87 | Percent Moisture | 13.7 | % | 0.10 | 10/14/20 08:19 | |
| 40216442003 | SB-2 (0'-4') | | | | | |
| EPA 6010 | Arsenic | 2.1J | mg/kg | 2.7 | 10/16/20 19:27 | |
| EPA 6010 | Beryllium | 0.25J | mg/kg | 0.44 | 10/16/20 19:27 | |
| EPA 6010 | Cadmium | 0.33J | mg/kg | 0.55 | 10/16/20 19:27 | |
| EPA 6010 | Chromium | 40.9 | mg/kg | 1.1 | 10/16/20 19:27 | |
| EPA 6010 | Copper | 9.4 | mg/kg | 1.1 | 10/16/20 19:27 | |
| EPA 6010 | Lead | 15.9 | mg/kg | 2.2 | 10/16/20 19:27 | |
| EPA 6010 | Nickel | 8.3 | mg/kg | 1.1 | 10/16/20 19:27 | |
| EPA 6010 | Thallium | 1.1J | mg/kg | 4.4 | 10/16/20 19:27 | |
| EPA 6010 | Zinc | 63.7 | mg/kg | 4.4 | 10/16/20 19:27 | |
| EPA 7471 | Mercury | 0.089 | mg/kg | 0.036 | 10/15/20 13:02 | |
| EPA 8270 | Benzo(a)anthracene | 74.4J | ug/kg | 98.0 | 10/19/20 09:01 | |
| EPA 8270 | Benzo(a)pyrene | 118 | ug/kg | 95.3 | 10/19/20 09:01 | |
| EPA 8270 | Benzo(b)fluoranthene | 122 | ug/kg | 109 | 10/19/20 09:01 | |
| EPA 8270 | Benzo(g,h,i)perylene | 89.3J | ug/kg | 166 | 10/19/20 09:01 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab Sample ID | Client Sample ID | Result | Units | Report Limit | Analyzed | Qualifiers |
|--------------------|------------------------|--------|-------|--------------|----------------|------------|
| Method | Parameters | | | | | |
| 40216442003 | SB-2 (0'-4') | | | | | |
| EPA 8270 | Benzo(k)fluoranthene | 111J | ug/kg | 152 | 10/19/20 09:01 | |
| EPA 8270 | Chrysene | 92.7J | ug/kg | 94.7 | 10/19/20 09:01 | |
| EPA 8270 | Fluoranthene | 145 | ug/kg | 89.6 | 10/19/20 09:01 | |
| EPA 8270 | Indeno(1,2,3-cd)pyrene | 53.1J | ug/kg | 137 | 10/19/20 09:01 | |
| EPA 8270 | Phenanthrene | 41.8J | ug/kg | 81.2 | 10/19/20 09:01 | |
| EPA 8270 | Pyrene | 144 | ug/kg | 140 | 10/19/20 09:01 | |
| ASTM D2974-87 | Percent Moisture | 12.2 | % | 0.10 | 10/14/20 08:19 | |
| 40216442004 | SB-2 (4'-8') | | | | | |
| EPA 6010 | Beryllium | 0.41J | mg/kg | 0.42 | 10/16/20 19:29 | |
| EPA 6010 | Chromium | 5.6 | mg/kg | 1.1 | 10/16/20 19:29 | |
| EPA 6010 | Copper | 4.9 | mg/kg | 1.1 | 10/16/20 19:29 | |
| EPA 6010 | Lead | 11.7 | mg/kg | 2.1 | 10/16/20 19:29 | |
| EPA 6010 | Nickel | 1.6 | mg/kg | 1.1 | 10/16/20 19:29 | |
| EPA 6010 | Thallium | 0.87J | mg/kg | 4.2 | 10/16/20 19:29 | |
| EPA 6010 | Zinc | 32.6 | mg/kg | 4.2 | 10/16/20 19:29 | |
| ASTM D2974-87 | Percent Moisture | 11.9 | % | 0.10 | 10/14/20 08:19 | |
| 40216442005 | SB-3 (0'-4') | | | | | |
| EPA 6010 | Beryllium | 0.24J | mg/kg | 0.44 | 10/16/20 19:32 | |
| EPA 6010 | Cadmium | 0.19J | mg/kg | 0.56 | 10/16/20 19:32 | |
| EPA 6010 | Chromium | 18.3 | mg/kg | 1.1 | 10/16/20 19:32 | |
| EPA 6010 | Copper | 7.7 | mg/kg | 1.1 | 10/16/20 19:32 | |
| EPA 6010 | Lead | 15.0 | mg/kg | 2.2 | 10/16/20 19:32 | |
| EPA 6010 | Nickel | 6.1 | mg/kg | 1.1 | 10/16/20 19:32 | |
| EPA 6010 | Thallium | 0.87J | mg/kg | 4.4 | 10/16/20 19:32 | |
| EPA 6010 | Zinc | 61.4 | mg/kg | 4.4 | 10/16/20 19:32 | |
| EPA 7471 | Mercury | 0.055 | mg/kg | 0.038 | 10/15/20 13:07 | |
| EPA 8270 | Benzo(a)pyrene | 39.7J | ug/kg | 94.4 | 10/16/20 15:24 | |
| EPA 8270 | Benzo(g,h,i)perylene | 62.3J | ug/kg | 164 | 10/16/20 15:24 | |
| EPA 8270 | Fluoranthene | 32.4J | ug/kg | 88.8 | 10/16/20 15:24 | |
| EPA 8270 | Pyrene | 45.5J | ug/kg | 139 | 10/16/20 15:24 | |
| ASTM D2974-87 | Percent Moisture | 11.3 | % | 0.10 | 10/14/20 08:19 | |
| 40216442006 | SB-3 (8'-12') | | | | | |
| EPA 6010 | Arsenic | 3.1 | mg/kg | 2.8 | 10/16/20 19:34 | |
| EPA 6010 | Beryllium | 1.3 | mg/kg | 0.45 | 10/16/20 19:34 | |
| EPA 6010 | Chromium | 11.4 | mg/kg | 1.1 | 10/16/20 19:34 | |
| EPA 6010 | Copper | 8.8 | mg/kg | 1.1 | 10/16/20 19:34 | |
| EPA 6010 | Lead | 43.6 | mg/kg | 2.2 | 10/16/20 19:34 | |
| EPA 6010 | Nickel | 5.5 | mg/kg | 1.1 | 10/16/20 19:34 | |
| EPA 6010 | Thallium | 1.3J | mg/kg | 4.5 | 10/16/20 19:34 | |
| EPA 6010 | Zinc | 118 | mg/kg | 4.5 | 10/16/20 19:34 | |
| EPA 8270 | Phenanthrene | 31.7J | ug/kg | 83.2 | 10/16/20 15:45 | |
| ASTM D2974-87 | Percent Moisture | 14.2 | % | 0.10 | 10/14/20 08:19 | |
| 40216442007 | SB-4 (0.5'-4') | | | | | |
| EPA 6010 | Beryllium | 0.27J | mg/kg | 0.42 | 10/16/20 19:36 | |
| EPA 6010 | Chromium | 7.6 | mg/kg | 1.1 | 10/16/20 19:36 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab Sample ID | Client Sample ID | Result | Units | Report Limit | Analyzed | Qualifiers |
|--------------------|-----------------------|--------|-------|--------------|----------------|------------|
| Method | Parameters | | | | | |
| 40216442007 | SB-4 (0.5'-4') | | | | | |
| EPA 6010 | Copper | 8.3 | mg/kg | 1.1 | 10/16/20 19:36 | |
| EPA 6010 | Lead | 4.6 | mg/kg | 2.1 | 10/16/20 19:36 | |
| EPA 6010 | Nickel | 5.2 | mg/kg | 1.1 | 10/16/20 19:36 | |
| EPA 6010 | Thallium | 1.0J | mg/kg | 4.2 | 10/16/20 19:36 | |
| EPA 6010 | Zinc | 37.7 | mg/kg | 4.2 | 10/16/20 19:36 | |
| EPA 8270 | Benzo(a)anthracene | 162J | ug/kg | 456 | 10/19/20 12:10 | |
| EPA 8270 | Benzo(a)pyrene | 177J | ug/kg | 443 | 10/19/20 12:10 | |
| EPA 8270 | Benzo(b)fluoranthene | 226J | ug/kg | 506 | 10/19/20 12:10 | |
| EPA 8270 | Chrysene | 197J | ug/kg | 440 | 10/19/20 12:10 | |
| EPA 8270 | Fluoranthene | 297J | ug/kg | 417 | 10/19/20 12:10 | |
| EPA 8270 | Pyrene | 256J | ug/kg | 653 | 10/19/20 12:10 | |
| ASTM D2974-87 | Percent Moisture | 5.5 | % | 0.10 | 10/14/20 08:20 | |
| 40216442008 | SB-4 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.27J | mg/kg | 0.40 | 10/16/20 19:39 | |
| EPA 6010 | Chromium | 13.0 | mg/kg | 1.0 | 10/16/20 19:39 | |
| EPA 6010 | Copper | 15.3 | mg/kg | 1.0 | 10/16/20 19:39 | |
| EPA 6010 | Lead | 2.2 | mg/kg | 2.0 | 10/16/20 19:39 | |
| EPA 6010 | Nickel | 11.5 | mg/kg | 1.0 | 10/16/20 19:39 | |
| EPA 6010 | Zinc | 18.2 | mg/kg | 4.0 | 10/16/20 19:39 | |
| EPA 8270 | Benzo(a)pyrene | 28.1J | ug/kg | 86.0 | 10/20/20 12:46 | |
| ASTM D2974-87 | Percent Moisture | 2.5 | % | 0.10 | 10/14/20 08:20 | |
| 40216442009 | SB-7 (0'-4') | | | | | |
| EPA 6010 | Beryllium | 0.30J | mg/kg | 0.42 | 10/16/20 19:46 | |
| EPA 6010 | Chromium | 0.55J | mg/kg | 1.0 | 10/16/20 19:46 | |
| EPA 6010 | Copper | 3.4 | mg/kg | 1.0 | 10/16/20 19:46 | |
| EPA 6010 | Lead | 6.2 | mg/kg | 2.1 | 10/16/20 19:46 | |
| EPA 6010 | Nickel | 0.77J | mg/kg | 1.0 | 10/16/20 19:46 | |
| EPA 6010 | Silver | 0.33J | mg/kg | 1.0 | 10/16/20 19:46 | |
| EPA 6010 | Thallium | 1.4J | mg/kg | 4.2 | 10/16/20 19:46 | |
| EPA 6010 | Zinc | 38.9 | mg/kg | 4.2 | 10/16/20 19:46 | |
| ASTM D2974-87 | Percent Moisture | 6.9 | % | 0.10 | 10/14/20 08:20 | |
| 40216442010 | SB-7 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.19J | mg/kg | 0.42 | 10/16/20 19:48 | |
| EPA 6010 | Chromium | 6.3 | mg/kg | 1.1 | 10/16/20 19:48 | |
| EPA 6010 | Copper | 7.1 | mg/kg | 1.1 | 10/16/20 19:48 | |
| EPA 6010 | Lead | 1.6J | mg/kg | 2.1 | 10/16/20 19:48 | |
| EPA 6010 | Nickel | 6.7 | mg/kg | 1.1 | 10/16/20 19:48 | |
| EPA 6010 | Zinc | 9.6 | mg/kg | 4.2 | 10/16/20 19:48 | |
| ASTM D2974-87 | Percent Moisture | 11.4 | % | 0.10 | 10/14/20 08:20 | |
| 40216442011 | SB-8 (0'-4') | | | | | |
| EPA 6010 | Antimony | 4.5 | mg/kg | 3.8 | 10/16/20 19:51 | |
| EPA 6010 | Arsenic | 9.3 | mg/kg | 4.8 | 10/16/20 19:51 | |
| EPA 6010 | Cadmium | 0.87J | mg/kg | 0.95 | 10/16/20 19:51 | |
| EPA 6010 | Chromium | 7.7 | mg/kg | 3.8 | 10/19/20 13:40 | |
| EPA 6010 | Copper | 75.8 | mg/kg | 1.9 | 10/16/20 19:51 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab Sample ID | Client Sample ID | Result | Units | Report Limit | Analyzed | Qualifiers |
|--------------------|------------------------|--------|-------|--------------|----------------|------------|
| Method | Parameters | | | | | |
| 40216442011 | SB-8 (0'-4') | | | | | |
| EPA 6010 | Lead | 35.9 | mg/kg | 7.6 | 10/19/20 13:40 | |
| EPA 6010 | Nickel | 10.6 | mg/kg | 1.9 | 10/16/20 19:51 | |
| EPA 6010 | Zinc | 349 | mg/kg | 7.6 | 10/16/20 19:51 | |
| EPA 7471 | Mercury | 0.024J | mg/kg | 0.067 | 10/15/20 13:35 | |
| EPA 8270 | Benzo(a)pyrene | 587J | ug/kg | 1620 | 10/20/20 13:07 | |
| EPA 8270 | Indeno(1,2,3-cd)pyrene | 732J | ug/kg | 2330 | 10/20/20 13:07 | |
| ASTM D2974-87 | Percent Moisture | 48.2 | % | 0.10 | 10/14/20 08:20 | |
| 40216442012 | SB-8 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.12J | mg/kg | 0.39 | 10/16/20 19:54 | |
| EPA 6010 | Chromium | 5.2 | mg/kg | 0.97 | 10/16/20 19:54 | |
| EPA 6010 | Copper | 5.1 | mg/kg | 0.97 | 10/16/20 19:54 | |
| EPA 6010 | Lead | 0.87J | mg/kg | 1.9 | 10/16/20 19:54 | |
| EPA 6010 | Nickel | 4.7 | mg/kg | 0.97 | 10/16/20 19:54 | |
| EPA 6010 | Zinc | 7.9 | mg/kg | 3.9 | 10/16/20 19:54 | |
| ASTM D2974-87 | Percent Moisture | 4.9 | % | 0.10 | 10/14/20 08:20 | |
| 40216442013 | SB-14 (0'-4') | | | | | |
| EPA 6010 | Beryllium | 0.32J | mg/kg | 0.57 | 10/16/20 19:56 | |
| EPA 6010 | Cadmium | 0.30J | mg/kg | 0.71 | 10/16/20 19:56 | |
| EPA 6010 | Chromium | 7.8 | mg/kg | 1.4 | 10/16/20 19:56 | |
| EPA 6010 | Copper | 12.3 | mg/kg | 1.4 | 10/16/20 19:56 | |
| EPA 6010 | Lead | 20.2 | mg/kg | 2.8 | 10/16/20 19:56 | |
| EPA 6010 | Nickel | 4.6 | mg/kg | 1.4 | 10/16/20 19:56 | |
| EPA 6010 | Thallium | 1.1J | mg/kg | 5.7 | 10/16/20 19:56 | |
| EPA 6010 | Zinc | 60.9 | mg/kg | 5.7 | 10/16/20 19:56 | |
| EPA 7471 | Mercury | 0.034J | mg/kg | 0.046 | 10/15/20 13:44 | |
| EPA 8270 | Anthracene | 556J | ug/kg | 646 | 10/19/20 12:31 | |
| EPA 8270 | Benzo(a)anthracene | 2390 | ug/kg | 626 | 10/19/20 12:31 | |
| EPA 8270 | Benzo(a)pyrene | 2630 | ug/kg | 608 | 10/19/20 12:31 | |
| EPA 8270 | Benzo(b)fluoranthene | 3550 | ug/kg | 694 | 10/19/20 12:31 | |
| EPA 8270 | Benzo(g,h,i)perylene | 2310 | ug/kg | 1060 | 10/19/20 12:31 | |
| EPA 8270 | Benzo(k)fluoranthene | 1370 | ug/kg | 967 | 10/19/20 12:31 | |
| EPA 8270 | Chrysene | 2470 | ug/kg | 604 | 10/19/20 12:31 | |
| EPA 8270 | Dibenz(a,h)anthracene | 335J | ug/kg | 1100 | 10/19/20 12:31 | |
| EPA 8270 | Fluoranthene | 5420 | ug/kg | 572 | 10/19/20 12:31 | |
| EPA 8270 | Indeno(1,2,3-cd)pyrene | 2360 | ug/kg | 874 | 10/19/20 12:31 | |
| EPA 8270 | Phenanthrene | 1780 | ug/kg | 518 | 10/19/20 12:31 | |
| EPA 8270 | Pyrene | 4030 | ug/kg | 896 | 10/19/20 12:31 | |
| ASTM D2974-87 | Percent Moisture | 31.1 | % | 0.10 | 10/14/20 08:20 | |
| 40216442014 | SB-14 (4'-8') | | | | | |
| EPA 6010 | Antimony | 4.5 | mg/kg | 3.1 | 10/16/20 19:58 | |
| EPA 6010 | Arsenic | 3.2J | mg/kg | 3.8 | 10/16/20 19:58 | |
| EPA 6010 | Beryllium | 0.33J | mg/kg | 0.61 | 10/16/20 19:58 | |
| EPA 6010 | Cadmium | 1.1 | mg/kg | 0.76 | 10/16/20 19:58 | |
| EPA 6010 | Chromium | 12.5 | mg/kg | 1.5 | 10/16/20 19:58 | |
| EPA 6010 | Copper | 54.8 | mg/kg | 1.5 | 10/16/20 19:58 | |
| EPA 6010 | Lead | 209 | mg/kg | 3.1 | 10/16/20 19:58 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab Sample ID | Client Sample ID | Result | Units | Report Limit | Analyzed | Qualifiers |
|--------------------|------------------------|--------|-------|--------------|----------------|------------|
| Method | Parameters | | | | | |
| 40216442014 | SB-14 (4'-8') | | | | | |
| EPA 6010 | Nickel | 10.2 | mg/kg | 1.5 | 10/16/20 19:58 | |
| EPA 6010 | Zinc | 273 | mg/kg | 6.1 | 10/16/20 19:58 | |
| EPA 7471 | Mercury | 0.16 | mg/kg | 0.053 | 10/15/20 13:46 | |
| EPA 8270 | Anthracene | 1500J | ug/kg | 2820 | 10/19/20 12:52 | |
| EPA 8270 | Benzo(a)anthracene | 6550 | ug/kg | 2730 | 10/19/20 12:52 | |
| EPA 8270 | Benzo(a)pyrene | 9160 | ug/kg | 2650 | 10/19/20 12:52 | |
| EPA 8270 | Benzo(b)fluoranthene | 12100 | ug/kg | 3030 | 10/19/20 12:52 | |
| EPA 8270 | Benzo(g,h,i)perylene | 9320 | ug/kg | 4610 | 10/19/20 12:52 | |
| EPA 8270 | Benzo(k)fluoranthene | 4700 | ug/kg | 4220 | 10/19/20 12:52 | |
| EPA 8270 | Chrysene | 9540 | ug/kg | 2640 | 10/19/20 12:52 | |
| EPA 8270 | Fluoranthene | 21600 | ug/kg | 2500 | 10/19/20 12:52 | |
| EPA 8270 | Fluorene | 658J | ug/kg | 2060 | 10/19/20 12:52 | |
| EPA 8270 | Indeno(1,2,3-cd)pyrene | 9140 | ug/kg | 3820 | 10/19/20 12:52 | |
| EPA 8270 | Phenanthrene | 13300 | ug/kg | 2260 | 10/19/20 12:52 | |
| EPA 8270 | Pyrene | 16200 | ug/kg | 3910 | 10/19/20 12:52 | |
| ASTM D2974-87 | Percent Moisture | 36.9 | % | 0.10 | 10/14/20 08:20 | |
| 40216442015 | SB-15 (0'-4') | | | | | |
| EPA 6010 | Arsenic | 3.0J | mg/kg | 3.0 | 10/16/20 20:01 | |
| EPA 6010 | Beryllium | 0.65 | mg/kg | 0.48 | 10/16/20 20:01 | |
| EPA 6010 | Cadmium | 0.51J | mg/kg | 0.60 | 10/16/20 20:01 | |
| EPA 6010 | Chromium | 13.1 | mg/kg | 1.2 | 10/16/20 20:01 | |
| EPA 6010 | Copper | 27.8 | mg/kg | 1.2 | 10/16/20 20:01 | |
| EPA 6010 | Lead | 28.2 | mg/kg | 2.4 | 10/16/20 20:01 | |
| EPA 6010 | Nickel | 14.4 | mg/kg | 1.2 | 10/16/20 20:01 | |
| EPA 6010 | Thallium | 0.96J | mg/kg | 4.8 | 10/16/20 20:01 | |
| EPA 6010 | Zinc | 172 | mg/kg | 4.8 | 10/16/20 20:01 | |
| EPA 7471 | Mercury | 0.031J | mg/kg | 0.043 | 10/15/20 13:49 | |
| ASTM D2974-87 | Percent Moisture | 23.5 | % | 0.10 | 10/14/20 08:31 | |
| 40216442016 | SB-15 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.29J | mg/kg | 0.40 | 10/16/20 20:03 | |
| EPA 6010 | Chromium | 11.7 | mg/kg | 0.99 | 10/16/20 20:03 | |
| EPA 6010 | Copper | 13.4 | mg/kg | 0.99 | 10/16/20 20:03 | |
| EPA 6010 | Lead | 4.8 | mg/kg | 2.0 | 10/16/20 20:03 | |
| EPA 6010 | Nickel | 11.1 | mg/kg | 0.99 | 10/16/20 20:03 | |
| EPA 6010 | Zinc | 34.3 | mg/kg | 4.0 | 10/16/20 20:03 | |
| EPA 8260 | Naphthalene | 29.2J | ug/kg | 95.3 | 10/16/20 22:33 | |
| ASTM D2974-87 | Percent Moisture | 4.5 | % | 0.10 | 10/14/20 08:31 | |
| 40216442017 | SB-16 (0'-4') | | | | | |
| EPA 6010 | Beryllium | 0.53 | mg/kg | 0.44 | 10/16/20 20:06 | |
| EPA 6010 | Chromium | 7.7 | mg/kg | 1.1 | 10/16/20 20:06 | |
| EPA 6010 | Copper | 7.1 | mg/kg | 1.1 | 10/16/20 20:06 | |
| EPA 6010 | Lead | 13.1 | mg/kg | 2.2 | 10/16/20 20:06 | |
| EPA 6010 | Nickel | 6.8 | mg/kg | 1.1 | 10/16/20 20:06 | |
| EPA 6010 | Thallium | 1.2J | mg/kg | 4.4 | 10/16/20 20:06 | |
| EPA 6010 | Zinc | 39.0 | mg/kg | 4.4 | 10/16/20 20:06 | |
| ASTM D2974-87 | Percent Moisture | 9.7 | % | 0.10 | 10/14/20 08:31 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab Sample ID | Client Sample ID | Result | Units | Report Limit | Analyzed | Qualifiers |
|--------------------|------------------------|--------|-------|--------------|----------------|------------|
| Method | Parameters | | | | | |
| 40216442018 | SB-16 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.31J | mg/kg | 0.41 | 10/16/20 20:08 | |
| EPA 6010 | Chromium | 8.0 | mg/kg | 1.0 | 10/16/20 20:08 | |
| EPA 6010 | Copper | 13.1 | mg/kg | 1.0 | 10/16/20 20:08 | |
| EPA 6010 | Lead | 6.3 | mg/kg | 2.1 | 10/16/20 20:08 | |
| EPA 6010 | Nickel | 7.9 | mg/kg | 1.0 | 10/16/20 20:08 | |
| EPA 6010 | Zinc | 24.4 | mg/kg | 4.1 | 10/16/20 20:08 | |
| ASTM D2974-87 | Percent Moisture | 6.3 | % | 0.10 | 10/14/20 08:31 | |
| 40216442019 | SB-17 (0'-4') | | | | | |
| EPA 6010 | Antimony | 1.2J | mg/kg | 2.0 | 10/16/20 20:15 | |
| EPA 6010 | Beryllium | 0.13J | mg/kg | 0.40 | 10/16/20 20:15 | |
| EPA 6010 | Cadmium | 0.21J | mg/kg | 0.51 | 10/16/20 20:15 | |
| EPA 6010 | Chromium | 8.1 | mg/kg | 1.0 | 10/16/20 20:15 | |
| EPA 6010 | Copper | 16.8 | mg/kg | 1.0 | 10/16/20 20:15 | |
| EPA 6010 | Lead | 34.5 | mg/kg | 2.0 | 10/19/20 13:43 | |
| EPA 6010 | Nickel | 8.5 | mg/kg | 1.0 | 10/19/20 13:43 | |
| EPA 6010 | Zinc | 44.7 | mg/kg | 4.0 | 10/16/20 20:15 | |
| EPA 7471 | Mercury | 0.028J | mg/kg | 0.034 | 10/15/20 13:58 | |
| EPA 8270 | Fluoranthene | 40.5J | ug/kg | 82.6 | 10/16/20 16:49 | |
| EPA 8270 | Phenanthrene | 32.5J | ug/kg | 74.9 | 10/16/20 16:49 | |
| ASTM D2974-87 | Percent Moisture | 4.6 | % | 0.10 | 10/14/20 08:31 | |
| 40216442020 | SB-17 (8'-12') | | | | | |
| EPA 6010 | Antimony | 3.7 | mg/kg | 3.4 | 10/16/20 20:18 | |
| EPA 6010 | Cadmium | 0.25J | mg/kg | 0.85 | 10/16/20 20:18 | |
| EPA 6010 | Chromium | 3.2J | mg/kg | 3.4 | 10/19/20 13:46 | D3 |
| EPA 6010 | Copper | 54.6 | mg/kg | 1.7 | 10/16/20 20:18 | |
| EPA 6010 | Lead | 65.1 | mg/kg | 6.8 | 10/19/20 13:46 | |
| EPA 6010 | Nickel | 7.5 | mg/kg | 1.7 | 10/19/20 13:48 | |
| EPA 6010 | Zinc | 84.9 | mg/kg | 6.8 | 10/16/20 20:18 | |
| ASTM D2974-87 | Percent Moisture | 41.9 | % | 0.10 | 10/14/20 08:31 | |
| 40216442021 | SB-18 (0.5'-4') | | | | | |
| EPA 6010 | Beryllium | 0.37J | mg/kg | 0.46 | 10/16/20 17:56 | |
| EPA 6010 | Chromium | 9.7 | mg/kg | 1.2 | 10/16/20 17:56 | |
| EPA 6010 | Copper | 7.6 | mg/kg | 1.2 | 10/16/20 17:56 | |
| EPA 6010 | Lead | 20.2 | mg/kg | 2.3 | 10/16/20 17:56 | |
| EPA 6010 | Nickel | 4.7 | mg/kg | 1.2 | 10/16/20 17:56 | |
| EPA 6010 | Thallium | 1.1J | mg/kg | 4.6 | 10/16/20 17:56 | |
| EPA 6010 | Zinc | 49.1 | mg/kg | 4.6 | 10/16/20 17:56 | |
| EPA 7471 | Mercury | 0.018J | mg/kg | 0.039 | 10/15/20 14:02 | |
| EPA 8270 | Benzo(a)anthracene | 79.6J | ug/kg | 99.4 | 10/16/20 18:13 | |
| EPA 8270 | Benzo(a)pyrene | 91.8J | ug/kg | 96.5 | 10/16/20 18:13 | |
| EPA 8270 | Benzo(b)fluoranthene | 119 | ug/kg | 110 | 10/16/20 18:13 | |
| EPA 8270 | Benzo(g,h,i)perylene | 105J | ug/kg | 168 | 10/16/20 18:13 | |
| EPA 8270 | Benzo(k)fluoranthene | 47.9J | ug/kg | 154 | 10/16/20 18:13 | |
| EPA 8270 | Chrysene | 108 | ug/kg | 95.9 | 10/16/20 18:13 | |
| EPA 8270 | Fluoranthene | 198 | ug/kg | 90.8 | 10/16/20 18:13 | |
| EPA 8270 | Indeno(1,2,3-cd)pyrene | 70.9J | ug/kg | 139 | 10/16/20 18:13 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab Sample ID | Client Sample ID | Result | Units | Report Limit | Analyzed | Qualifiers |
|--------------------|------------------------|--------|-------|--------------|----------------|------------|
| Method | Parameters | | | | | |
| 40216442021 | SB-18 (0.5'-4') | | | | | |
| EPA 8270 | Phenanthrene | 111 | ug/kg | 82.3 | 10/16/20 18:13 | |
| EPA 8270 | Pyrene | 171 | ug/kg | 142 | 10/16/20 18:13 | |
| ASTM D2974-87 | Percent Moisture | 13.4 | % | 0.10 | 10/14/20 08:31 | |
| 40216442022 | SB-18 (10'-12') | | | | | |
| EPA 6010 | Beryllium | 0.15J | mg/kg | 0.41 | 10/16/20 18:05 | |
| EPA 6010 | Chromium | 4.3 | mg/kg | 1.0 | 10/16/20 18:05 | |
| EPA 6010 | Copper | 7.0 | mg/kg | 1.0 | 10/16/20 18:05 | |
| EPA 6010 | Lead | 0.71J | mg/kg | 2.0 | 10/16/20 18:05 | |
| EPA 6010 | Nickel | 4.5 | mg/kg | 1.0 | 10/16/20 18:05 | |
| EPA 6010 | Thallium | 0.90J | mg/kg | 4.1 | 10/16/20 18:05 | |
| EPA 6010 | Zinc | 7.3 | mg/kg | 4.1 | 10/16/20 18:05 | |
| ASTM D2974-87 | Percent Moisture | 5.4 | % | 0.10 | 10/14/20 08:31 | |
| 40216442023 | SB-19 (0.5'-4') | | | | | |
| EPA 6010 | Beryllium | 0.27J | mg/kg | 0.40 | 10/16/20 18:10 | |
| EPA 6010 | Chromium | 9.2 | mg/kg | 1.0 | 10/16/20 18:10 | |
| EPA 6010 | Copper | 10.3 | mg/kg | 1.0 | 10/16/20 18:10 | |
| EPA 6010 | Lead | 4.5 | mg/kg | 2.0 | 10/16/20 18:10 | |
| EPA 6010 | Nickel | 8.3 | mg/kg | 1.0 | 10/16/20 18:10 | |
| EPA 6010 | Zinc | 25.0 | mg/kg | 4.0 | 10/16/20 18:10 | |
| EPA 8270 | Benzo(g,h,i)perylene | 50.9J | ug/kg | 153 | 10/19/20 11:07 | |
| ASTM D2974-87 | Percent Moisture | 4.8 | % | 0.10 | 10/14/20 08:31 | |
| 40216442024 | SB-19 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.17J | mg/kg | 0.39 | 10/16/20 18:12 | |
| EPA 6010 | Chromium | 10.2 | mg/kg | 0.98 | 10/16/20 18:12 | |
| EPA 6010 | Copper | 8.9 | mg/kg | 0.98 | 10/16/20 18:12 | |
| EPA 6010 | Lead | 1.5J | mg/kg | 2.0 | 10/16/20 18:12 | |
| EPA 6010 | Nickel | 7.6 | mg/kg | 0.98 | 10/16/20 18:12 | |
| EPA 6010 | Zinc | 13.1 | mg/kg | 3.9 | 10/16/20 18:12 | |
| ASTM D2974-87 | Percent Moisture | 2.4 | % | 0.10 | 10/14/20 08:31 | |
| 40216442025 | SB-5 (0'-4') | | | | | |
| EPA 6010 | Beryllium | 0.33J | mg/kg | 0.44 | 10/16/20 18:19 | |
| EPA 6010 | Cadmium | 0.34J | mg/kg | 0.55 | 10/16/20 18:19 | |
| EPA 6010 | Chromium | 8.3 | mg/kg | 1.1 | 10/16/20 18:19 | |
| EPA 6010 | Copper | 41.1 | mg/kg | 1.1 | 10/16/20 18:19 | |
| EPA 6010 | Lead | 28.3 | mg/kg | 2.2 | 10/16/20 18:19 | |
| EPA 6010 | Nickel | 5.9 | mg/kg | 1.1 | 10/16/20 18:19 | |
| EPA 6010 | Zinc | 68.7 | mg/kg | 4.4 | 10/16/20 18:19 | |
| EPA 7471 | Mercury | 0.038J | mg/kg | 0.039 | 10/15/20 14:16 | |
| EPA 8270 | Anthracene | 387J | ug/kg | 395 | 10/19/20 15:59 | |
| EPA 8270 | Benzo(a)anthracene | 1080 | ug/kg | 383 | 10/19/20 15:59 | |
| EPA 8270 | Benzo(a)pyrene | 907 | ug/kg | 372 | 10/19/20 15:59 | B |
| EPA 8270 | Benzo(b)fluoranthene | 1430 | ug/kg | 425 | 10/19/20 15:59 | |
| EPA 8270 | Benzo(g,h,i)perylene | 791 | ug/kg | 647 | 10/19/20 15:59 | |
| EPA 8270 | Benzo(k)fluoranthene | 554J | ug/kg | 592 | 10/19/20 15:59 | |
| EPA 8270 | Chrysene | 1160 | ug/kg | 370 | 10/19/20 15:59 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab Sample ID | Client Sample ID | Result | Units | Report Limit | Analyzed | Qualifiers |
|--------------------|------------------------|--------|-------|--------------|----------------|------------|
| Method | Parameters | | | | | |
| 40216442025 | SB-5 (0'-4') | | | | | |
| EPA 8270 | Fluoranthene | 3530 | ug/kg | 350 | 10/19/20 15:59 | |
| EPA 8270 | Indeno(1,2,3-cd)pyrene | 862 | ug/kg | 535 | 10/19/20 15:59 | |
| EPA 8270 | Phenanthrene | 1590 | ug/kg | 317 | 10/19/20 15:59 | |
| EPA 8270 | Pyrene | 2290 | ug/kg | 548 | 10/19/20 15:59 | |
| ASTM D2974-87 | Percent Moisture | 9.9 | % | 0.10 | 10/14/20 08:31 | |
| 40216442026 | SB-5 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.37J | mg/kg | 0.62 | 10/16/20 18:22 | |
| EPA 6010 | Cadmium | 0.40J | mg/kg | 0.78 | 10/16/20 18:22 | |
| EPA 6010 | Chromium | 16.3 | mg/kg | 1.6 | 10/16/20 18:22 | |
| EPA 6010 | Copper | 26.6 | mg/kg | 1.6 | 10/16/20 18:22 | |
| EPA 6010 | Lead | 212 | mg/kg | 3.1 | 10/16/20 18:22 | |
| EPA 6010 | Nickel | 12.9 | mg/kg | 1.6 | 10/16/20 18:22 | |
| EPA 6010 | Zinc | 168 | mg/kg | 6.2 | 10/16/20 18:22 | |
| EPA 7471 | Mercury | 0.024J | mg/kg | 0.057 | 10/15/20 14:19 | |
| ASTM D2974-87 | Percent Moisture | 40.7 | % | 0.10 | 10/14/20 08:31 | |
| 40216442027 | SB-6 (0'-4') | | | | | |
| EPA 6010 | Arsenic | 1.9J | mg/kg | 2.7 | 10/16/20 18:24 | |
| EPA 6010 | Beryllium | 0.30J | mg/kg | 0.43 | 10/16/20 18:24 | |
| EPA 6010 | Cadmium | 0.54 | mg/kg | 0.53 | 10/16/20 18:24 | |
| EPA 6010 | Chromium | 16.9 | mg/kg | 1.1 | 10/16/20 18:24 | |
| EPA 6010 | Copper | 10.7 | mg/kg | 1.1 | 10/16/20 18:24 | |
| EPA 6010 | Lead | 25.5 | mg/kg | 2.1 | 10/16/20 18:24 | |
| EPA 6010 | Nickel | 5.0 | mg/kg | 1.1 | 10/16/20 18:24 | |
| EPA 6010 | Silver | 0.36J | mg/kg | 1.1 | 10/16/20 18:24 | |
| EPA 6010 | Thallium | 1.0J | mg/kg | 4.3 | 10/16/20 18:24 | |
| EPA 6010 | Zinc | 61.2 | mg/kg | 4.3 | 10/16/20 18:24 | |
| EPA 7471 | Mercury | 0.26 | mg/kg | 0.036 | 10/15/20 14:21 | |
| ASTM D2974-87 | Percent Moisture | 11.8 | % | 0.10 | 10/14/20 08:31 | |
| 40216442028 | SB-6 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.43J | mg/kg | 0.52 | 10/16/20 18:27 | |
| EPA 6010 | Chromium | 13.5 | mg/kg | 1.3 | 10/16/20 18:27 | |
| EPA 6010 | Copper | 5.8 | mg/kg | 1.3 | 10/16/20 18:27 | |
| EPA 6010 | Lead | 36.5 | mg/kg | 2.6 | 10/16/20 18:27 | |
| EPA 6010 | Nickel | 3.4 | mg/kg | 1.3 | 10/16/20 18:27 | |
| EPA 6010 | Thallium | 1.6J | mg/kg | 5.2 | 10/16/20 18:27 | |
| EPA 6010 | Zinc | 60.4 | mg/kg | 5.2 | 10/16/20 18:27 | |
| ASTM D2974-87 | Percent Moisture | 28.3 | % | 0.10 | 10/14/20 08:31 | |
| 40216442029 | SB-9 (0'-4') | | | | | |
| EPA 6010 | Antimony | 1.4J | mg/kg | 2.5 | 10/16/20 18:29 | |
| EPA 6010 | Beryllium | 0.51 | mg/kg | 0.51 | 10/16/20 18:29 | |
| EPA 6010 | Cadmium | 1.0 | mg/kg | 0.64 | 10/16/20 18:29 | |
| EPA 6010 | Chromium | 14.4 | mg/kg | 1.3 | 10/16/20 18:29 | |
| EPA 6010 | Copper | 61.3 | mg/kg | 1.3 | 10/16/20 18:29 | |
| EPA 6010 | Lead | 70.3 | mg/kg | 2.5 | 10/16/20 18:29 | |
| EPA 6010 | Nickel | 13.9 | mg/kg | 1.3 | 10/16/20 18:29 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab Sample ID | Client Sample ID | Result | Units | Report Limit | Analyzed | Qualifiers |
|--------------------|------------------------|--------|-------|--------------|----------------|------------|
| Method | Parameters | | | | | |
| 40216442029 | SB-9 (0'-4') | | | | | |
| EPA 6010 | Selenium | 2.5J | mg/kg | 5.1 | 10/16/20 18:29 | |
| EPA 6010 | Thallium | 1.2J | mg/kg | 5.1 | 10/16/20 18:29 | |
| EPA 6010 | Zinc | 200 | mg/kg | 5.1 | 10/16/20 18:29 | |
| EPA 7471 | Mercury | 0.070 | mg/kg | 0.042 | 10/15/20 14:26 | |
| EPA 8270 | Benzo(a)anthracene | 353J | ug/kg | 1150 | 10/19/20 13:54 | |
| EPA 8270 | Benzo(a)pyrene | 484J | ug/kg | 1110 | 10/19/20 13:54 | |
| EPA 8270 | Benzo(b)fluoranthene | 585J | ug/kg | 1270 | 10/19/20 13:54 | |
| EPA 8270 | Benzo(g,h,i)perylene | 626J | ug/kg | 1930 | 10/19/20 13:54 | |
| EPA 8270 | Chrysene | 451J | ug/kg | 1110 | 10/19/20 13:54 | |
| EPA 8270 | Fluoranthene | 820J | ug/kg | 1050 | 10/19/20 13:54 | |
| EPA 8270 | Indeno(1,2,3-cd)pyrene | 644J | ug/kg | 1600 | 10/19/20 13:54 | |
| EPA 8270 | Phenanthrene | 442J | ug/kg | 949 | 10/19/20 13:54 | |
| EPA 8270 | Pyrene | 639J | ug/kg | 1640 | 10/19/20 13:54 | |
| ASTM D2974-87 | Percent Moisture | 24.9 | % | 0.10 | 10/14/20 08:32 | |
| 40216442030 | SB-9 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.22J | mg/kg | 0.42 | 10/16/20 18:32 | |
| EPA 6010 | Chromium | 6.6 | mg/kg | 1.0 | 10/16/20 18:32 | |
| EPA 6010 | Copper | 8.4 | mg/kg | 1.0 | 10/16/20 18:32 | |
| EPA 6010 | Lead | 5.4 | mg/kg | 2.1 | 10/16/20 18:32 | |
| EPA 6010 | Nickel | 6.9 | mg/kg | 1.0 | 10/16/20 18:32 | |
| EPA 6010 | Zinc | 20.2 | mg/kg | 4.2 | 10/16/20 18:32 | |
| ASTM D2974-87 | Percent Moisture | 7.2 | % | 0.10 | 10/14/20 08:32 | |
| 40216442031 | SB-10 (0'-4') | | | | | |
| EPA 6010 | Beryllium | 0.24J | mg/kg | 0.41 | 10/16/20 18:34 | |
| EPA 6010 | Cadmium | 0.78 | mg/kg | 0.51 | 10/16/20 18:34 | |
| EPA 6010 | Chromium | 6.7 | mg/kg | 1.0 | 10/16/20 18:34 | |
| EPA 6010 | Copper | 11.5 | mg/kg | 1.0 | 10/16/20 18:34 | |
| EPA 6010 | Lead | 12.9 | mg/kg | 2.0 | 10/16/20 18:34 | |
| EPA 6010 | Nickel | 6.0 | mg/kg | 1.0 | 10/16/20 18:34 | |
| EPA 6010 | Zinc | 223 | mg/kg | 4.1 | 10/16/20 18:34 | |
| EPA 8270 | Benzo(a)anthracene | 691J | ug/kg | 901 | 10/19/20 14:15 | |
| EPA 8270 | Benzo(a)pyrene | 755J | ug/kg | 876 | 10/19/20 14:15 | B |
| EPA 8270 | Benzo(b)fluoranthene | 1080 | ug/kg | 1000 | 10/19/20 14:15 | |
| EPA 8270 | Benzo(g,h,i)perylene | 653J | ug/kg | 1520 | 10/19/20 14:15 | |
| EPA 8270 | Benzo(k)fluoranthene | 470J | ug/kg | 1390 | 10/19/20 14:15 | |
| EPA 8270 | Chrysene | 949 | ug/kg | 870 | 10/19/20 14:15 | |
| EPA 8270 | Fluoranthene | 3110 | ug/kg | 824 | 10/19/20 14:15 | |
| EPA 8270 | Fluorene | 328J | ug/kg | 680 | 10/19/20 14:15 | |
| EPA 8270 | Indeno(1,2,3-cd)pyrene | 722J | ug/kg | 1260 | 10/19/20 14:15 | |
| EPA 8270 | Naphthalene | 655J | ug/kg | 2040 | 10/19/20 14:15 | |
| EPA 8270 | Phenanthrene | 2990 | ug/kg | 747 | 10/19/20 14:15 | |
| EPA 8270 | Pyrene | 2000 | ug/kg | 1290 | 10/19/20 14:15 | |
| ASTM D2974-87 | Percent Moisture | 4.4 | % | 0.10 | 10/14/20 08:32 | |
| 40216442032 | SB-10 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.16J | mg/kg | 0.40 | 10/16/20 18:36 | |
| EPA 6010 | Chromium | 7.3 | mg/kg | 1.0 | 10/16/20 18:36 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
|-------------------------|--------------------------------|--------|-------|--------------|----------------|------------|
| 40216442032 | SB-10 (8'-12') | | | | | |
| EPA 6010 | Copper | 9.3 | mg/kg | 1.0 | 10/16/20 18:36 | |
| EPA 6010 | Lead | 1.4J | mg/kg | 2.0 | 10/16/20 18:36 | |
| EPA 6010 | Nickel | 6.7 | mg/kg | 1.0 | 10/16/20 18:36 | |
| EPA 6010 | Thallium | 0.84J | mg/kg | 4.0 | 10/16/20 18:36 | |
| EPA 6010 | Zinc | 39.5 | mg/kg | 4.0 | 10/16/20 18:36 | |
| ASTM D2974-87 | Percent Moisture | 2.5 | % | 0.10 | 10/14/20 08:32 | |
| 40216442033 | SB-11 (0'-4') | | | | | |
| EPA 6010 | Beryllium | 0.35J | mg/kg | 0.42 | 10/16/20 18:39 | |
| EPA 6010 | Chromium | 3.8 | mg/kg | 1.1 | 10/16/20 18:39 | |
| EPA 6010 | Copper | 4.2 | mg/kg | 1.1 | 10/16/20 18:39 | |
| EPA 6010 | Lead | 7.3 | mg/kg | 2.1 | 10/16/20 18:39 | |
| EPA 6010 | Nickel | 2.9 | mg/kg | 1.1 | 10/16/20 18:39 | |
| EPA 6010 | Zinc | 35.7 | mg/kg | 4.2 | 10/16/20 18:39 | |
| ASTM D2974-87 | Percent Moisture | 7.7 | % | 0.10 | 10/14/20 08:32 | |
| 40216442034 | SB-11 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.24J | mg/kg | 0.40 | 10/16/20 18:41 | |
| EPA 6010 | Chromium | 8.5 | mg/kg | 1.0 | 10/16/20 18:41 | |
| EPA 6010 | Copper | 10.9 | mg/kg | 1.0 | 10/16/20 18:41 | |
| EPA 6010 | Lead | 2.3 | mg/kg | 2.0 | 10/16/20 18:41 | |
| EPA 6010 | Nickel | 9.0 | mg/kg | 1.0 | 10/16/20 18:41 | |
| EPA 6010 | Zinc | 14.7 | mg/kg | 4.0 | 10/16/20 18:41 | |
| ASTM D2974-87 | Percent Moisture | 3.5 | % | 0.10 | 10/14/20 08:32 | |
| 40216442035 | SB-12 (0'-4') | | | | | |
| EPA 6010 | Beryllium | 0.67 | mg/kg | 0.43 | 10/16/20 18:48 | |
| EPA 6010 | Chromium | 8.4 | mg/kg | 1.1 | 10/16/20 18:48 | |
| EPA 6010 | Copper | 5.3 | mg/kg | 1.1 | 10/16/20 18:48 | |
| EPA 6010 | Lead | 9.6 | mg/kg | 2.2 | 10/16/20 18:48 | |
| EPA 6010 | Nickel | 5.5 | mg/kg | 1.1 | 10/16/20 18:48 | |
| EPA 6010 | Thallium | 1.5J | mg/kg | 4.3 | 10/16/20 18:48 | |
| EPA 6010 | Zinc | 50.2 | mg/kg | 4.3 | 10/16/20 18:48 | |
| ASTM D2974-87 | Percent Moisture | 8.3 | % | 0.10 | 10/14/20 08:43 | |
| 40216442036 | SB-12 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.18J | mg/kg | 0.39 | 10/16/20 18:51 | |
| EPA 6010 | Chromium | 7.2 | mg/kg | 0.97 | 10/16/20 18:51 | |
| EPA 6010 | Copper | 7.1 | mg/kg | 0.97 | 10/16/20 18:51 | |
| EPA 6010 | Lead | 1.3J | mg/kg | 1.9 | 10/16/20 18:51 | |
| EPA 6010 | Nickel | 6.7 | mg/kg | 0.97 | 10/16/20 18:51 | |
| EPA 6010 | Thallium | 0.97J | mg/kg | 3.9 | 10/16/20 18:51 | |
| EPA 6010 | Zinc | 9.4 | mg/kg | 3.9 | 10/16/20 18:51 | |
| ASTM D2974-87 | Percent Moisture | 2.6 | % | 0.10 | 10/14/20 08:43 | |
| 40216442037 | SB-13 (0.5'-4') | | | | | |
| EPA 6010 | Beryllium | 0.42J | mg/kg | 0.44 | 10/16/20 18:53 | |
| EPA 6010 | Chromium | 7.8 | mg/kg | 1.1 | 10/16/20 18:53 | |
| EPA 6010 | Copper | 35.9 | mg/kg | 1.1 | 10/16/20 18:53 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
|-------------------------|--------------------------------|--------|-------|--------------|----------------|------------|
| 40216442037 | SB-13 (0.5'-4') | | | | | |
| EPA 6010 | Lead | 30.4 | mg/kg | 2.2 | 10/16/20 18:53 | |
| EPA 6010 | Nickel | 14.9 | mg/kg | 1.1 | 10/16/20 18:53 | |
| EPA 6010 | Zinc | 52.7 | mg/kg | 4.4 | 10/16/20 18:53 | |
| EPA 7471 | Mercury | 0.012J | mg/kg | 0.036 | 10/20/20 10:19 | |
| EPA 8270 | Fluoranthene | 277J | ug/kg | 859 | 10/19/20 14:36 | |
| ASTM D2974-87 | Percent Moisture | 8.5 | % | 0.10 | 10/14/20 08:43 | |
| 40216442038 | SB-13 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.18J | mg/kg | 0.38 | 10/16/20 18:56 | |
| EPA 6010 | Chromium | 6.7 | mg/kg | 0.96 | 10/16/20 18:56 | |
| EPA 6010 | Copper | 8.9 | mg/kg | 0.96 | 10/16/20 18:56 | |
| EPA 6010 | Lead | 2.0 | mg/kg | 1.9 | 10/16/20 18:56 | |
| EPA 6010 | Nickel | 6.4 | mg/kg | 0.96 | 10/16/20 18:56 | |
| EPA 6010 | Zinc | 12.1 | mg/kg | 3.8 | 10/16/20 18:56 | |
| ASTM D2974-87 | Percent Moisture | 4.5 | % | 0.10 | 10/14/20 08:44 | |
| 40216442039 | SBGW-1 (3'-7') | | | | | |
| EPA 6010 | Beryllium | 0.38J | mg/kg | 0.39 | 10/16/20 18:58 | |
| EPA 6010 | Chromium | 6.1 | mg/kg | 0.99 | 10/16/20 18:58 | |
| EPA 6010 | Copper | 2.2 | mg/kg | 0.99 | 10/16/20 18:58 | |
| EPA 6010 | Lead | 12.4 | mg/kg | 2.0 | 10/16/20 18:58 | |
| EPA 6010 | Nickel | 1.9 | mg/kg | 0.99 | 10/16/20 18:58 | |
| EPA 6010 | Thallium | 1.4J | mg/kg | 3.9 | 10/16/20 18:58 | |
| EPA 6010 | Zinc | 39.8 | mg/kg | 3.9 | 10/16/20 18:58 | |
| ASTM D2974-87 | Percent Moisture | 4.2 | % | 0.10 | 10/14/20 08:44 | |
| 40216442040 | SBGW-1 (11'-15') | | | | | |
| EPA 6010 | Beryllium | 0.39J | mg/kg | 0.48 | 10/16/20 19:00 | |
| EPA 6010 | Cadmium | 0.46J | mg/kg | 0.60 | 10/16/20 19:00 | |
| EPA 6010 | Chromium | 15.0 | mg/kg | 1.2 | 10/16/20 19:00 | |
| EPA 6010 | Copper | 15.1 | mg/kg | 1.2 | 10/16/20 19:00 | |
| EPA 6010 | Lead | 20.7 | mg/kg | 2.4 | 10/16/20 19:00 | |
| EPA 6010 | Nickel | 10.8 | mg/kg | 1.2 | 10/16/20 19:00 | |
| EPA 6010 | Zinc | 76.6 | mg/kg | 4.8 | 10/16/20 19:00 | |
| EPA 7471 | Mercury | 0.050 | mg/kg | 0.039 | 10/20/20 10:26 | |
| ASTM D2974-87 | Percent Moisture | 20.7 | % | 0.10 | 10/14/20 08:44 | |
| 40216442041 | SBGW-2 (0.5'-4') | | | | | |
| EPA 6010 | Beryllium | 0.46J | mg/kg | 0.47 | 10/19/20 14:11 | |
| EPA 6010 | Chromium | 13.7 | mg/kg | 1.2 | 10/19/20 14:11 | |
| EPA 6010 | Copper | 12.4 | mg/kg | 1.2 | 10/19/20 14:11 | |
| EPA 6010 | Lead | 9.0 | mg/kg | 2.4 | 10/19/20 14:11 | |
| EPA 6010 | Nickel | 14.4 | mg/kg | 1.2 | 10/19/20 14:11 | |
| EPA 6010 | Zinc | 34.5 | mg/kg | 4.7 | 10/19/20 14:11 | |
| EPA 8270 | Fluoranthene | 123J | ug/kg | 373 | 10/19/20 17:44 | |
| ASTM D2974-87 | Percent Moisture | 15.6 | % | 0.10 | 10/14/20 08:44 | |
| 40216442042 | SBGW-2 (12'-16') | | | | | |
| EPA 6010 | Beryllium | 0.25J | mg/kg | 0.42 | 10/19/20 13:56 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
|-------------------------|--------------------------------|--------|-------|--------------|----------------|------------|
| 40216442042 | SBGW-2 (12'-16') | | | | | |
| EPA 6010 | Chromium | 15.4 | mg/kg | 1.0 | 10/19/20 13:56 | |
| EPA 6010 | Copper | 21.2 | mg/kg | 1.0 | 10/19/20 13:56 | |
| EPA 6010 | Lead | 2.7 | mg/kg | 2.1 | 10/19/20 13:56 | |
| EPA 6010 | Nickel | 10.7 | mg/kg | 1.0 | 10/19/20 13:56 | |
| EPA 6010 | Zinc | 13.5 | mg/kg | 4.2 | 10/19/20 13:56 | |
| ASTM D2974-87 | Percent Moisture | 4.0 | % | 0.10 | 10/14/20 08:44 | |
| 40216442043 | SBGW-3 (0'-4') | | | | | |
| EPA 6010 | Beryllium | 0.86J | mg/kg | 2.4 | 10/19/20 14:15 | D3 |
| EPA 6010 | Chromium | 8.8 | mg/kg | 5.9 | 10/19/20 14:15 | |
| EPA 6010 | Copper | 6.4 | mg/kg | 5.9 | 10/19/20 14:15 | |
| EPA 6010 | Lead | 15.1 | mg/kg | 11.8 | 10/19/20 14:15 | |
| EPA 6010 | Nickel | 5.6J | mg/kg | 5.9 | 10/19/20 14:15 | D3 |
| EPA 6010 | Zinc | 78.5 | mg/kg | 23.6 | 10/19/20 14:15 | |
| ASTM D2974-87 | Percent Moisture | 17.4 | % | 0.10 | 10/14/20 08:44 | |
| 40216442044 | SBGW-3 (8'-12') | | | | | |
| EPA 6010 | Beryllium | 0.33J | mg/kg | 0.42 | 10/19/20 14:18 | |
| EPA 6010 | Chromium | 19.3 | mg/kg | 1.0 | 10/19/20 14:18 | |
| EPA 6010 | Copper | 23.0 | mg/kg | 1.0 | 10/19/20 14:18 | |
| EPA 6010 | Lead | 3.2 | mg/kg | 2.1 | 10/19/20 14:18 | |
| EPA 6010 | Nickel | 24.2 | mg/kg | 1.0 | 10/19/20 14:18 | |
| EPA 6010 | Zinc | 24.0 | mg/kg | 4.2 | 10/19/20 14:18 | |
| ASTM D2974-87 | Percent Moisture | 6.9 | % | 0.10 | 10/14/20 08:44 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-1 (4'-8') **Lab ID: 40216442001** Collected: 10/12/20 13:25 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <1.3 | mg/kg | 3.3 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 19:08 | 7440-36-0 | |
| Arsenic | 7.0 | mg/kg | 4.1 | 2.4 | 1 | 10/16/20 07:47 | 10/16/20 19:08 | 7440-38-2 | |
| Beryllium | 0.49J | mg/kg | 0.66 | 0.20 | 1 | 10/16/20 07:47 | 10/16/20 19:08 | 7440-41-7 | |
| Cadmium | 0.27J | mg/kg | 0.83 | 0.22 | 1 | 10/16/20 07:47 | 10/16/20 19:08 | 7440-43-9 | |
| Chromium | 55.4 | mg/kg | 1.7 | 0.46 | 1 | 10/16/20 07:47 | 10/16/20 19:08 | 7440-47-3 | M0 |
| Copper | 31.3 | mg/kg | 1.7 | 0.46 | 1 | 10/16/20 07:47 | 10/16/20 19:08 | 7440-50-8 | M0 |
| Lead | 32.5 | mg/kg | 3.3 | 0.99 | 1 | 10/16/20 07:47 | 10/16/20 19:08 | 7439-92-1 | |
| Nickel | 15.1 | mg/kg | 1.7 | 0.44 | 1 | 10/16/20 07:47 | 10/16/20 19:08 | 7440-02-0 | |
| Selenium | <2.2 | mg/kg | 6.6 | 2.2 | 1 | 10/16/20 07:47 | 10/16/20 19:08 | 7782-49-2 | |
| Silver | <0.51 | mg/kg | 1.7 | 0.51 | 1 | 10/16/20 07:47 | 10/16/20 19:08 | 7440-22-4 | |
| Thallium | 1.7J | mg/kg | 6.6 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 19:08 | 7440-28-0 | |
| Zinc | 87.1 | mg/kg | 6.6 | 2.0 | 1 | 10/16/20 07:47 | 10/16/20 19:08 | 7440-66-6 | M0 |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.017 | mg/kg | 0.058 | 0.017 | 1 | 10/15/20 09:05 | 10/15/20 12:58 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <492 | ug/kg | 1640 | 492 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 83-32-9 | |
| Acenaphthylene | <495 | ug/kg | 1650 | 495 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 208-96-8 | |
| Anthracene | <222 | ug/kg | 739 | 222 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 120-12-7 | |
| Benzo(a)anthracene | <215 | ug/kg | 716 | 215 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 56-55-3 | |
| Benzo(a)pyrene | <209 | ug/kg | 696 | 209 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 50-32-8 | |
| Benzo(b)fluoranthene | <238 | ug/kg | 795 | 238 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 205-99-2 | |
| Benzo(g,h,i)perylene | <363 | ug/kg | 1210 | 363 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 191-24-2 | |
| Benzo(k)fluoranthene | <332 | ug/kg | 1110 | 332 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 207-08-9 | |
| Chrysene | 213J | ug/kg | 692 | 208 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 218-01-9 | |
| Dibenz(a,h)anthracene | <377 | ug/kg | 1260 | 377 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 53-70-3 | |
| Fluoranthene | 257J | ug/kg | 655 | 196 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 206-44-0 | |
| Fluorene | <162 | ug/kg | 541 | 162 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <300 | ug/kg | 1000 | 300 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 193-39-5 | |
| 1-Methylnaphthalene | <395 | ug/kg | 1320 | 395 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <360 | ug/kg | 1200 | 360 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 91-57-6 | |
| Naphthalene | <485 | ug/kg | 1620 | 485 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 91-20-3 | |
| Pentachlorophenol | <306 | ug/kg | 1020 | 306 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 87-86-5 | |
| Phenanthrene | <178 | ug/kg | 594 | 178 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 85-01-8 | |
| Pyrene | <308 | ug/kg | 1030 | 308 | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 61 | % | 17-110 | | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 71 | % | 45-103 | | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 321-60-8 | |
| Terphenyl-d14 (S) | 77 | % | 46-100 | | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 76 | % | 10-153 | | 5 | 10/15/20 12:36 | 10/19/20 11:49 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-1 (4'-8')** Lab ID: **40216442001** Collected: 10/12/20 13:25 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-1 (4'-8')** Lab ID: **40216442001** Collected: 10/12/20 13:25 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 92 | % | 58-145 | | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 1868-53-7 | |
| Toluene-d8 (S) | 95 | % | 56-140 | | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 86 | % | 52-137 | | 1 | 10/15/20 08:30 | 10/15/20 20:22 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 39.8 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:19 | | |
| Total Solids 2540 G-2011 | | | | | | | | | |
| Analytical Method: SM 2540G Preparation Method: SM 2540 G | | | | | | | | | |
| Pace National - Mt. Juliet | | | | | | | | | |
| Total Solids | 72.1 | % | | | 1 | 11/02/20 14:30 | 11/02/20 14:37 | | |
| Wet Chemistry 3060A/7196A | | | | | | | | | |
| Analytical Method: EPA 7196A Preparation Method: 3060A | | | | | | | | | |
| Pace National - Mt. Juliet | | | | | | | | | |
| Chromium, Hexavalent | <0.888 | mg/kg | 2.95 | 0.888 | 1 | 11/03/20 16:04 | 11/04/20 13:15 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-1 (8'-12') **Lab ID: 40216442002** Collected: 10/12/20 13:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.91 | mg/kg | 2.3 | 0.91 | 1 | 10/16/20 07:47 | 10/16/20 19:22 | 7440-36-0 | |
| Arsenic | <1.7 | mg/kg | 2.9 | 1.7 | 1 | 10/16/20 07:47 | 10/16/20 19:22 | 7440-38-2 | |
| Beryllium | 0.24J | mg/kg | 0.46 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 19:22 | 7440-41-7 | |
| Cadmium | <0.15 | mg/kg | 0.57 | 0.15 | 1 | 10/16/20 07:47 | 10/16/20 19:22 | 7440-43-9 | |
| Chromium | 12.4 | mg/kg | 1.1 | 0.32 | 1 | 10/16/20 07:47 | 10/16/20 19:22 | 7440-47-3 | |
| Copper | 11.0 | mg/kg | 1.1 | 0.32 | 1 | 10/16/20 07:47 | 10/16/20 19:22 | 7440-50-8 | |
| Lead | 2.1J | mg/kg | 2.3 | 0.68 | 1 | 10/16/20 07:47 | 10/16/20 19:22 | 7439-92-1 | |
| Nickel | 9.0 | mg/kg | 1.1 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 19:22 | 7440-02-0 | |
| Selenium | <1.5 | mg/kg | 4.6 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 19:22 | 7782-49-2 | |
| Silver | <0.35 | mg/kg | 1.1 | 0.35 | 1 | 10/16/20 07:47 | 10/16/20 19:22 | 7440-22-4 | |
| Thallium | <0.88 | mg/kg | 4.6 | 0.88 | 1 | 10/16/20 07:47 | 10/16/20 19:22 | 7440-28-0 | |
| Zinc | 16.6 | mg/kg | 4.6 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 19:22 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.011 | mg/kg | 0.040 | 0.011 | 1 | 10/15/20 09:05 | 10/15/20 13:00 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <68.8 | ug/kg | 229 | 68.8 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 83-32-9 | |
| Acenaphthylene | <69.2 | ug/kg | 231 | 69.2 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 208-96-8 | |
| Anthracene | <31.0 | ug/kg | 103 | 31.0 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 120-12-7 | |
| Benzo(a)anthracene | 47.7J | ug/kg | 100 | 30.0 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 56-55-3 | |
| Benzo(a)pyrene | 85.2J | ug/kg | 97.2 | 29.2 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 50-32-8 | |
| Benzo(b)fluoranthene | 85.2J | ug/kg | 111 | 33.3 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 205-99-2 | |
| Benzo(g,h,i)perylene | 89.8J | ug/kg | 169 | 50.7 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 191-24-2 | |
| Benzo(k)fluoranthene | 71.9J | ug/kg | 155 | 46.4 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 207-08-9 | |
| Chrysene | 58.2J | ug/kg | 96.6 | 29.0 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 218-01-9 | |
| Dibenz(a,h)anthracene | <52.7 | ug/kg | 176 | 52.7 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 53-70-3 | |
| Fluoranthene | 63.8J | ug/kg | 91.4 | 27.4 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 206-44-0 | |
| Fluorene | <22.7 | ug/kg | 75.5 | 22.7 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | 76.4J | ug/kg | 140 | 41.9 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 193-39-5 | |
| 1-Methylnaphthalene | <55.2 | ug/kg | 184 | 55.2 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 90-12-0 | |
| 2-Methylnaphthalene | <50.3 | ug/kg | 168 | 50.3 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 91-57-6 | |
| Naphthalene | <67.8 | ug/kg | 226 | 67.8 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 91-20-3 | |
| Pentachlorophenol | <42.7 | ug/kg | 142 | 42.7 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 87-86-5 | |
| Phenanthrene | 30.0J | ug/kg | 82.9 | 24.9 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 85-01-8 | |
| Pyrene | 60.7J | ug/kg | 143 | 43.0 | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 69 | % | 17-110 | | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 83 | % | 45-103 | | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 321-60-8 | |
| Terphenyl-d14 (S) | 91 | % | 46-100 | | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 80 | % | 10-153 | | 1 | 10/15/20 12:36 | 10/20/20 12:25 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-1 (8'-12') Lab ID: 40216442002 Collected: 10/12/20 13:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 74-83-9 | M1,W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-1 (8'-12') **Lab ID: 40216442002** Collected: 10/12/20 13:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 97 | % | 58-145 | | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 1868-53-7 | |
| Toluene-d8 (S) | 99 | % | 56-140 | | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 92 | % | 52-137 | | 1 | 10/15/20 08:30 | 10/15/20 15:09 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 13.7 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:19 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-2 (0'-4') **Lab ID: 40216442003** Collected: 10/12/20 15:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.87 | mg/kg | 2.2 | 0.87 | 1 | 10/16/20 07:47 | 10/16/20 19:27 | 7440-36-0 | |
| Arsenic | 2.1J | mg/kg | 2.7 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 19:27 | 7440-38-2 | |
| Beryllium | 0.25J | mg/kg | 0.44 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 19:27 | 7440-41-7 | |
| Cadmium | 0.33J | mg/kg | 0.55 | 0.15 | 1 | 10/16/20 07:47 | 10/16/20 19:27 | 7440-43-9 | |
| Chromium | 40.9 | mg/kg | 1.1 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 19:27 | 7440-47-3 | |
| Copper | 9.4 | mg/kg | 1.1 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 19:27 | 7440-50-8 | |
| Lead | 15.9 | mg/kg | 2.2 | 0.66 | 1 | 10/16/20 07:47 | 10/16/20 19:27 | 7439-92-1 | |
| Nickel | 8.3 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 19:27 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.4 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 19:27 | 7782-49-2 | |
| Silver | <0.34 | mg/kg | 1.1 | 0.34 | 1 | 10/16/20 07:47 | 10/16/20 19:27 | 7440-22-4 | |
| Thallium | 1.1J | mg/kg | 4.4 | 0.85 | 1 | 10/16/20 07:47 | 10/16/20 19:27 | 7440-28-0 | |
| Zinc | 63.7 | mg/kg | 4.4 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 19:27 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.089 | mg/kg | 0.036 | 0.010 | 1 | 10/15/20 09:05 | 10/15/20 13:02 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <67.3 | ug/kg | 224 | 67.3 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 83-32-9 | |
| Acenaphthylene | <67.7 | ug/kg | 226 | 67.7 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 208-96-8 | |
| Anthracene | <30.4 | ug/kg | 101 | 30.4 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 120-12-7 | |
| Benzo(a)anthracene | 74.4J | ug/kg | 98.0 | 29.4 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 56-55-3 | |
| Benzo(a)pyrene | 118 | ug/kg | 95.3 | 28.6 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 50-32-8 | |
| Benzo(b)fluoranthene | 122 | ug/kg | 109 | 32.6 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 205-99-2 | |
| Benzo(g,h,i)perylene | 89.3J | ug/kg | 166 | 49.7 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 191-24-2 | |
| Benzo(k)fluoranthene | 111J | ug/kg | 152 | 45.5 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 207-08-9 | |
| Chrysene | 92.7J | ug/kg | 94.7 | 28.4 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 218-01-9 | |
| Dibenz(a,h)anthracene | <51.6 | ug/kg | 172 | 51.6 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 53-70-3 | |
| 1,4-Dioxane (p-Dioxane) | <103 | ug/kg | 343 | 103 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 123-91-1 | |
| Fluoranthene | 145 | ug/kg | 89.6 | 26.9 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 206-44-0 | |
| Fluorene | <22.2 | ug/kg | 74.0 | 22.2 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | 53.1J | ug/kg | 137 | 41.1 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 193-39-5 | |
| 1-Methylnaphthalene | <54.1 | ug/kg | 180 | 54.1 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 90-12-0 | |
| 2-Methylnaphthalene | <49.3 | ug/kg | 164 | 49.3 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 91-57-6 | |
| Naphthalene | <66.4 | ug/kg | 221 | 66.4 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 91-20-3 | |
| Pentachlorophenol | <41.8 | ug/kg | 139 | 41.8 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 87-86-5 | |
| Phenanthrene | 41.8J | ug/kg | 81.2 | 24.4 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 85-01-8 | |
| Pyrene | 144 | ug/kg | 140 | 42.1 | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 48 | % | 17-110 | | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 61 | % | 45-103 | | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 321-60-8 | |
| Terphenyl-d14 (S) | 64 | % | 46-100 | | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 51 | % | 10-153 | | 1 | 10/15/20 12:36 | 10/19/20 09:01 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-2 (0'-4') **Lab ID: 40216442003** Collected: 10/12/20 15:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-2 (0'-4') **Lab ID: 40216442003** Collected: 10/12/20 15:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 126 | % | 58-145 | | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 1868-53-7 | |
| Toluene-d8 (S) | 122 | % | 56-140 | | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 112 | % | 52-137 | | 1 | 10/15/20 09:15 | 10/16/20 03:08 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 12.2 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:19 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-2 (4'-8') **Lab ID: 40216442004** Collected: 10/12/20 15:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.84 | mg/kg | 2.1 | 0.84 | 1 | 10/16/20 07:47 | 10/16/20 19:29 | 7440-36-0 | |
| Arsenic | <1.6 | mg/kg | 2.6 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 19:29 | 7440-38-2 | |
| Beryllium | 0.41J | mg/kg | 0.42 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 19:29 | 7440-41-7 | |
| Cadmium | <0.14 | mg/kg | 0.53 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 19:29 | 7440-43-9 | |
| Chromium | 5.6 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 19:29 | 7440-47-3 | |
| Copper | 4.9 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 19:29 | 7440-50-8 | |
| Lead | 11.7 | mg/kg | 2.1 | 0.63 | 1 | 10/16/20 07:47 | 10/16/20 19:29 | 7439-92-1 | |
| Nickel | 1.6 | mg/kg | 1.1 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 19:29 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.2 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 19:29 | 7782-49-2 | |
| Silver | <0.33 | mg/kg | 1.1 | 0.33 | 1 | 10/16/20 07:47 | 10/16/20 19:29 | 7440-22-4 | |
| Thallium | 0.87J | mg/kg | 4.2 | 0.82 | 1 | 10/16/20 07:47 | 10/16/20 19:29 | 7440-28-0 | |
| Zinc | 32.6 | mg/kg | 4.2 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 19:29 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.010 | mg/kg | 0.036 | 0.010 | 1 | 10/15/20 09:05 | 10/15/20 13:05 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <67.2 | ug/kg | 224 | 67.2 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 83-32-9 | |
| Acenaphthylene | <67.6 | ug/kg | 225 | 67.6 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 208-96-8 | |
| Anthracene | <30.3 | ug/kg | 101 | 30.3 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 120-12-7 | |
| Benzo(a)anthracene | <29.3 | ug/kg | 97.8 | 29.3 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 56-55-3 | |
| Benzo(a)pyrene | <28.5 | ug/kg | 95.0 | 28.5 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 50-32-8 | |
| Benzo(b)fluoranthene | <32.5 | ug/kg | 108 | 32.5 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 205-99-2 | |
| Benzo(g,h,i)perylene | <49.5 | ug/kg | 165 | 49.5 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 191-24-2 | |
| Benzo(k)fluoranthene | <45.3 | ug/kg | 151 | 45.3 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 207-08-9 | |
| Chrysene | <28.3 | ug/kg | 94.4 | 28.3 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 218-01-9 | |
| Dibenz(a,h)anthracene | <51.4 | ug/kg | 171 | 51.4 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 53-70-3 | |
| 1,4-Dioxane (p-Dioxane) | <103 | ug/kg | 342 | 103 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 123-91-1 | |
| Fluoranthene | <26.8 | ug/kg | 89.3 | 26.8 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 206-44-0 | |
| Fluorene | <22.1 | ug/kg | 73.8 | 22.1 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <41.0 | ug/kg | 137 | 41.0 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 193-39-5 | |
| 1-Methylnaphthalene | <53.9 | ug/kg | 180 | 53.9 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 90-12-0 | |
| 2-Methylnaphthalene | <49.2 | ug/kg | 164 | 49.2 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 91-57-6 | |
| Naphthalene | <66.2 | ug/kg | 221 | 66.2 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 91-20-3 | |
| Pentachlorophenol | <41.7 | ug/kg | 139 | 41.7 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 87-86-5 | |
| Phenanthrene | <24.3 | ug/kg | 81.0 | 24.3 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 85-01-8 | |
| Pyrene | <42.0 | ug/kg | 140 | 42.0 | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 64 | % | 17-110 | | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 68 | % | 45-103 | | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 321-60-8 | |
| Terphenyl-d14 (S) | 75 | % | 46-100 | | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 75 | % | 10-153 | | 1 | 10/15/20 12:36 | 10/15/20 19:36 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-2 (4'-8')** Lab ID: **40216442004** Collected: 10/12/20 15:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-2 (4'-8') **Lab ID: 40216442004** Collected: 10/12/20 15:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 103 | % | 58-145 | | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 1868-53-7 | |
| Toluene-d8 (S) | 103 | % | 56-140 | | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 93 | % | 52-137 | | 1 | 10/15/20 09:15 | 10/16/20 03:31 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 11.9 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:19 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-3 (0'-4') **Lab ID: 40216442005** Collected: 10/12/20 15:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.89 | mg/kg | 2.2 | 0.89 | 1 | 10/16/20 07:47 | 10/16/20 19:32 | 7440-36-0 | |
| Arsenic | <1.6 | mg/kg | 2.8 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 19:32 | 7440-38-2 | |
| Beryllium | 0.24J | mg/kg | 0.44 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 19:32 | 7440-41-7 | |
| Cadmium | 0.19J | mg/kg | 0.56 | 0.15 | 1 | 10/16/20 07:47 | 10/16/20 19:32 | 7440-43-9 | |
| Chromium | 18.3 | mg/kg | 1.1 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 19:32 | 7440-47-3 | |
| Copper | 7.7 | mg/kg | 1.1 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 19:32 | 7440-50-8 | |
| Lead | 15.0 | mg/kg | 2.2 | 0.67 | 1 | 10/16/20 07:47 | 10/16/20 19:32 | 7439-92-1 | |
| Nickel | 6.1 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 19:32 | 7440-02-0 | |
| Selenium | <1.5 | mg/kg | 4.4 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 19:32 | 7782-49-2 | |
| Silver | <0.34 | mg/kg | 1.1 | 0.34 | 1 | 10/16/20 07:47 | 10/16/20 19:32 | 7440-22-4 | |
| Thallium | 0.87J | mg/kg | 4.4 | 0.86 | 1 | 10/16/20 07:47 | 10/16/20 19:32 | 7440-28-0 | |
| Zinc | 61.4 | mg/kg | 4.4 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 19:32 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.055 | mg/kg | 0.038 | 0.011 | 1 | 10/15/20 09:05 | 10/15/20 13:07 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <66.7 | ug/kg | 222 | 66.7 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 83-32-9 | |
| Acenaphthylene | <67.1 | ug/kg | 224 | 67.1 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 208-96-8 | |
| Anthracene | <30.1 | ug/kg | 100 | 30.1 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 120-12-7 | |
| Benzo(a)anthracene | <29.1 | ug/kg | 97.1 | 29.1 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 56-55-3 | |
| Benzo(a)pyrene | 39.7J | ug/kg | 94.4 | 28.3 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 50-32-8 | |
| Benzo(b)fluoranthene | <32.3 | ug/kg | 108 | 32.3 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 205-99-2 | |
| Benzo(g,h,i)perylene | 62.3J | ug/kg | 164 | 49.2 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 191-24-2 | |
| Benzo(k)fluoranthene | <45.1 | ug/kg | 150 | 45.1 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 207-08-9 | |
| Chrysene | <28.1 | ug/kg | 93.8 | 28.1 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 218-01-9 | |
| Dibenz(a,h)anthracene | <51.1 | ug/kg | 170 | 51.1 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 53-70-3 | |
| Fluoranthene | 32.4J | ug/kg | 88.8 | 26.6 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 206-44-0 | |
| Fluorene | <22.0 | ug/kg | 73.3 | 22.0 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <40.7 | ug/kg | 136 | 40.7 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 193-39-5 | |
| 1-Methylnaphthalene | <53.6 | ug/kg | 179 | 53.6 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 90-12-0 | |
| 2-Methylnaphthalene | <48.9 | ug/kg | 163 | 48.9 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 91-57-6 | |
| Naphthalene | <65.8 | ug/kg | 219 | 65.8 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 91-20-3 | |
| Pentachlorophenol | <41.4 | ug/kg | 138 | 41.4 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 87-86-5 | |
| Phenanthrene | <24.1 | ug/kg | 80.5 | 24.1 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 85-01-8 | |
| Pyrene | 45.5J | ug/kg | 139 | 41.7 | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 56 | % | 17-110 | | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 74 | % | 45-103 | | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 321-60-8 | |
| Terphenyl-d14 (S) | 85 | % | 46-100 | | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 65 | % | 10-153 | | 1 | 10/15/20 13:31 | 10/16/20 15:24 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Lab Project No.: 40216442

Sample: **SB-3 (0'-4')** Lab ID: **40216442005** Collected: 10/12/20 15:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-3 (0'-4') **Lab ID: 40216442005** Collected: 10/12/20 15:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 124 | % | 58-145 | | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 1868-53-7 | |
| Toluene-d8 (S) | 118 | % | 56-140 | | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 109 | % | 52-137 | | 1 | 10/15/20 09:15 | 10/16/20 03:54 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 11.3 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:19 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-3 (8'-12') **Lab ID: 40216442006** Collected: 10/12/20 15:10 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.89 | mg/kg | 2.2 | 0.89 | 1 | 10/16/20 07:47 | 10/16/20 19:34 | 7440-36-0 | |
| Arsenic | 3.1 | mg/kg | 2.8 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 19:34 | 7440-38-2 | |
| Beryllium | 1.3 | mg/kg | 0.45 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 19:34 | 7440-41-7 | |
| Cadmium | <0.15 | mg/kg | 0.56 | 0.15 | 1 | 10/16/20 07:47 | 10/16/20 19:34 | 7440-43-9 | |
| Chromium | 11.4 | mg/kg | 1.1 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 19:34 | 7440-47-3 | |
| Copper | 8.8 | mg/kg | 1.1 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 19:34 | 7440-50-8 | |
| Lead | 43.6 | mg/kg | 2.2 | 0.67 | 1 | 10/16/20 07:47 | 10/16/20 19:34 | 7439-92-1 | |
| Nickel | 5.5 | mg/kg | 1.1 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 19:34 | 7440-02-0 | |
| Selenium | <1.5 | mg/kg | 4.5 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 19:34 | 7782-49-2 | |
| Silver | <0.34 | mg/kg | 1.1 | 0.34 | 1 | 10/16/20 07:47 | 10/16/20 19:34 | 7440-22-4 | |
| Thallium | 1.3J | mg/kg | 4.5 | 0.87 | 1 | 10/16/20 07:47 | 10/16/20 19:34 | 7440-28-0 | |
| Zinc | 118 | mg/kg | 4.5 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 19:34 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.011 | mg/kg | 0.037 | 0.011 | 1 | 10/15/20 09:05 | 10/15/20 13:14 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <69.0 | ug/kg | 230 | 69.0 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 83-32-9 | |
| Acenaphthylene | <69.4 | ug/kg | 231 | 69.4 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 208-96-8 | |
| Anthracene | <31.1 | ug/kg | 104 | 31.1 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 120-12-7 | |
| Benzo(a)anthracene | <30.1 | ug/kg | 100 | 30.1 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 56-55-3 | |
| Benzo(a)pyrene | <29.3 | ug/kg | 97.6 | 29.3 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 50-32-8 | |
| Benzo(b)fluoranthene | <33.4 | ug/kg | 111 | 33.4 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 205-99-2 | |
| Benzo(g,h,i)perylene | <50.9 | ug/kg | 170 | 50.9 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 191-24-2 | |
| Benzo(k)fluoranthene | <46.6 | ug/kg | 155 | 46.6 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 207-08-9 | |
| Chrysene | <29.1 | ug/kg | 97.0 | 29.1 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 218-01-9 | |
| Dibenz(a,h)anthracene | <52.9 | ug/kg | 176 | 52.9 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 53-70-3 | |
| Fluoranthene | <27.5 | ug/kg | 91.8 | 27.5 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 206-44-0 | |
| Fluorene | <22.7 | ug/kg | 75.8 | 22.7 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <42.1 | ug/kg | 140 | 42.1 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 193-39-5 | |
| 1-Methylnaphthalene | <55.4 | ug/kg | 185 | 55.4 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 90-12-0 | |
| 2-Methylnaphthalene | <50.5 | ug/kg | 168 | 50.5 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 91-57-6 | |
| Naphthalene | <68.0 | ug/kg | 227 | 68.0 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 91-20-3 | |
| Pentachlorophenol | <42.9 | ug/kg | 143 | 42.9 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 87-86-5 | |
| Phenanthrene | 31.7J | ug/kg | 83.2 | 25.0 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 85-01-8 | |
| Pyrene | <43.1 | ug/kg | 144 | 43.1 | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 50 | % | 17-110 | | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 62 | % | 45-103 | | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 321-60-8 | |
| Terphenyl-d14 (S) | 67 | % | 46-100 | | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 42 | % | 10-153 | | 1 | 10/15/20 13:31 | 10/16/20 15:45 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Lab Project No.: 40216442

Sample: **SB-3 (8'-12')** Lab ID: **40216442006** Collected: 10/12/20 15:10 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-3 (8'-12') **Lab ID: 40216442006** Collected: 10/12/20 15:10 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 116 | % | 58-145 | | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 1868-53-7 | |
| Toluene-d8 (S) | 120 | % | 56-140 | | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 101 | % | 52-137 | | 1 | 10/15/20 09:15 | 10/16/20 02:45 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 14.2 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:19 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-4 (0.5'-4') **Lab ID: 40216442007** Collected: 10/12/20 13:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.84 | mg/kg | 2.1 | 0.84 | 1 | 10/16/20 07:47 | 10/16/20 19:36 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.6 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 19:36 | 7440-38-2 | |
| Beryllium | 0.27J | mg/kg | 0.42 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 19:36 | 7440-41-7 | |
| Cadmium | <0.14 | mg/kg | 0.53 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 19:36 | 7440-43-9 | |
| Chromium | 7.6 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 19:36 | 7440-47-3 | |
| Copper | 8.3 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 19:36 | 7440-50-8 | |
| Lead | 4.6 | mg/kg | 2.1 | 0.63 | 1 | 10/16/20 07:47 | 10/16/20 19:36 | 7439-92-1 | |
| Nickel | 5.2 | mg/kg | 1.1 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 19:36 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.2 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 19:36 | 7782-49-2 | |
| Silver | <0.32 | mg/kg | 1.1 | 0.32 | 1 | 10/16/20 07:47 | 10/16/20 19:36 | 7440-22-4 | |
| Thallium | 1.0J | mg/kg | 4.2 | 0.81 | 1 | 10/16/20 07:47 | 10/16/20 19:36 | 7440-28-0 | |
| Zinc | 37.7 | mg/kg | 4.2 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 19:36 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.010 | mg/kg | 0.035 | 0.010 | 1 | 10/15/20 09:05 | 10/15/20 13:16 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <313 | ug/kg | 1040 | 313 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 83-32-9 | |
| Acenaphthylene | <315 | ug/kg | 1050 | 315 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 208-96-8 | |
| Anthracene | <141 | ug/kg | 471 | 141 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 120-12-7 | |
| Benzo(a)anthracene | 162J | ug/kg | 456 | 137 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 56-55-3 | |
| Benzo(a)pyrene | 177J | ug/kg | 443 | 133 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 50-32-8 | |
| Benzo(b)fluoranthene | 226J | ug/kg | 506 | 152 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 205-99-2 | |
| Benzo(g,h,i)perylene | <231 | ug/kg | 770 | 231 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 191-24-2 | |
| Benzo(k)fluoranthene | <211 | ug/kg | 705 | 211 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 207-08-9 | |
| Chrysene | 197J | ug/kg | 440 | 132 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 218-01-9 | |
| Dibenz(a,h)anthracene | <240 | ug/kg | 800 | 240 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 53-70-3 | |
| 1,4-Dioxane (p-Dioxane) | <479 | ug/kg | 1600 | 479 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 123-91-1 | |
| Fluoranthene | 297J | ug/kg | 417 | 125 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 206-44-0 | |
| Fluorene | <103 | ug/kg | 344 | 103 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <191 | ug/kg | 637 | 191 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 193-39-5 | |
| 1-Methylnaphthalene | <252 | ug/kg | 838 | 252 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <229 | ug/kg | 764 | 229 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 91-57-6 | |
| Naphthalene | <309 | ug/kg | 1030 | 309 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 91-20-3 | |
| Pentachlorophenol | <195 | ug/kg | 648 | 195 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 87-86-5 | |
| Phenanthrene | <113 | ug/kg | 378 | 113 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 85-01-8 | |
| Pyrene | 256J | ug/kg | 653 | 196 | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 56 | % | 17-110 | | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 70 | % | 45-103 | | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 321-60-8 | |
| Terphenyl-d14 (S) | 75 | % | 46-100 | | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 69 | % | 10-153 | | 5 | 10/15/20 13:31 | 10/19/20 12:10 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-4 (0.5'-4')** Lab ID: **40216442007** Collected: 10/12/20 13:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 74-83-9 | R1,W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 56-23-5 | R1,W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 75-00-3 | R1,W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 74-87-3 | R1,W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 75-71-8 | R1,W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 75-34-3 | R1,W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 75-35-4 | R1,W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 156-59-2 | R1,W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 156-60-5 | R1,W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 100-41-4 | R1,W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 75-09-2 | R1,W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-4 (0.5'-4')** Lab ID: **40216442007** Collected: 10/12/20 13:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 71-55-6 | R1,W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 79-01-6 | R1,W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 75-69-4 | R1,W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 90 | % | 58-145 | | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 1868-53-7 | |
| Toluene-d8 (S) | 101 | % | 56-140 | | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 96 | % | 52-137 | | 1 | 10/16/20 08:30 | 10/16/20 14:00 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 5.5 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:20 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-4 (8'-12) **Lab ID: 40216442008** Collected: 10/12/20 14:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.81 | mg/kg | 2.0 | 0.81 | 1 | 10/16/20 07:47 | 10/16/20 19:39 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.5 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 19:39 | 7440-38-2 | |
| Beryllium | 0.27J | mg/kg | 0.40 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 19:39 | 7440-41-7 | |
| Cadmium | <0.13 | mg/kg | 0.51 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 19:39 | 7440-43-9 | |
| Chromium | 13.0 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 19:39 | 7440-47-3 | |
| Copper | 15.3 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 19:39 | 7440-50-8 | |
| Lead | 2.2 | mg/kg | 2.0 | 0.61 | 1 | 10/16/20 07:47 | 10/16/20 19:39 | 7439-92-1 | |
| Nickel | 11.5 | mg/kg | 1.0 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 19:39 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 4.0 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 19:39 | 7782-49-2 | |
| Silver | <0.31 | mg/kg | 1.0 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 19:39 | 7440-22-4 | |
| Thallium | <0.78 | mg/kg | 4.0 | 0.78 | 1 | 10/16/20 07:47 | 10/16/20 19:39 | 7440-28-0 | |
| Zinc | 18.2 | mg/kg | 4.0 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 19:39 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.0095 | mg/kg | 0.033 | 0.0095 | 1 | 10/15/20 09:05 | 10/15/20 13:19 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <60.8 | ug/kg | 203 | 60.8 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 83-32-9 | |
| Acenaphthylene | <61.2 | ug/kg | 204 | 61.2 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 208-96-8 | |
| Anthracene | <27.4 | ug/kg | 91.4 | 27.4 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 120-12-7 | |
| Benzo(a)anthracene | <26.6 | ug/kg | 88.5 | 26.6 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 56-55-3 | |
| Benzo(a)pyrene | 28.1J | ug/kg | 86.0 | 25.8 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 50-32-8 | |
| Benzo(b)fluoranthene | <29.5 | ug/kg | 98.2 | 29.5 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 205-99-2 | |
| Benzo(g,h,i)perylene | <44.9 | ug/kg | 150 | 44.9 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 191-24-2 | |
| Benzo(k)fluoranthene | <41.1 | ug/kg | 137 | 41.1 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 207-08-9 | |
| Chrysene | <25.6 | ug/kg | 85.5 | 25.6 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 218-01-9 | |
| Dibenz(a,h)anthracene | <46.6 | ug/kg | 155 | 46.6 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 53-70-3 | |
| 1,4-Dioxane (p-Dioxane) | <93.0 | ug/kg | 310 | 93.0 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 123-91-1 | |
| Fluoranthene | <24.3 | ug/kg | 80.9 | 24.3 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 206-44-0 | |
| Fluorene | <20.0 | ug/kg | 66.8 | 20.0 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <37.1 | ug/kg | 124 | 37.1 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 193-39-5 | |
| 1-Methylnaphthalene | <48.8 | ug/kg | 163 | 48.8 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 90-12-0 | |
| 2-Methylnaphthalene | <44.5 | ug/kg | 148 | 44.5 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 91-57-6 | |
| Naphthalene | <60.0 | ug/kg | 200 | 60.0 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 91-20-3 | |
| Pentachlorophenol | <37.8 | ug/kg | 126 | 37.8 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 87-86-5 | |
| Phenanthrene | <22.0 | ug/kg | 73.3 | 22.0 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 85-01-8 | |
| Pyrene | <38.0 | ug/kg | 127 | 38.0 | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 70 | % | 17-110 | | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 83 | % | 45-103 | | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 321-60-8 | |
| Terphenyl-d14 (S) | 84 | % | 46-100 | | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 93 | % | 10-153 | | 1 | 10/15/20 13:31 | 10/20/20 12:46 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-4 (8'-12)** Lab ID: **40216442008** Collected: 10/12/20 14:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-4 (8'-12) **Lab ID: 40216442008** Collected: 10/12/20 14:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 100 | % | 58-145 | | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 1868-53-7 | |
| Toluene-d8 (S) | 115 | % | 56-140 | | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 104 | % | 52-137 | | 1 | 10/16/20 08:30 | 10/16/20 19:32 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 2.5 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:20 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-7 (0'-4') **Lab ID: 40216442009** Collected: 10/12/20 13:10 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.83 | mg/kg | 2.1 | 0.83 | 1 | 10/16/20 07:47 | 10/16/20 19:46 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.6 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 19:46 | 7440-38-2 | |
| Beryllium | 0.30J | mg/kg | 0.42 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 19:46 | 7440-41-7 | |
| Cadmium | <0.14 | mg/kg | 0.52 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 19:46 | 7440-43-9 | |
| Chromium | 0.55J | mg/kg | 1.0 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 19:46 | 7440-47-3 | |
| Copper | 3.4 | mg/kg | 1.0 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 19:46 | 7440-50-8 | |
| Lead | 6.2 | mg/kg | 2.1 | 0.62 | 1 | 10/16/20 07:47 | 10/16/20 19:46 | 7439-92-1 | |
| Nickel | 0.77J | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 19:46 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.2 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 19:46 | 7782-49-2 | |
| Silver | 0.33J | mg/kg | 1.0 | 0.32 | 1 | 10/16/20 07:47 | 10/16/20 19:46 | 7440-22-4 | |
| Thallium | 1.4J | mg/kg | 4.2 | 0.81 | 1 | 10/16/20 07:47 | 10/16/20 19:46 | 7440-28-0 | |
| Zinc | 38.9 | mg/kg | 4.2 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 19:46 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.010 | mg/kg | 0.035 | 0.010 | 1 | 10/15/20 09:05 | 10/15/20 13:21 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <318 | ug/kg | 1060 | 318 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 83-32-9 | |
| Acenaphthylene | <320 | ug/kg | 1070 | 320 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 208-96-8 | |
| Anthracene | <143 | ug/kg | 478 | 143 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 120-12-7 | |
| Benzo(a)anthracene | <139 | ug/kg | 463 | 139 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 56-55-3 | |
| Benzo(a)pyrene | <135 | ug/kg | 450 | 135 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 50-32-8 | |
| Benzo(b)fluoranthene | <154 | ug/kg | 514 | 154 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 205-99-2 | |
| Benzo(g,h,i)perylene | <235 | ug/kg | 782 | 235 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 191-24-2 | |
| Benzo(k)fluoranthene | <215 | ug/kg | 716 | 215 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 207-08-9 | |
| Chrysene | <134 | ug/kg | 447 | 134 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 218-01-9 | |
| Dibenz(a,h)anthracene | <244 | ug/kg | 812 | 244 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 53-70-3 | |
| Fluoranthene | <127 | ug/kg | 423 | 127 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 206-44-0 | |
| Fluorene | <105 | ug/kg | 349 | 105 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <194 | ug/kg | 647 | 194 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 193-39-5 | |
| 1-Methylnaphthalene | <255 | ug/kg | 851 | 255 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <233 | ug/kg | 776 | 233 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 91-57-6 | |
| Naphthalene | <314 | ug/kg | 1050 | 314 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 91-20-3 | |
| Pentachlorophenol | <197 | ug/kg | 658 | 197 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 87-86-5 | |
| Phenanthrene | <115 | ug/kg | 383 | 115 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 85-01-8 | |
| Pyrene | <199 | ug/kg | 663 | 199 | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 50 | % | 17-110 | | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 66 | % | 45-103 | | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 321-60-8 | |
| Terphenyl-d14 (S) | 71 | % | 46-100 | | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 49 | % | 10-153 | | 5 | 10/15/20 13:31 | 10/16/20 18:55 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-7 (0'-4')** Lab ID: **40216442009** Collected: 10/12/20 13:10 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-7 (0'-4')** Lab ID: **40216442009** Collected: 10/12/20 13:10 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 100 | % | 58-145 | | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 1868-53-7 | |
| Toluene-d8 (S) | 112 | % | 56-140 | | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 102 | % | 52-137 | | 1 | 10/16/20 08:30 | 10/16/20 19:55 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 6.9 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:20 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-7 (8'-12') **Lab ID: 40216442010** Collected: 10/12/20 13:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.84 | mg/kg | 2.1 | 0.84 | 1 | 10/16/20 07:47 | 10/16/20 19:48 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.6 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 19:48 | 7440-38-2 | |
| Beryllium | 0.19J | mg/kg | 0.42 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 19:48 | 7440-41-7 | |
| Cadmium | <0.14 | mg/kg | 0.53 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 19:48 | 7440-43-9 | |
| Chromium | 6.3 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 19:48 | 7440-47-3 | |
| Copper | 7.1 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 19:48 | 7440-50-8 | |
| Lead | 1.6J | mg/kg | 2.1 | 0.63 | 1 | 10/16/20 07:47 | 10/16/20 19:48 | 7439-92-1 | |
| Nickel | 6.7 | mg/kg | 1.1 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 19:48 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.2 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 19:48 | 7782-49-2 | |
| Silver | <0.32 | mg/kg | 1.1 | 0.32 | 1 | 10/16/20 07:47 | 10/16/20 19:48 | 7440-22-4 | |
| Thallium | <0.82 | mg/kg | 4.2 | 0.82 | 1 | 10/16/20 07:47 | 10/16/20 19:48 | 7440-28-0 | |
| Zinc | 9.6 | mg/kg | 4.2 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 19:48 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.011 | mg/kg | 0.039 | 0.011 | 1 | 10/15/20 09:55 | 10/15/20 13:28 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <66.8 | ug/kg | 223 | 66.8 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 83-32-9 | |
| Acenaphthylene | <67.2 | ug/kg | 224 | 67.2 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 208-96-8 | |
| Anthracene | <30.1 | ug/kg | 100 | 30.1 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 120-12-7 | |
| Benzo(a)anthracene | <29.2 | ug/kg | 97.3 | 29.2 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 56-55-3 | |
| Benzo(a)pyrene | <28.3 | ug/kg | 94.5 | 28.3 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 50-32-8 | |
| Benzo(b)fluoranthene | <32.4 | ug/kg | 108 | 32.4 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 205-99-2 | |
| Benzo(g,h,i)perylene | <49.3 | ug/kg | 164 | 49.3 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 191-24-2 | |
| Benzo(k)fluoranthene | <45.1 | ug/kg | 150 | 45.1 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 207-08-9 | |
| Chrysene | <28.2 | ug/kg | 93.9 | 28.2 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 218-01-9 | |
| Dibenz(a,h)anthracene | <51.2 | ug/kg | 171 | 51.2 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 53-70-3 | |
| Fluoranthene | <26.7 | ug/kg | 88.9 | 26.7 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 206-44-0 | |
| Fluorene | <22.0 | ug/kg | 73.4 | 22.0 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <40.8 | ug/kg | 136 | 40.8 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 193-39-5 | |
| 1-Methylnaphthalene | <53.6 | ug/kg | 179 | 53.6 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 90-12-0 | |
| 2-Methylnaphthalene | <48.9 | ug/kg | 163 | 48.9 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 91-57-6 | |
| Naphthalene | <65.9 | ug/kg | 220 | 65.9 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 91-20-3 | |
| Pentachlorophenol | <41.5 | ug/kg | 138 | 41.5 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 87-86-5 | |
| Phenanthrene | <24.2 | ug/kg | 80.6 | 24.2 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 85-01-8 | |
| Pyrene | <41.8 | ug/kg | 139 | 41.8 | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 45 | % | 17-110 | | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 56 | % | 45-103 | | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 321-60-8 | |
| Terphenyl-d14 (S) | 72 | % | 46-100 | | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 69 | % | 10-153 | | 1 | 10/15/20 13:31 | 10/16/20 15:03 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-7 (8'-12')** Lab ID: **40216442010** Collected: 10/12/20 13:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-7 (8'-12') **Lab ID: 40216442010** Collected: 10/12/20 13:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 101 | % | 58-145 | | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 1868-53-7 | |
| Toluene-d8 (S) | 112 | % | 56-140 | | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 105 | % | 52-137 | | 1 | 10/16/20 08:30 | 10/16/20 20:17 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 11.4 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:20 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-8 (0'-4') Lab ID: 40216442011 Collected: 10/12/20 14:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | 4.5 | mg/kg | 3.8 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 19:51 | 7440-36-0 | |
| Arsenic | 9.3 | mg/kg | 4.8 | 2.8 | 1 | 10/16/20 07:47 | 10/16/20 19:51 | 7440-38-2 | |
| Beryllium | <0.23 | mg/kg | 0.76 | 0.23 | 1 | 10/16/20 07:47 | 10/16/20 19:51 | 7440-41-7 | |
| Cadmium | 0.87J | mg/kg | 0.95 | 0.25 | 1 | 10/16/20 07:47 | 10/16/20 19:51 | 7440-43-9 | |
| Chromium | 7.7 | mg/kg | 3.8 | 1.1 | 2 | 10/16/20 07:47 | 10/19/20 13:40 | 7440-47-3 | |
| Copper | 75.8 | mg/kg | 1.9 | 0.53 | 1 | 10/16/20 07:47 | 10/16/20 19:51 | 7440-50-8 | |
| Lead | 35.9 | mg/kg | 7.6 | 2.3 | 2 | 10/16/20 07:47 | 10/19/20 13:40 | 7439-92-1 | |
| Nickel | 10.6 | mg/kg | 1.9 | 0.51 | 1 | 10/16/20 07:47 | 10/16/20 19:51 | 7440-02-0 | |
| Selenium | <2.5 | mg/kg | 7.6 | 2.5 | 1 | 10/16/20 07:47 | 10/16/20 19:51 | 7782-49-2 | |
| Silver | <0.59 | mg/kg | 1.9 | 0.59 | 1 | 10/16/20 07:47 | 10/16/20 19:51 | 7440-22-4 | |
| Thallium | <3.0 | mg/kg | 15.3 | 3.0 | 2 | 10/16/20 07:47 | 10/19/20 13:40 | 7440-28-0 | D3 |
| Zinc | 349 | mg/kg | 7.6 | 2.3 | 1 | 10/16/20 07:47 | 10/16/20 19:51 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.024J | mg/kg | 0.067 | 0.019 | 1 | 10/15/20 09:55 | 10/15/20 13:35 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <1140 | ug/kg | 3810 | 1140 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 83-32-9 | |
| Acenaphthylene | <1150 | ug/kg | 3840 | 1150 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 208-96-8 | |
| Anthracene | <516 | ug/kg | 1720 | 516 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 120-12-7 | |
| Benzo(a)anthracene | <500 | ug/kg | 1670 | 500 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 56-55-3 | |
| Benzo(a)pyrene | 587J | ug/kg | 1620 | 485 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 50-32-8 | |
| Benzo(b)fluoranthene | <554 | ug/kg | 1850 | 554 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 205-99-2 | |
| Benzo(g,h,i)perylene | <844 | ug/kg | 2810 | 844 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 191-24-2 | |
| Benzo(k)fluoranthene | <773 | ug/kg | 2580 | 773 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 207-08-9 | |
| Chrysene | <482 | ug/kg | 1610 | 482 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 218-01-9 | |
| Dibenz(a,h)anthracene | <876 | ug/kg | 2920 | 876 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 53-70-3 | |
| 1,4-Dioxane (p-Dioxane) | <1750 | ug/kg | 5830 | 1750 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 123-91-1 | |
| Fluoranthene | <457 | ug/kg | 1520 | 457 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 206-44-0 | |
| Fluorene | <377 | ug/kg | 1260 | 377 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | 732J | ug/kg | 2330 | 698 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 193-39-5 | |
| 1-Methylnaphthalene | <919 | ug/kg | 3060 | 919 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <838 | ug/kg | 2790 | 838 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 91-57-6 | |
| Naphthalene | <1130 | ug/kg | 3760 | 1130 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 91-20-3 | |
| Pentachlorophenol | <711 | ug/kg | 2370 | 711 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 87-86-5 | |
| Phenanthrene | <414 | ug/kg | 1380 | 414 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 85-01-8 | |
| Pyrene | <715 | ug/kg | 2380 | 715 | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 56 | % | 17-110 | | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 64 | % | 45-103 | | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 321-60-8 | |
| Terphenyl-d14 (S) | 73 | % | 46-100 | | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 56 | % | 10-153 | | 10 | 10/15/20 13:31 | 10/20/20 13:07 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-8 (0'-4')** Lab ID: **40216442011** Collected: 10/12/20 14:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-8 (0'-4')** Lab ID: **40216442011** Collected: 10/12/20 14:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|-------------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 88 | % | 58-145 | | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 1868-53-7 | |
| Toluene-d8 (S) | 103 | % | 56-140 | | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 90 | % | 52-137 | | 1 | 10/16/20 08:30 | 10/16/20 20:40 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 48.2 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:20 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-8 (8'-12') **Lab ID: 40216442012** Collected: 10/12/20 14:40 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.77 | mg/kg | 1.9 | 0.77 | 1 | 10/16/20 07:47 | 10/16/20 19:54 | 7440-36-0 | |
| Arsenic | <1.4 | mg/kg | 2.4 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 19:54 | 7440-38-2 | |
| Beryllium | 0.12J | mg/kg | 0.39 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 19:54 | 7440-41-7 | |
| Cadmium | <0.13 | mg/kg | 0.48 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 19:54 | 7440-43-9 | |
| Chromium | 5.2 | mg/kg | 0.97 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 19:54 | 7440-47-3 | |
| Copper | 5.1 | mg/kg | 0.97 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 19:54 | 7440-50-8 | |
| Lead | 0.87J | mg/kg | 1.9 | 0.58 | 1 | 10/16/20 07:47 | 10/16/20 19:54 | 7439-92-1 | |
| Nickel | 4.7 | mg/kg | 0.97 | 0.26 | 1 | 10/16/20 07:47 | 10/16/20 19:54 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 3.9 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 19:54 | 7782-49-2 | |
| Silver | <0.30 | mg/kg | 0.97 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 19:54 | 7440-22-4 | |
| Thallium | <0.75 | mg/kg | 3.9 | 0.75 | 1 | 10/16/20 07:47 | 10/16/20 19:54 | 7440-28-0 | |
| Zinc | 7.9 | mg/kg | 3.9 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 19:54 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.011 | mg/kg | 0.037 | 0.011 | 1 | 10/15/20 09:55 | 10/15/20 13:42 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <62.4 | ug/kg | 208 | 62.4 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 83-32-9 | |
| Acenaphthylene | <62.7 | ug/kg | 209 | 62.7 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 208-96-8 | |
| Anthracene | <28.1 | ug/kg | 93.7 | 28.1 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 120-12-7 | |
| Benzo(a)anthracene | <27.2 | ug/kg | 90.8 | 27.2 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 56-55-3 | |
| Benzo(a)pyrene | <26.5 | ug/kg | 88.2 | 26.5 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 50-32-8 | |
| Benzo(b)fluoranthene | <30.2 | ug/kg | 101 | 30.2 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 205-99-2 | |
| Benzo(g,h,i)perylene | <46.0 | ug/kg | 153 | 46.0 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 191-24-2 | |
| Benzo(k)fluoranthene | <42.1 | ug/kg | 140 | 42.1 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 207-08-9 | |
| Chrysene | <26.3 | ug/kg | 87.6 | 26.3 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 218-01-9 | |
| Dibenz(a,h)anthracene | <47.8 | ug/kg | 159 | 47.8 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 53-70-3 | |
| 1,4-Dioxane (p-Dioxane) | <95.3 | ug/kg | 318 | 95.3 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 123-91-1 | |
| Fluoranthene | <24.9 | ug/kg | 82.9 | 24.9 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 206-44-0 | |
| Fluorene | <20.6 | ug/kg | 68.5 | 20.6 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <38.1 | ug/kg | 127 | 38.1 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 193-39-5 | |
| 1-Methylnaphthalene | <50.1 | ug/kg | 167 | 50.1 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 90-12-0 | |
| 2-Methylnaphthalene | <45.7 | ug/kg | 152 | 45.7 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 91-57-6 | |
| Naphthalene | <61.5 | ug/kg | 205 | 61.5 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 91-20-3 | |
| Pentachlorophenol | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 87-86-5 | |
| Phenanthrene | <22.6 | ug/kg | 75.2 | 22.6 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 85-01-8 | |
| Pyrene | <39.0 | ug/kg | 130 | 39.0 | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 54 | % | 17-110 | | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 71 | % | 45-103 | | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 321-60-8 | |
| Terphenyl-d14 (S) | 84 | % | 46-100 | | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 68 | % | 10-153 | | 1 | 10/15/20 13:31 | 10/16/20 16:06 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-8 (8'-12')** Lab ID: **40216442012** Collected: 10/12/20 14:40 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-8 (8'-12')** Lab ID: **40216442012** Collected: 10/12/20 14:40 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 97 | % | 58-145 | | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 1868-53-7 | |
| Toluene-d8 (S) | 107 | % | 56-140 | | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 96 | % | 52-137 | | 1 | 10/16/20 08:30 | 10/16/20 21:03 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 4.9 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:20 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Project No.: 40216442

Sample: **SB-14 (0'-4')** Lab ID: **40216442013** Collected: 10/12/20 15:55 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <1.1 | mg/kg | 2.8 | 1.1 | 1 | 10/16/20 07:47 | 10/16/20 19:56 | 7440-36-0 | |
| Arsenic | <2.1 | mg/kg | 3.5 | 2.1 | 1 | 10/16/20 07:47 | 10/16/20 19:56 | 7440-38-2 | |
| Beryllium | 0.32J | mg/kg | 0.57 | 0.17 | 1 | 10/16/20 07:47 | 10/16/20 19:56 | 7440-41-7 | |
| Cadmium | 0.30J | mg/kg | 0.71 | 0.19 | 1 | 10/16/20 07:47 | 10/16/20 19:56 | 7440-43-9 | |
| Chromium | 7.8 | mg/kg | 1.4 | 0.39 | 1 | 10/16/20 07:47 | 10/16/20 19:56 | 7440-47-3 | |
| Copper | 12.3 | mg/kg | 1.4 | 0.39 | 1 | 10/16/20 07:47 | 10/16/20 19:56 | 7440-50-8 | |
| Lead | 20.2 | mg/kg | 2.8 | 0.85 | 1 | 10/16/20 07:47 | 10/16/20 19:56 | 7439-92-1 | |
| Nickel | 4.6 | mg/kg | 1.4 | 0.37 | 1 | 10/16/20 07:47 | 10/16/20 19:56 | 7440-02-0 | |
| Selenium | <1.9 | mg/kg | 5.7 | 1.9 | 1 | 10/16/20 07:47 | 10/16/20 19:56 | 7782-49-2 | |
| Silver | <0.43 | mg/kg | 1.4 | 0.43 | 1 | 10/16/20 07:47 | 10/16/20 19:56 | 7440-22-4 | |
| Thallium | 1.1J | mg/kg | 5.7 | 1.1 | 1 | 10/16/20 07:47 | 10/16/20 19:56 | 7440-28-0 | |
| Zinc | 60.9 | mg/kg | 5.7 | 1.7 | 1 | 10/16/20 07:47 | 10/16/20 19:56 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.034J | mg/kg | 0.046 | 0.013 | 1 | 10/15/20 09:55 | 10/15/20 13:44 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <430 | ug/kg | 1430 | 430 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 83-32-9 | |
| Acenaphthylene | <432 | ug/kg | 1440 | 432 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 208-96-8 | |
| Anthracene | 556J | ug/kg | 646 | 194 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 120-12-7 | |
| Benzo(a)anthracene | 2390 | ug/kg | 626 | 188 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 56-55-3 | |
| Benzo(a)pyrene | 2630 | ug/kg | 608 | 182 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 50-32-8 | |
| Benzo(b)fluoranthene | 3550 | ug/kg | 694 | 208 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 205-99-2 | |
| Benzo(g,h,i)perylene | 2310 | ug/kg | 1060 | 317 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 191-24-2 | |
| Benzo(k)fluoranthene | 1370 | ug/kg | 967 | 290 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 207-08-9 | |
| Chrysene | 2470 | ug/kg | 604 | 181 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 218-01-9 | |
| Dibenz(a,h)anthracene | 335J | ug/kg | 1100 | 329 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 53-70-3 | |
| 1,4-Dioxane (p-Dioxane) | <657 | ug/kg | 2190 | 657 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 123-91-1 | |
| Fluoranthene | 5420 | ug/kg | 572 | 172 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 206-44-0 | |
| Fluorene | <142 | ug/kg | 472 | 142 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | 2360 | ug/kg | 874 | 262 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 193-39-5 | |
| 1-Methylnaphthalene | <345 | ug/kg | 1150 | 345 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 90-12-0 | |
| 2-Methylnaphthalene | <315 | ug/kg | 1050 | 315 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 91-57-6 | |
| Naphthalene | <424 | ug/kg | 1410 | 424 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 91-20-3 | |
| Pentachlorophenol | <267 | ug/kg | 890 | 267 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 87-86-5 | |
| Phenanthrene | 1780 | ug/kg | 518 | 156 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 85-01-8 | |
| Pyrene | 4030 | ug/kg | 896 | 269 | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 51 | % | 17-110 | | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 60 | % | 45-103 | | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 321-60-8 | |
| Terphenyl-d14 (S) | 69 | % | 46-100 | | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 73 | % | 10-153 | | 5 | 10/15/20 13:31 | 10/19/20 12:31 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-14 (0'-4')** Lab ID: **40216442013** Collected: 10/12/20 15:55 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-14 (0'-4')** Lab ID: **40216442013** Collected: 10/12/20 15:55 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 100 | % | 58-145 | | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 1868-53-7 | |
| Toluene-d8 (S) | 107 | % | 56-140 | | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 96 | % | 52-137 | | 1 | 10/16/20 08:30 | 10/16/20 21:25 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 31.1 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:20 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-14 (4'-8') **Lab ID: 40216442014** Collected: 10/12/20 16:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | 4.5 | mg/kg | 3.1 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 19:58 | 7440-36-0 | |
| Arsenic | 3.2J | mg/kg | 3.8 | 2.2 | 1 | 10/16/20 07:47 | 10/16/20 19:58 | 7440-38-2 | |
| Beryllium | 0.33J | mg/kg | 0.61 | 0.18 | 1 | 10/16/20 07:47 | 10/16/20 19:58 | 7440-41-7 | |
| Cadmium | 1.1 | mg/kg | 0.76 | 0.20 | 1 | 10/16/20 07:47 | 10/16/20 19:58 | 7440-43-9 | |
| Chromium | 12.5 | mg/kg | 1.5 | 0.42 | 1 | 10/16/20 07:47 | 10/16/20 19:58 | 7440-47-3 | |
| Copper | 54.8 | mg/kg | 1.5 | 0.42 | 1 | 10/16/20 07:47 | 10/16/20 19:58 | 7440-50-8 | |
| Lead | 209 | mg/kg | 3.1 | 0.91 | 1 | 10/16/20 07:47 | 10/16/20 19:58 | 7439-92-1 | |
| Nickel | 10.2 | mg/kg | 1.5 | 0.40 | 1 | 10/16/20 07:47 | 10/16/20 19:58 | 7440-02-0 | |
| Selenium | <2.0 | mg/kg | 6.1 | 2.0 | 1 | 10/16/20 07:47 | 10/16/20 19:58 | 7782-49-2 | |
| Silver | <0.47 | mg/kg | 1.5 | 0.47 | 1 | 10/16/20 07:47 | 10/16/20 19:58 | 7440-22-4 | |
| Thallium | <1.2 | mg/kg | 6.1 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 19:58 | 7440-28-0 | |
| Zinc | 273 | mg/kg | 6.1 | 1.8 | 1 | 10/16/20 07:47 | 10/16/20 19:58 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.16 | mg/kg | 0.053 | 0.015 | 1 | 10/15/20 09:55 | 10/15/20 13:46 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <1880 | ug/kg | 6250 | 1880 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 83-32-9 | |
| Acenaphthylene | <1890 | ug/kg | 6290 | 1890 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 208-96-8 | |
| Anthracene | 1500J | ug/kg | 2820 | 845 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 120-12-7 | |
| Benzo(a)anthracene | 6550 | ug/kg | 2730 | 819 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 56-55-3 | |
| Benzo(a)pyrene | 9160 | ug/kg | 2650 | 796 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 50-32-8 | |
| Benzo(b)fluoranthene | 12100 | ug/kg | 3030 | 909 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 205-99-2 | |
| Benzo(g,h,i)perylene | 9320 | ug/kg | 4610 | 1380 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 191-24-2 | |
| Benzo(k)fluoranthene | 4700 | ug/kg | 4220 | 1270 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 207-08-9 | |
| Chrysene | 9540 | ug/kg | 2640 | 791 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1440 | ug/kg | 4790 | 1440 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 53-70-3 | |
| 1,4-Dioxane (p-Dioxane) | <2870 | ug/kg | 9560 | 2870 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 123-91-1 | |
| Fluoranthene | 21600 | ug/kg | 2500 | 749 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 206-44-0 | |
| Fluorene | 658J | ug/kg | 2060 | 618 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | 9140 | ug/kg | 3820 | 1140 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 193-39-5 | |
| 1-Methylnaphthalene | <1510 | ug/kg | 5020 | 1510 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 90-12-0 | |
| 2-Methylnaphthalene | <1370 | ug/kg | 4580 | 1370 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 91-57-6 | |
| Naphthalene | <1850 | ug/kg | 6170 | 1850 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 91-20-3 | |
| Pentachlorophenol | <1170 | ug/kg | 3880 | 1170 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 87-86-5 | |
| Phenanthrene | 13300 | ug/kg | 2260 | 679 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 85-01-8 | |
| Pyrene | 16200 | ug/kg | 3910 | 1170 | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 49 | % | 17-110 | | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 56 | % | 45-103 | | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 321-60-8 | |
| Terphenyl-d14 (S) | 67 | % | 46-100 | | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 52 | % | 10-153 | | 20 | 10/15/20 13:31 | 10/19/20 12:52 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-14 (4'-8')** Lab ID: **40216442014** Collected: 10/12/20 16:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-14 (4'-8') **Lab ID: 40216442014** Collected: 10/12/20 16:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|-------------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 98 | % | 58-145 | | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 1868-53-7 | |
| Toluene-d8 (S) | 108 | % | 56-140 | | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 99 | % | 52-137 | | 1 | 10/16/20 08:30 | 10/16/20 21:48 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 36.9 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:20 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-15 (0'-4') **Lab ID: 40216442015** Collected: 10/12/20 16:45 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.96 | mg/kg | 2.4 | 0.96 | 1 | 10/16/20 07:47 | 10/16/20 20:01 | 7440-36-0 | |
| Arsenic | 3.0J | mg/kg | 3.0 | 1.8 | 1 | 10/16/20 07:47 | 10/16/20 20:01 | 7440-38-2 | |
| Beryllium | 0.65 | mg/kg | 0.48 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 20:01 | 7440-41-7 | |
| Cadmium | 0.51J | mg/kg | 0.60 | 0.16 | 1 | 10/16/20 07:47 | 10/16/20 20:01 | 7440-43-9 | |
| Chromium | 13.1 | mg/kg | 1.2 | 0.33 | 1 | 10/16/20 07:47 | 10/16/20 20:01 | 7440-47-3 | |
| Copper | 27.8 | mg/kg | 1.2 | 0.33 | 1 | 10/16/20 07:47 | 10/16/20 20:01 | 7440-50-8 | |
| Lead | 28.2 | mg/kg | 2.4 | 0.72 | 1 | 10/16/20 07:47 | 10/16/20 20:01 | 7439-92-1 | |
| Nickel | 14.4 | mg/kg | 1.2 | 0.32 | 1 | 10/16/20 07:47 | 10/16/20 20:01 | 7440-02-0 | |
| Selenium | <1.6 | mg/kg | 4.8 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 20:01 | 7782-49-2 | |
| Silver | <0.37 | mg/kg | 1.2 | 0.37 | 1 | 10/16/20 07:47 | 10/16/20 20:01 | 7440-22-4 | |
| Thallium | 0.96J | mg/kg | 4.8 | 0.93 | 1 | 10/16/20 07:47 | 10/16/20 20:01 | 7440-28-0 | |
| Zinc | 172 | mg/kg | 4.8 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 20:01 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.031J | mg/kg | 0.043 | 0.012 | 1 | 10/15/20 09:55 | 10/15/20 13:49 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <775 | ug/kg | 2580 | 775 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 83-32-9 | |
| Acenaphthylene | <779 | ug/kg | 2600 | 779 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 208-96-8 | |
| Anthracene | <349 | ug/kg | 1160 | 349 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 120-12-7 | |
| Benzo(a)anthracene | <338 | ug/kg | 1130 | 338 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 56-55-3 | |
| Benzo(a)pyrene | <329 | ug/kg | 1100 | 329 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 50-32-8 | |
| Benzo(b)fluoranthene | <375 | ug/kg | 1250 | 375 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 205-99-2 | |
| Benzo(g,h,i)perylene | <571 | ug/kg | 1900 | 571 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 191-24-2 | |
| Benzo(k)fluoranthene | <523 | ug/kg | 1740 | 523 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 207-08-9 | |
| Chrysene | <327 | ug/kg | 1090 | 327 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 218-01-9 | |
| Dibenz(a,h)anthracene | <593 | ug/kg | 1980 | 593 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 53-70-3 | |
| 1,4-Dioxane (p-Dioxane) | <1180 | ug/kg | 3950 | 1180 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 123-91-1 | |
| Fluoranthene | <309 | ug/kg | 1030 | 309 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 206-44-0 | |
| Fluorene | <255 | ug/kg | 851 | 255 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <473 | ug/kg | 1580 | 473 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 193-39-5 | |
| 1-Methylnaphthalene | <622 | ug/kg | 2070 | 622 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <567 | ug/kg | 1890 | 567 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 91-57-6 | |
| Naphthalene | <764 | ug/kg | 2550 | 764 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 91-20-3 | |
| Pentachlorophenol | <481 | ug/kg | 1600 | 481 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 87-86-5 | |
| Phenanthrene | <280 | ug/kg | 934 | 280 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 85-01-8 | |
| Pyrene | <484 | ug/kg | 1610 | 484 | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 39 | % | 17-110 | | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 61 | % | 45-103 | | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 321-60-8 | |
| Terphenyl-d14 (S) | 57 | % | 46-100 | | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 44 | % | 10-153 | | 10 | 10/15/20 13:31 | 10/19/20 10:24 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-15 (0'-4')** Lab ID: **40216442015** Collected: 10/12/20 16:45 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-15 (0'-4') **Lab ID: 40216442015** Collected: 10/12/20 16:45 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 97 | % | 58-145 | | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 1868-53-7 | |
| Toluene-d8 (S) | 107 | % | 56-140 | | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 98 | % | 52-137 | | 1 | 10/16/20 08:30 | 10/16/20 22:11 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 23.5 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-15 (8'-12') **Lab ID: 40216442016** Collected: 10/12/20 16:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.79 | mg/kg | 2.0 | 0.79 | 1 | 10/16/20 07:47 | 10/16/20 20:03 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.5 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 20:03 | 7440-38-2 | |
| Beryllium | 0.29J | mg/kg | 0.40 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 20:03 | 7440-41-7 | |
| Cadmium | <0.13 | mg/kg | 0.50 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 20:03 | 7440-43-9 | |
| Chromium | 11.7 | mg/kg | 0.99 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 20:03 | 7440-47-3 | |
| Copper | 13.4 | mg/kg | 0.99 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 20:03 | 7440-50-8 | |
| Lead | 4.8 | mg/kg | 2.0 | 0.59 | 1 | 10/16/20 07:47 | 10/16/20 20:03 | 7439-92-1 | |
| Nickel | 11.1 | mg/kg | 0.99 | 0.26 | 1 | 10/16/20 07:47 | 10/16/20 20:03 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 4.0 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 20:03 | 7782-49-2 | |
| Silver | <0.30 | mg/kg | 0.99 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 20:03 | 7440-22-4 | |
| Thallium | <0.77 | mg/kg | 4.0 | 0.77 | 1 | 10/16/20 07:47 | 10/16/20 20:03 | 7440-28-0 | |
| Zinc | 34.3 | mg/kg | 4.0 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 20:03 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.010 | mg/kg | 0.035 | 0.010 | 1 | 10/15/20 09:55 | 10/15/20 13:51 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <62.0 | ug/kg | 207 | 62.0 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 83-32-9 | |
| Acenaphthylene | <62.4 | ug/kg | 208 | 62.4 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 208-96-8 | |
| Anthracene | <27.9 | ug/kg | 93.1 | 27.9 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 120-12-7 | |
| Benzo(a)anthracene | <27.1 | ug/kg | 90.3 | 27.1 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 56-55-3 | |
| Benzo(a)pyrene | <26.3 | ug/kg | 87.7 | 26.3 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 50-32-8 | |
| Benzo(b)fluoranthene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 205-99-2 | |
| Benzo(g,h,i)perylene | <45.7 | ug/kg | 152 | 45.7 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 191-24-2 | |
| Benzo(k)fluoranthene | <41.9 | ug/kg | 140 | 41.9 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 207-08-9 | |
| Chrysene | <26.1 | ug/kg | 87.1 | 26.1 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 218-01-9 | |
| Dibenz(a,h)anthracene | <47.5 | ug/kg | 158 | 47.5 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 53-70-3 | |
| 1,4-Dioxane (p-Dioxane) | <94.8 | ug/kg | 316 | 94.8 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 123-91-1 | |
| Fluoranthene | <24.7 | ug/kg | 82.5 | 24.7 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 206-44-0 | |
| Fluorene | <20.4 | ug/kg | 68.1 | 20.4 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <37.8 | ug/kg | 126 | 37.8 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 193-39-5 | |
| 1-Methylnaphthalene | <49.8 | ug/kg | 166 | 49.8 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 90-12-0 | |
| 2-Methylnaphthalene | <45.4 | ug/kg | 151 | 45.4 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 91-57-6 | |
| Naphthalene | <61.1 | ug/kg | 204 | 61.1 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 91-20-3 | |
| Pentachlorophenol | <38.5 | ug/kg | 128 | 38.5 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 87-86-5 | |
| Phenanthrene | <22.4 | ug/kg | 74.8 | 22.4 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 85-01-8 | |
| Pyrene | <38.8 | ug/kg | 129 | 38.8 | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 77 | % | 17-110 | | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 91 | % | 45-103 | | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 321-60-8 | |
| Terphenyl-d14 (S) | 102 | % | 46-100 | | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 1718-51-0 | S3 |
| 2,4,6-Tribromophenol (S) | 86 | % | 10-153 | | 1 | 10/15/20 13:31 | 10/19/20 10:45 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-15 (8'-12')** Lab ID: **40216442016** Collected: 10/12/20 16:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 1634-04-4 | W |
| Naphthalene | 29.2J | ug/kg | 95.3 | 28.6 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 91-20-3 | |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-15 (8'-12') **Lab ID: 40216442016** Collected: 10/12/20 16:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 105 | % | 58-145 | | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 1868-53-7 | |
| Toluene-d8 (S) | 117 | % | 56-140 | | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 109 | % | 52-137 | | 1 | 10/16/20 08:30 | 10/16/20 22:33 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 4.5 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-16 (0'-4') **Lab ID: 40216442017** Collected: 10/12/20 12:10 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.88 | mg/kg | 2.2 | 0.88 | 1 | 10/16/20 07:47 | 10/16/20 20:06 | 7440-36-0 | |
| Arsenic | <1.6 | mg/kg | 2.8 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 20:06 | 7440-38-2 | |
| Beryllium | 0.53 | mg/kg | 0.44 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 20:06 | 7440-41-7 | |
| Cadmium | <0.15 | mg/kg | 0.55 | 0.15 | 1 | 10/16/20 07:47 | 10/16/20 20:06 | 7440-43-9 | |
| Chromium | 7.7 | mg/kg | 1.1 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 20:06 | 7440-47-3 | |
| Copper | 7.1 | mg/kg | 1.1 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 20:06 | 7440-50-8 | |
| Lead | 13.1 | mg/kg | 2.2 | 0.66 | 1 | 10/16/20 07:47 | 10/16/20 20:06 | 7439-92-1 | |
| Nickel | 6.8 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 20:06 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.4 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 20:06 | 7782-49-2 | |
| Silver | <0.34 | mg/kg | 1.1 | 0.34 | 1 | 10/16/20 07:47 | 10/16/20 20:06 | 7440-22-4 | |
| Thallium | 1.2J | mg/kg | 4.4 | 0.86 | 1 | 10/16/20 07:47 | 10/16/20 20:06 | 7440-28-0 | |
| Zinc | 39.0 | mg/kg | 4.4 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 20:06 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.011 | mg/kg | 0.038 | 0.011 | 1 | 10/15/20 09:55 | 10/15/20 13:53 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <328 | ug/kg | 1090 | 328 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 83-32-9 | |
| Acenaphthylene | <330 | ug/kg | 1100 | 330 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 208-96-8 | |
| Anthracene | <148 | ug/kg | 492 | 148 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 120-12-7 | |
| Benzo(a)anthracene | <143 | ug/kg | 477 | 143 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 56-55-3 | |
| Benzo(a)pyrene | <139 | ug/kg | 463 | 139 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 50-32-8 | |
| Benzo(b)fluoranthene | <159 | ug/kg | 529 | 159 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 205-99-2 | |
| Benzo(g,h,i)perylene | <242 | ug/kg | 806 | 242 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 191-24-2 | |
| Benzo(k)fluoranthene | <221 | ug/kg | 738 | 221 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 207-08-9 | |
| Chrysene | <138 | ug/kg | 461 | 138 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 218-01-9 | |
| Dibenz(a,h)anthracene | <251 | ug/kg | 837 | 251 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 53-70-3 | |
| Fluoranthene | <131 | ug/kg | 436 | 131 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 206-44-0 | |
| Fluorene | <108 | ug/kg | 360 | 108 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <200 | ug/kg | 666 | 200 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 193-39-5 | |
| 1-Methylnaphthalene | <263 | ug/kg | 877 | 263 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <240 | ug/kg | 800 | 240 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 91-57-6 | |
| Naphthalene | <323 | ug/kg | 1080 | 323 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 91-20-3 | |
| Pentachlorophenol | <204 | ug/kg | 678 | 204 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 87-86-5 | |
| Phenanthrene | <119 | ug/kg | 395 | 119 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 85-01-8 | |
| Pyrene | <205 | ug/kg | 683 | 205 | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 50 | % | 17-110 | | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 63 | % | 45-103 | | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 321-60-8 | |
| Terphenyl-d14 (S) | 74 | % | 46-100 | | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 73 | % | 10-153 | | 5 | 10/15/20 13:31 | 10/19/20 13:12 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-16 (0'-4')** Lab ID: **40216442017** Collected: 10/12/20 12:10 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-16 (0'-4') **Lab ID: 40216442017** Collected: 10/12/20 12:10 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 102 | % | 58-145 | | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 1868-53-7 | |
| Toluene-d8 (S) | 111 | % | 56-140 | | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 102 | % | 52-137 | | 1 | 10/16/20 08:30 | 10/16/20 22:56 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 9.7 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-16 (8'-12') **Lab ID: 40216442018** Collected: 10/12/20 12:15 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.82 | mg/kg | 2.1 | 0.82 | 1 | 10/16/20 07:47 | 10/16/20 20:08 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.6 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 20:08 | 7440-38-2 | |
| Beryllium | 0.31J | mg/kg | 0.41 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 20:08 | 7440-41-7 | |
| Cadmium | <0.14 | mg/kg | 0.51 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 20:08 | 7440-43-9 | |
| Chromium | 8.0 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 20:08 | 7440-47-3 | |
| Copper | 13.1 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 20:08 | 7440-50-8 | |
| Lead | 6.3 | mg/kg | 2.1 | 0.61 | 1 | 10/16/20 07:47 | 10/16/20 20:08 | 7439-92-1 | |
| Nickel | 7.9 | mg/kg | 1.0 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 20:08 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 4.1 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 20:08 | 7782-49-2 | |
| Silver | <0.31 | mg/kg | 1.0 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 20:08 | 7440-22-4 | |
| Thallium | <0.79 | mg/kg | 4.1 | 0.79 | 1 | 10/16/20 07:47 | 10/16/20 20:08 | 7440-28-0 | |
| Zinc | 24.4 | mg/kg | 4.1 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 20:08 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.010 | mg/kg | 0.036 | 0.010 | 1 | 10/15/20 09:55 | 10/15/20 13:56 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <63.2 | ug/kg | 211 | 63.2 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 83-32-9 | |
| Acenaphthylene | <63.5 | ug/kg | 212 | 63.5 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 208-96-8 | |
| Anthracene | <28.5 | ug/kg | 94.9 | 28.5 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 120-12-7 | |
| Benzo(a)anthracene | <27.6 | ug/kg | 92.0 | 27.6 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 56-55-3 | |
| Benzo(a)pyrene | <26.8 | ug/kg | 89.3 | 26.8 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 50-32-8 | |
| Benzo(b)fluoranthene | <30.6 | ug/kg | 102 | 30.6 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 205-99-2 | |
| Benzo(g,h,i)perylene | <46.6 | ug/kg | 155 | 46.6 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 191-24-2 | |
| Benzo(k)fluoranthene | <42.6 | ug/kg | 142 | 42.6 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 207-08-9 | |
| Chrysene | <26.6 | ug/kg | 88.8 | 26.6 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 218-01-9 | |
| Dibenz(a,h)anthracene | <48.4 | ug/kg | 161 | 48.4 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 53-70-3 | |
| Fluoranthene | <25.2 | ug/kg | 84.0 | 25.2 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 206-44-0 | |
| Fluorene | <20.8 | ug/kg | 69.4 | 20.8 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <38.5 | ug/kg | 128 | 38.5 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 193-39-5 | |
| 1-Methylnaphthalene | <50.7 | ug/kg | 169 | 50.7 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 90-12-0 | |
| 2-Methylnaphthalene | <46.3 | ug/kg | 154 | 46.3 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 91-57-6 | |
| Naphthalene | <62.3 | ug/kg | 208 | 62.3 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 91-20-3 | |
| Pentachlorophenol | <39.2 | ug/kg | 131 | 39.2 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 87-86-5 | |
| Phenanthrene | <22.9 | ug/kg | 76.2 | 22.9 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 85-01-8 | |
| Pyrene | <39.5 | ug/kg | 132 | 39.5 | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 47 | % | 17-110 | | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 58 | % | 45-103 | | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 321-60-8 | |
| Terphenyl-d14 (S) | 77 | % | 46-100 | | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 66 | % | 10-153 | | 1 | 10/15/20 13:31 | 10/16/20 16:28 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-16 (8'-12')** Lab ID: **40216442018** Collected: 10/12/20 12:15 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-16 (8'-12') **Lab ID: 40216442018** Collected: 10/12/20 12:15 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 630-20-6 | W |
| 1,1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 94 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 1868-53-7 | |
| Toluene-d8 (S) | 101 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 94 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 20:54 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 6.3 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-17 (0'-4') **Lab ID: 40216442019** Collected: 10/12/20 12:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|-----------------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | 1.2J | mg/kg | 2.0 | 0.81 | 1 | 10/16/20 07:47 | 10/16/20 20:15 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.5 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 20:15 | 7440-38-2 | |
| Beryllium | 0.13J | mg/kg | 0.40 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 20:15 | 7440-41-7 | |
| Cadmium | 0.21J | mg/kg | 0.51 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 20:15 | 7440-43-9 | |
| Chromium | 8.1 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 20:15 | 7440-47-3 | |
| Copper | 16.8 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 20:15 | 7440-50-8 | |
| Lead | 34.5 | mg/kg | 2.0 | 0.61 | 1 | 10/16/20 07:47 | 10/19/20 13:43 | 7439-92-1 | |
| Nickel | 8.5 | mg/kg | 1.0 | 0.27 | 1 | 10/16/20 07:47 | 10/19/20 13:43 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 4.0 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 20:15 | 7782-49-2 | |
| Silver | <0.31 | mg/kg | 1.0 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 20:15 | 7440-22-4 | |
| Thallium | <0.78 | mg/kg | 4.0 | 0.78 | 1 | 10/16/20 07:47 | 10/16/20 20:15 | 7440-28-0 | |
| Zinc | 44.7 | mg/kg | 4.0 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 20:15 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.028J | mg/kg | 0.034 | 0.0099 | 1 | 10/15/20 09:55 | 10/15/20 13:58 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <62.1 | ug/kg | 207 | 62.1 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 83-32-9 | |
| Acenaphthylene | <62.5 | ug/kg | 208 | 62.5 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 208-96-8 | |
| Anthracene | <28.0 | ug/kg | 93.3 | 28.0 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 120-12-7 | |
| Benzo(a)anthracene | <27.1 | ug/kg | 90.4 | 27.1 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 56-55-3 | |
| Benzo(a)pyrene | <26.4 | ug/kg | 87.9 | 26.4 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 50-32-8 | |
| Benzo(b)fluoranthene | <30.1 | ug/kg | 100 | 30.1 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 205-99-2 | |
| Benzo(g,h,i)perylene | <45.8 | ug/kg | 153 | 45.8 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 191-24-2 | |
| Benzo(k)fluoranthene | <41.9 | ug/kg | 140 | 41.9 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 207-08-9 | |
| Chrysene | <26.2 | ug/kg | 87.3 | 26.2 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 218-01-9 | |
| Dibenz(a,h)anthracene | <47.6 | ug/kg | 159 | 47.6 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 53-70-3 | |
| Fluoranthene | 40.5J | ug/kg | 82.6 | 24.8 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 206-44-0 | |
| Fluorene | <20.5 | ug/kg | 68.3 | 20.5 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <37.9 | ug/kg | 126 | 37.9 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 193-39-5 | |
| 1-Methylnaphthalene | <49.9 | ug/kg | 166 | 49.9 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 90-12-0 | |
| 2-Methylnaphthalene | <45.5 | ug/kg | 152 | 45.5 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 91-57-6 | |
| Naphthalene | <61.3 | ug/kg | 204 | 61.3 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 91-20-3 | |
| Pentachlorophenol | <38.6 | ug/kg | 129 | 38.6 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 87-86-5 | |
| Phenanthrene | 32.5J | ug/kg | 74.9 | 22.5 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 85-01-8 | |
| Pyrene | <38.8 | ug/kg | 129 | 38.8 | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 59 | % | 17-110 | | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 74 | % | 45-103 | | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 321-60-8 | |
| Terphenyl-d14 (S) | 75 | % | 46-100 | | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 61 | % | 10-153 | | 1 | 10/15/20 13:31 | 10/16/20 16:49 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-17 (0'-4')** Lab ID: **40216442019** Collected: 10/12/20 12:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-17 (0'-4') Lab ID: 40216442019 Collected: 10/12/20 12:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 103 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 1868-53-7 | |
| Toluene-d8 (S) | 106 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 100 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 21:21 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 4.6 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-17 (8'-12') Lab ID: 40216442020 Collected: 10/12/20 12:40 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | 3.7 | mg/kg | 3.4 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 20:18 | 7440-36-0 | |
| Arsenic | <2.5 | mg/kg | 4.3 | 2.5 | 1 | 10/16/20 07:47 | 10/16/20 20:18 | 7440-38-2 | |
| Beryllium | <0.20 | mg/kg | 0.68 | 0.20 | 1 | 10/16/20 07:47 | 10/16/20 20:18 | 7440-41-7 | |
| Cadmium | 0.25J | mg/kg | 0.85 | 0.23 | 1 | 10/16/20 07:47 | 10/16/20 20:18 | 7440-43-9 | |
| Chromium | 3.2J | mg/kg | 3.4 | 0.95 | 2 | 10/16/20 07:47 | 10/19/20 13:46 | 7440-47-3 | D3 |
| Copper | 54.6 | mg/kg | 1.7 | 0.47 | 1 | 10/16/20 07:47 | 10/16/20 20:18 | 7440-50-8 | |
| Lead | 65.1 | mg/kg | 6.8 | 2.0 | 2 | 10/16/20 07:47 | 10/19/20 13:46 | 7439-92-1 | |
| Nickel | 7.5 | mg/kg | 1.7 | 0.45 | 1 | 10/16/20 07:47 | 10/19/20 13:48 | 7440-02-0 | |
| Selenium | <2.2 | mg/kg | 6.8 | 2.2 | 1 | 10/16/20 07:47 | 10/16/20 20:18 | 7782-49-2 | |
| Silver | <0.52 | mg/kg | 1.7 | 0.52 | 1 | 10/16/20 07:47 | 10/16/20 20:18 | 7440-22-4 | |
| Thallium | <2.6 | mg/kg | 13.6 | 2.6 | 2 | 10/16/20 07:47 | 10/19/20 13:46 | 7440-28-0 | D3 |
| Zinc | 84.9 | mg/kg | 6.8 | 2.0 | 1 | 10/16/20 07:47 | 10/16/20 20:18 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.016 | mg/kg | 0.054 | 0.016 | 1 | 10/15/20 09:55 | 10/15/20 14:00 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <407 | ug/kg | 1360 | 407 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 83-32-9 | |
| Acenaphthylene | <409 | ug/kg | 1360 | 409 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 208-96-8 | |
| Anthracene | <183 | ug/kg | 611 | 183 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 120-12-7 | |
| Benzo(a)anthracene | <178 | ug/kg | 593 | 178 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 56-55-3 | |
| Benzo(a)pyrene | <173 | ug/kg | 576 | 173 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 50-32-8 | |
| Benzo(b)fluoranthene | <197 | ug/kg | 657 | 197 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 205-99-2 | |
| Benzo(g,h,i)perylene | <300 | ug/kg | 1000 | 300 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 191-24-2 | |
| Benzo(k)fluoranthene | <275 | ug/kg | 916 | 275 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 207-08-9 | |
| Chrysene | <172 | ug/kg | 572 | 172 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 218-01-9 | |
| Dibenz(a,h)anthracene | <312 | ug/kg | 1040 | 312 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 53-70-3 | |
| Fluoranthene | <162 | ug/kg | 541 | 162 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 206-44-0 | |
| Fluorene | <134 | ug/kg | 447 | 134 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <248 | ug/kg | 828 | 248 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 193-39-5 | |
| 1-Methylnaphthalene | <327 | ug/kg | 1090 | 327 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <298 | ug/kg | 993 | 298 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 91-57-6 | |
| Naphthalene | <401 | ug/kg | 1340 | 401 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 91-20-3 | |
| Pentachlorophenol | <253 | ug/kg | 843 | 253 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 87-86-5 | |
| Phenanthrene | <147 | ug/kg | 491 | 147 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 85-01-8 | |
| Pyrene | <254 | ug/kg | 848 | 254 | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 41 | % | 17-110 | | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 46 | % | 45-103 | | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 321-60-8 | |
| Terphenyl-d14 (S) | 54 | % | 46-100 | | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 42 | % | 10-153 | | 4 | 10/15/20 13:31 | 10/19/20 11:28 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-17 (8'-12')** Lab ID: **40216442020** Collected: 10/12/20 12:40 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-17 (8'-12') Lab ID: 40216442020 Collected: 10/12/20 12:40 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 97 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 1868-53-7 | |
| Toluene-d8 (S) | 102 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 96 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 15:29 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 41.9 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-18 (0.5'-4') **Lab ID: 40216442021** Collected: 10/12/20 11:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.92 | mg/kg | 2.3 | 0.92 | 1 | 10/16/20 07:47 | 10/16/20 17:56 | 7440-36-0 | |
| Arsenic | <1.7 | mg/kg | 2.9 | 1.7 | 1 | 10/16/20 07:47 | 10/16/20 17:56 | 7440-38-2 | |
| Beryllium | 0.37J | mg/kg | 0.46 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 17:56 | 7440-41-7 | |
| Cadmium | <0.15 | mg/kg | 0.58 | 0.15 | 1 | 10/16/20 07:47 | 10/16/20 17:56 | 7440-43-9 | |
| Chromium | 9.7 | mg/kg | 1.2 | 0.32 | 1 | 10/16/20 07:47 | 10/16/20 17:56 | 7440-47-3 | |
| Copper | 7.6 | mg/kg | 1.2 | 0.32 | 1 | 10/16/20 07:47 | 10/16/20 17:56 | 7440-50-8 | |
| Lead | 20.2 | mg/kg | 2.3 | 0.69 | 1 | 10/16/20 07:47 | 10/16/20 17:56 | 7439-92-1 | |
| Nickel | 4.7 | mg/kg | 1.2 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 17:56 | 7440-02-0 | |
| Selenium | <1.5 | mg/kg | 4.6 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 17:56 | 7782-49-2 | |
| Silver | <0.35 | mg/kg | 1.2 | 0.35 | 1 | 10/16/20 07:47 | 10/16/20 17:56 | 7440-22-4 | |
| Thallium | 1.1J | mg/kg | 4.6 | 0.89 | 1 | 10/16/20 07:47 | 10/16/20 17:56 | 7440-28-0 | |
| Zinc | 49.1 | mg/kg | 4.6 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 17:56 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.018J | mg/kg | 0.039 | 0.011 | 1 | 10/15/20 09:55 | 10/15/20 14:02 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <68.2 | ug/kg | 227 | 68.2 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 83-32-9 | |
| Acenaphthylene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 208-96-8 | |
| Anthracene | <30.8 | ug/kg | 103 | 30.8 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 120-12-7 | |
| Benzo(a)anthracene | 79.6J | ug/kg | 99.4 | 29.8 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 56-55-3 | |
| Benzo(a)pyrene | 91.8J | ug/kg | 96.5 | 29.0 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 50-32-8 | |
| Benzo(b)fluoranthene | 119 | ug/kg | 110 | 33.1 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 205-99-2 | |
| Benzo(g,h,i)perylene | 105J | ug/kg | 168 | 50.4 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 191-24-2 | |
| Benzo(k)fluoranthene | 47.9J | ug/kg | 154 | 46.1 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 207-08-9 | |
| Chrysene | 108 | ug/kg | 95.9 | 28.8 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 218-01-9 | |
| Dibenz(a,h)anthracene | <52.3 | ug/kg | 174 | 52.3 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 53-70-3 | |
| Fluoranthene | 198 | ug/kg | 90.8 | 27.2 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 206-44-0 | |
| Fluorene | <22.5 | ug/kg | 75.0 | 22.5 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | 70.9J | ug/kg | 139 | 41.6 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 193-39-5 | |
| 1-Methylnaphthalene | <54.8 | ug/kg | 183 | 54.8 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 90-12-0 | |
| 2-Methylnaphthalene | <50.0 | ug/kg | 167 | 50.0 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 91-57-6 | |
| Naphthalene | <67.3 | ug/kg | 224 | 67.3 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 91-20-3 | |
| Pentachlorophenol | <42.4 | ug/kg | 141 | 42.4 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 87-86-5 | |
| Phenanthrene | 111 | ug/kg | 82.3 | 24.7 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 85-01-8 | |
| Pyrene | 171 | ug/kg | 142 | 42.7 | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 58 | % | 17-110 | | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 65 | % | 45-103 | | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 321-60-8 | |
| Terphenyl-d14 (S) | 78 | % | 46-100 | | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 77 | % | 10-153 | | 1 | 10/15/20 13:31 | 10/16/20 18:13 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-18 (0.5'-4')** Lab ID: **40216442021** Collected: 10/12/20 11:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-18 (0.5'-4') **Lab ID: 40216442021** Collected: 10/12/20 11:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 91 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 1868-53-7 | |
| Toluene-d8 (S) | 97 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 92 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 15:56 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 13.4 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-18 (10'-12') **Lab ID: 40216442022** Collected: 10/12/20 12:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.82 | mg/kg | 2.0 | 0.82 | 1 | 10/16/20 07:47 | 10/16/20 18:05 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.6 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 18:05 | 7440-38-2 | |
| Beryllium | 0.15J | mg/kg | 0.41 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 18:05 | 7440-41-7 | |
| Cadmium | <0.14 | mg/kg | 0.51 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 18:05 | 7440-43-9 | |
| Chromium | 4.3 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:05 | 7440-47-3 | |
| Copper | 7.0 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:05 | 7440-50-8 | |
| Lead | 0.71J | mg/kg | 2.0 | 0.61 | 1 | 10/16/20 07:47 | 10/16/20 18:05 | 7439-92-1 | |
| Nickel | 4.5 | mg/kg | 1.0 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 18:05 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 4.1 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:05 | 7782-49-2 | |
| Silver | <0.31 | mg/kg | 1.0 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 18:05 | 7440-22-4 | |
| Thallium | 0.90J | mg/kg | 4.1 | 0.79 | 1 | 10/16/20 07:47 | 10/16/20 18:05 | 7440-28-0 | |
| Zinc | 7.3 | mg/kg | 4.1 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 18:05 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.0099 | mg/kg | 0.035 | 0.0099 | 1 | 10/15/20 09:55 | 10/15/20 14:09 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <62.7 | ug/kg | 209 | 62.7 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 83-32-9 | |
| Acenaphthylene | <63.0 | ug/kg | 210 | 63.0 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 208-96-8 | |
| Anthracene | <28.2 | ug/kg | 94.1 | 28.2 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 120-12-7 | |
| Benzo(a)anthracene | <27.4 | ug/kg | 91.2 | 27.4 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 56-55-3 | |
| Benzo(a)pyrene | <26.6 | ug/kg | 88.6 | 26.6 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 50-32-8 | |
| Benzo(b)fluoranthene | <30.4 | ug/kg | 101 | 30.4 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 205-99-2 | |
| Benzo(g,h,i)perylene | <46.2 | ug/kg | 154 | 46.2 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 191-24-2 | |
| Benzo(k)fluoranthene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 207-08-9 | |
| Chrysene | <26.4 | ug/kg | 88.1 | 26.4 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 218-01-9 | |
| Dibenz(a,h)anthracene | <48.0 | ug/kg | 160 | 48.0 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 53-70-3 | |
| Fluoranthene | <25.0 | ug/kg | 83.3 | 25.0 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 206-44-0 | |
| Fluorene | <20.7 | ug/kg | 68.8 | 20.7 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <38.2 | ug/kg | 127 | 38.2 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 193-39-5 | |
| 1-Methylnaphthalene | <50.3 | ug/kg | 168 | 50.3 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 90-12-0 | |
| 2-Methylnaphthalene | <45.9 | ug/kg | 153 | 45.9 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 91-57-6 | |
| Naphthalene | <61.8 | ug/kg | 206 | 61.8 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 91-20-3 | |
| Pentachlorophenol | <38.9 | ug/kg | 130 | 38.9 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 87-86-5 | |
| Phenanthrene | <22.7 | ug/kg | 75.6 | 22.7 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 85-01-8 | |
| Pyrene | <39.2 | ug/kg | 131 | 39.2 | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 51 | % | 17-110 | | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 69 | % | 45-103 | | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 321-60-8 | |
| Terphenyl-d14 (S) | 76 | % | 46-100 | | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 64 | % | 10-153 | | 1 | 10/15/20 13:31 | 10/16/20 12:35 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-18 (10'-12')** Lab ID: **40216442022** Collected: 10/12/20 12:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-18 (10'-12')** Lab ID: **40216442022** Collected: 10/12/20 12:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 93 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 1868-53-7 | |
| Toluene-d8 (S) | 97 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 89 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 16:23 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 5.4 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-19 (0.5'-4') **Lab ID: 40216442023** Collected: 10/12/20 16:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.80 | mg/kg | 2.0 | 0.80 | 1 | 10/16/20 07:47 | 10/16/20 18:10 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.5 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 18:10 | 7440-38-2 | |
| Beryllium | 0.27J | mg/kg | 0.40 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 18:10 | 7440-41-7 | |
| Cadmium | <0.13 | mg/kg | 0.50 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 18:10 | 7440-43-9 | |
| Chromium | 9.2 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:10 | 7440-47-3 | |
| Copper | 10.3 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:10 | 7440-50-8 | |
| Lead | 4.5 | mg/kg | 2.0 | 0.60 | 1 | 10/16/20 07:47 | 10/16/20 18:10 | 7439-92-1 | |
| Nickel | 8.3 | mg/kg | 1.0 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 18:10 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 4.0 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:10 | 7782-49-2 | |
| Silver | <0.31 | mg/kg | 1.0 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 18:10 | 7440-22-4 | |
| Thallium | <0.78 | mg/kg | 4.0 | 0.78 | 1 | 10/16/20 07:47 | 10/16/20 18:10 | 7440-28-0 | |
| Zinc | 25.0 | mg/kg | 4.0 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 18:10 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.0097 | mg/kg | 0.034 | 0.0097 | 1 | 10/15/20 09:55 | 10/15/20 14:12 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <62.2 | ug/kg | 207 | 62.2 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 83-32-9 | |
| Acenaphthylene | <62.6 | ug/kg | 209 | 62.6 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 208-96-8 | |
| Anthracene | <28.0 | ug/kg | 93.4 | 28.0 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 120-12-7 | |
| Benzo(a)anthracene | <27.2 | ug/kg | 90.5 | 27.2 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 56-55-3 | |
| Benzo(a)pyrene | <26.4 | ug/kg | 88.0 | 26.4 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 50-32-8 | |
| Benzo(b)fluoranthene | <30.1 | ug/kg | 100 | 30.1 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 205-99-2 | |
| Benzo(g,h,i)perylene | 50.9J | ug/kg | 153 | 45.9 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 191-24-2 | |
| Benzo(k)fluoranthene | <42.0 | ug/kg | 140 | 42.0 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 207-08-9 | |
| Chrysene | <26.2 | ug/kg | 87.4 | 26.2 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 218-01-9 | |
| Dibenz(a,h)anthracene | <47.6 | ug/kg | 159 | 47.6 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 53-70-3 | |
| 1,4-Dioxane (p-Dioxane) | <95.1 | ug/kg | 317 | 95.1 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 123-91-1 | |
| Fluoranthene | <24.8 | ug/kg | 82.7 | 24.8 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 206-44-0 | |
| Fluorene | <20.5 | ug/kg | 68.3 | 20.5 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <37.9 | ug/kg | 126 | 37.9 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 193-39-5 | |
| 1-Methylnaphthalene | <49.9 | ug/kg | 166 | 49.9 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 90-12-0 | |
| 2-Methylnaphthalene | <45.5 | ug/kg | 152 | 45.5 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 91-57-6 | |
| Naphthalene | <61.3 | ug/kg | 204 | 61.3 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 91-20-3 | |
| Pentachlorophenol | <38.6 | ug/kg | 129 | 38.6 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 87-86-5 | |
| Phenanthrene | <22.5 | ug/kg | 75.0 | 22.5 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 85-01-8 | |
| Pyrene | <38.9 | ug/kg | 130 | 38.9 | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 61 | % | 17-110 | | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 72 | % | 45-103 | | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 321-60-8 | |
| Terphenyl-d14 (S) | 82 | % | 46-100 | | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 72 | % | 10-153 | | 1 | 10/15/20 13:31 | 10/19/20 11:07 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-19 (0.5'-4')** Lab ID: **40216442023** Collected: 10/12/20 16:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-19 (0.5'-4')** Lab ID: **40216442023** Collected: 10/12/20 16:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 96 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 1868-53-7 | |
| Toluene-d8 (S) | 103 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 97 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 16:50 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 4.8 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-19 (8'-12')** Lab ID: **40216442024** Collected: 10/12/20 16:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.78 | mg/kg | 2.0 | 0.78 | 1 | 10/16/20 07:47 | 10/16/20 18:12 | 7440-36-0 | |
| Arsenic | <1.4 | mg/kg | 2.4 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 18:12 | 7440-38-2 | |
| Beryllium | 0.17J | mg/kg | 0.39 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 18:12 | 7440-41-7 | |
| Cadmium | <0.13 | mg/kg | 0.49 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 18:12 | 7440-43-9 | |
| Chromium | 10.2 | mg/kg | 0.98 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 18:12 | 7440-47-3 | |
| Copper | 8.9 | mg/kg | 0.98 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 18:12 | 7440-50-8 | |
| Lead | 1.5J | mg/kg | 2.0 | 0.59 | 1 | 10/16/20 07:47 | 10/16/20 18:12 | 7439-92-1 | |
| Nickel | 7.6 | mg/kg | 0.98 | 0.26 | 1 | 10/16/20 07:47 | 10/16/20 18:12 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 3.9 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:12 | 7782-49-2 | |
| Silver | <0.30 | mg/kg | 0.98 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 18:12 | 7440-22-4 | |
| Thallium | <0.76 | mg/kg | 3.9 | 0.76 | 1 | 10/16/20 07:47 | 10/16/20 18:12 | 7440-28-0 | |
| Zinc | 13.1 | mg/kg | 3.9 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 18:12 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.0093 | mg/kg | 0.032 | 0.0093 | 1 | 10/15/20 09:55 | 10/15/20 14:14 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <60.6 | ug/kg | 202 | 60.6 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 83-32-9 | |
| Acenaphthylene | <61.0 | ug/kg | 203 | 61.0 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 208-96-8 | |
| Anthracene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 120-12-7 | |
| Benzo(a)anthracene | <26.5 | ug/kg | 88.2 | 26.5 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 56-55-3 | |
| Benzo(a)pyrene | <25.7 | ug/kg | 85.7 | 25.7 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 50-32-8 | |
| Benzo(b)fluoranthene | <29.4 | ug/kg | 97.9 | 29.4 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 205-99-2 | |
| Benzo(g,h,i)perylene | <44.7 | ug/kg | 149 | 44.7 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 191-24-2 | |
| Benzo(k)fluoranthene | <40.9 | ug/kg | 136 | 40.9 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 207-08-9 | |
| Chrysene | <25.6 | ug/kg | 85.2 | 25.6 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 218-01-9 | |
| Dibenz(a,h)anthracene | <46.4 | ug/kg | 155 | 46.4 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 53-70-3 | |
| 1,4-Dioxane (p-Dioxane) | <92.7 | ug/kg | 309 | 92.7 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 123-91-1 | |
| Fluoranthene | <24.2 | ug/kg | 80.6 | 24.2 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 206-44-0 | |
| Fluorene | <20.0 | ug/kg | 66.6 | 20.0 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <37.0 | ug/kg | 123 | 37.0 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 193-39-5 | |
| 1-Methylnaphthalene | <48.7 | ug/kg | 162 | 48.7 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 90-12-0 | |
| 2-Methylnaphthalene | <44.4 | ug/kg | 148 | 44.4 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 91-57-6 | |
| Naphthalene | <59.8 | ug/kg | 199 | 59.8 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 91-20-3 | |
| Pentachlorophenol | <37.6 | ug/kg | 125 | 37.6 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 87-86-5 | |
| Phenanthrene | <21.9 | ug/kg | 73.1 | 21.9 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 85-01-8 | |
| Pyrene | <37.9 | ug/kg | 126 | 37.9 | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 56 | % | 17-110 | | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 77 | % | 45-103 | | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 321-60-8 | |
| Terphenyl-d14 (S) | 89 | % | 46-100 | | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 67 | % | 10-153 | | 1 | 10/15/20 13:31 | 10/16/20 17:10 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-19 (8'-12')** Lab ID: **40216442024** Collected: 10/12/20 16:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-19 (8'-12')** Lab ID: **40216442024** Collected: 10/12/20 16:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 99 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 1868-53-7 | |
| Toluene-d8 (S) | 106 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 98 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 17:17 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 2.4 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-5 (0'-4') **Lab ID: 40216442025** Collected: 10/13/20 09:15 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.88 | mg/kg | 2.2 | 0.88 | 1 | 10/16/20 07:47 | 10/16/20 18:19 | 7440-36-0 | |
| Arsenic | <1.6 | mg/kg | 2.8 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 18:19 | 7440-38-2 | |
| Beryllium | 0.33J | mg/kg | 0.44 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 18:19 | 7440-41-7 | |
| Cadmium | 0.34J | mg/kg | 0.55 | 0.15 | 1 | 10/16/20 07:47 | 10/16/20 18:19 | 7440-43-9 | |
| Chromium | 8.3 | mg/kg | 1.1 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 18:19 | 7440-47-3 | |
| Copper | 41.1 | mg/kg | 1.1 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 18:19 | 7440-50-8 | |
| Lead | 28.3 | mg/kg | 2.2 | 0.66 | 1 | 10/16/20 07:47 | 10/16/20 18:19 | 7439-92-1 | |
| Nickel | 5.9 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 18:19 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.4 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 18:19 | 7782-49-2 | |
| Silver | <0.34 | mg/kg | 1.1 | 0.34 | 1 | 10/16/20 07:47 | 10/16/20 18:19 | 7440-22-4 | |
| Thallium | <0.85 | mg/kg | 4.4 | 0.85 | 1 | 10/16/20 07:47 | 10/16/20 18:19 | 7440-28-0 | |
| Zinc | 68.7 | mg/kg | 4.4 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:19 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.038J | mg/kg | 0.039 | 0.011 | 1 | 10/15/20 09:55 | 10/15/20 14:16 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <263 | ug/kg | 877 | 263 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 83-32-9 | |
| Acenaphthylene | <265 | ug/kg | 882 | 265 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 208-96-8 | |
| Anthracene | 387J | ug/kg | 395 | 119 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 120-12-7 | |
| Benzo(a)anthracene | 1080 | ug/kg | 383 | 115 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 56-55-3 | |
| Benzo(a)pyrene | 907 | ug/kg | 372 | 112 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 50-32-8 | B |
| Benzo(b)fluoranthene | 1430 | ug/kg | 425 | 127 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 205-99-2 | |
| Benzo(g,h,i)perylene | 791 | ug/kg | 647 | 194 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 191-24-2 | |
| Benzo(k)fluoranthene | 554J | ug/kg | 592 | 178 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 207-08-9 | |
| Chrysene | 1160 | ug/kg | 370 | 111 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 218-01-9 | |
| Dibenz(a,h)anthracene | <201 | ug/kg | 671 | 201 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 53-70-3 | |
| Fluoranthene | 3530 | ug/kg | 350 | 105 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 206-44-0 | |
| Fluorene | <86.7 | ug/kg | 289 | 86.7 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | 862 | ug/kg | 535 | 160 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 193-39-5 | |
| 1-Methylnaphthalene | <211 | ug/kg | 704 | 211 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <193 | ug/kg | 642 | 193 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 91-57-6 | |
| Naphthalene | <259 | ug/kg | 864 | 259 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 91-20-3 | |
| Pentachlorophenol | <163 | ug/kg | 544 | 163 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 87-86-5 | |
| Phenanthrene | 1590 | ug/kg | 317 | 95.1 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 85-01-8 | |
| Pyrene | 2290 | ug/kg | 548 | 164 | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 53 | % | 17-110 | | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 70 | % | 45-103 | | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 321-60-8 | |
| Terphenyl-d14 (S) | 71 | % | 46-100 | | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 73 | % | 10-153 | | 4 | 10/16/20 12:40 | 10/19/20 15:59 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-5 (0'-4')** Lab ID: **40216442025** Collected: 10/13/20 09:15 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-5 (0'-4') **Lab ID: 40216442025** Collected: 10/13/20 09:15 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 98 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 1868-53-7 | |
| Toluene-d8 (S) | 104 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 97 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 21:48 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 9.9 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-5 (8'-12') **Lab ID: 40216442026** Collected: 10/13/20 09:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <1.2 | mg/kg | 3.1 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 18:22 | 7440-36-0 | |
| Arsenic | <2.3 | mg/kg | 3.9 | 2.3 | 1 | 10/16/20 07:47 | 10/16/20 18:22 | 7440-38-2 | |
| Beryllium | 0.37J | mg/kg | 0.62 | 0.19 | 1 | 10/16/20 07:47 | 10/16/20 18:22 | 7440-41-7 | |
| Cadmium | 0.40J | mg/kg | 0.78 | 0.21 | 1 | 10/16/20 07:47 | 10/16/20 18:22 | 7440-43-9 | |
| Chromium | 16.3 | mg/kg | 1.6 | 0.43 | 1 | 10/16/20 07:47 | 10/16/20 18:22 | 7440-47-3 | |
| Copper | 26.6 | mg/kg | 1.6 | 0.43 | 1 | 10/16/20 07:47 | 10/16/20 18:22 | 7440-50-8 | |
| Lead | 212 | mg/kg | 3.1 | 0.94 | 1 | 10/16/20 07:47 | 10/16/20 18:22 | 7439-92-1 | |
| Nickel | 12.9 | mg/kg | 1.6 | 0.41 | 1 | 10/16/20 07:47 | 10/16/20 18:22 | 7440-02-0 | |
| Selenium | <2.0 | mg/kg | 6.2 | 2.0 | 1 | 10/16/20 07:47 | 10/16/20 18:22 | 7782-49-2 | |
| Silver | <0.48 | mg/kg | 1.6 | 0.48 | 1 | 10/16/20 07:47 | 10/16/20 18:22 | 7440-22-4 | |
| Thallium | <1.2 | mg/kg | 6.2 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 18:22 | 7440-28-0 | |
| Zinc | 168 | mg/kg | 6.2 | 1.9 | 1 | 10/16/20 07:47 | 10/16/20 18:22 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.024J | mg/kg | 0.057 | 0.016 | 1 | 10/15/20 09:55 | 10/15/20 14:19 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <100 | ug/kg | 333 | 100 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 83-32-9 | |
| Acenaphthylene | <101 | ug/kg | 335 | 101 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 208-96-8 | |
| Anthracene | <45.1 | ug/kg | 150 | 45.1 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 120-12-7 | |
| Benzo(a)anthracene | <43.7 | ug/kg | 146 | 43.7 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 56-55-3 | |
| Benzo(a)pyrene | <42.4 | ug/kg | 141 | 42.4 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 50-32-8 | |
| Benzo(b)fluoranthene | <48.4 | ug/kg | 161 | 48.4 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 205-99-2 | |
| Benzo(g,h,i)perylene | <73.8 | ug/kg | 246 | 73.8 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 191-24-2 | |
| Benzo(k)fluoranthene | <67.5 | ug/kg | 225 | 67.5 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 207-08-9 | |
| Chrysene | <42.2 | ug/kg | 141 | 42.2 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 218-01-9 | |
| Dibenz(a,h)anthracene | <76.6 | ug/kg | 255 | 76.6 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 53-70-3 | |
| Fluoranthene | <39.9 | ug/kg | 133 | 39.9 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 206-44-0 | |
| Fluorene | <33.0 | ug/kg | 110 | 33.0 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <61.0 | ug/kg | 203 | 61.0 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 193-39-5 | |
| 1-Methylnaphthalene | <80.3 | ug/kg | 268 | 80.3 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 90-12-0 | |
| 2-Methylnaphthalene | <73.2 | ug/kg | 244 | 73.2 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 91-57-6 | |
| Naphthalene | <98.6 | ug/kg | 329 | 98.6 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 91-20-3 | |
| Pentachlorophenol | <62.1 | ug/kg | 207 | 62.1 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 87-86-5 | |
| Phenanthrene | <36.2 | ug/kg | 121 | 36.2 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 85-01-8 | |
| Pyrene | <62.5 | ug/kg | 208 | 62.5 | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 56 | % | 17-110 | | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 71 | % | 45-103 | | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 321-60-8 | |
| Terphenyl-d14 (S) | 78 | % | 46-100 | | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 86 | % | 10-153 | | 1 | 10/16/20 12:40 | 10/19/20 13:33 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-5 (8'-12')** Lab ID: **40216442026** Collected: 10/13/20 09:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-5 (8'-12') **Lab ID: 40216442026** Collected: 10/13/20 09:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|-------------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 101 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 1868-53-7 | |
| Toluene-d8 (S) | 107 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 99 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 22:15 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 40.7 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-6 (0'-4') Lab ID: 40216442027 Collected: 10/13/20 08:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.85 | mg/kg | 2.1 | 0.85 | 1 | 10/16/20 07:47 | 10/16/20 18:24 | 7440-36-0 | |
| Arsenic | 1.9J | mg/kg | 2.7 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 18:24 | 7440-38-2 | |
| Beryllium | 0.30J | mg/kg | 0.43 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 18:24 | 7440-41-7 | |
| Cadmium | 0.54 | mg/kg | 0.53 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 18:24 | 7440-43-9 | |
| Chromium | 16.9 | mg/kg | 1.1 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 18:24 | 7440-47-3 | |
| Copper | 10.7 | mg/kg | 1.1 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 18:24 | 7440-50-8 | |
| Lead | 25.5 | mg/kg | 2.1 | 0.64 | 1 | 10/16/20 07:47 | 10/16/20 18:24 | 7439-92-1 | |
| Nickel | 5.0 | mg/kg | 1.1 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:24 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.3 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 18:24 | 7782-49-2 | |
| Silver | 0.36J | mg/kg | 1.1 | 0.33 | 1 | 10/16/20 07:47 | 10/16/20 18:24 | 7440-22-4 | |
| Thallium | 1.0J | mg/kg | 4.3 | 0.83 | 1 | 10/16/20 07:47 | 10/16/20 18:24 | 7440-28-0 | |
| Zinc | 61.2 | mg/kg | 4.3 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:24 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.26 | mg/kg | 0.036 | 0.010 | 1 | 10/15/20 09:55 | 10/15/20 14:21 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <1340 | ug/kg | 4470 | 1340 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 83-32-9 | |
| Acenaphthylene | <1350 | ug/kg | 4500 | 1350 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 208-96-8 | |
| Anthracene | <605 | ug/kg | 2020 | 605 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 120-12-7 | |
| Benzo(a)anthracene | <586 | ug/kg | 1950 | 586 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 56-55-3 | |
| Benzo(a)pyrene | <570 | ug/kg | 1900 | 570 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 50-32-8 | |
| Benzo(b)fluoranthene | <650 | ug/kg | 2170 | 650 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 205-99-2 | |
| Benzo(g,h,i)perylene | <990 | ug/kg | 3300 | 990 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 191-24-2 | |
| Benzo(k)fluoranthene | <906 | ug/kg | 3020 | 906 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 207-08-9 | |
| Chrysene | <566 | ug/kg | 1890 | 566 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1030 | ug/kg | 3430 | 1030 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 53-70-3 | |
| Fluoranthene | <536 | ug/kg | 1790 | 536 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 206-44-0 | |
| Fluorene | <442 | ug/kg | 1470 | 442 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <819 | ug/kg | 2730 | 819 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 193-39-5 | |
| 1-Methylnaphthalene | <1080 | ug/kg | 3590 | 1080 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <983 | ug/kg | 3280 | 983 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 91-57-6 | |
| Naphthalene | <1320 | ug/kg | 4410 | 1320 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 91-20-3 | |
| Pentachlorophenol | <834 | ug/kg | 2780 | 834 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 87-86-5 | |
| Phenanthrene | <486 | ug/kg | 1620 | 486 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 85-01-8 | |
| Pyrene | <839 | ug/kg | 2800 | 839 | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 47 | % | 17-110 | | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 66 | % | 45-103 | | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 321-60-8 | |
| Terphenyl-d14 (S) | 76 | % | 46-100 | | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 69 | % | 10-153 | | 20 | 10/16/20 12:40 | 10/19/20 16:41 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-6 (0'-4')** Lab ID: **40216442027** Collected: 10/13/20 08:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-6 (0'-4') **Lab ID: 40216442027** Collected: 10/13/20 08:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 89 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 1868-53-7 | |
| Toluene-d8 (S) | 94 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 88 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 22:42 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 11.8 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-6 (8'-12') **Lab ID: 40216442028** Collected: 10/13/20 08:55 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <1.0 | mg/kg | 2.6 | 1.0 | 1 | 10/16/20 07:47 | 10/16/20 18:27 | 7440-36-0 | |
| Arsenic | <1.9 | mg/kg | 3.3 | 1.9 | 1 | 10/16/20 07:47 | 10/16/20 18:27 | 7440-38-2 | |
| Beryllium | 0.43J | mg/kg | 0.52 | 0.16 | 1 | 10/16/20 07:47 | 10/16/20 18:27 | 7440-41-7 | |
| Cadmium | <0.17 | mg/kg | 0.65 | 0.17 | 1 | 10/16/20 07:47 | 10/16/20 18:27 | 7440-43-9 | |
| Chromium | 13.5 | mg/kg | 1.3 | 0.36 | 1 | 10/16/20 07:47 | 10/16/20 18:27 | 7440-47-3 | |
| Copper | 5.8 | mg/kg | 1.3 | 0.36 | 1 | 10/16/20 07:47 | 10/16/20 18:27 | 7440-50-8 | |
| Lead | 36.5 | mg/kg | 2.6 | 0.78 | 1 | 10/16/20 07:47 | 10/16/20 18:27 | 7439-92-1 | |
| Nickel | 3.4 | mg/kg | 1.3 | 0.35 | 1 | 10/16/20 07:47 | 10/16/20 18:27 | 7440-02-0 | |
| Selenium | <1.7 | mg/kg | 5.2 | 1.7 | 1 | 10/16/20 07:47 | 10/16/20 18:27 | 7782-49-2 | |
| Silver | <0.40 | mg/kg | 1.3 | 0.40 | 1 | 10/16/20 07:47 | 10/16/20 18:27 | 7440-22-4 | |
| Thallium | 1.6J | mg/kg | 5.2 | 1.0 | 1 | 10/16/20 07:47 | 10/16/20 18:27 | 7440-28-0 | |
| Zinc | 60.4 | mg/kg | 5.2 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 18:27 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.013 | mg/kg | 0.046 | 0.013 | 1 | 10/15/20 09:55 | 10/15/20 14:23 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <1650 | ug/kg | 5500 | 1650 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 83-32-9 | |
| Acenaphthylene | <1660 | ug/kg | 5540 | 1660 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 208-96-8 | |
| Anthracene | <744 | ug/kg | 2480 | 744 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 120-12-7 | |
| Benzo(a)anthracene | <721 | ug/kg | 2400 | 721 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 56-55-3 | |
| Benzo(a)pyrene | <701 | ug/kg | 2340 | 701 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 50-32-8 | |
| Benzo(b)fluoranthene | <800 | ug/kg | 2670 | 800 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 205-99-2 | |
| Benzo(g,h,i)perylene | <1220 | ug/kg | 4060 | 1220 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 191-24-2 | |
| Benzo(k)fluoranthene | <1110 | ug/kg | 3720 | 1110 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 207-08-9 | |
| Chrysene | <696 | ug/kg | 2320 | 696 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 218-01-9 | |
| Dibenz(a,h)anthracene | <1260 | ug/kg | 4220 | 1260 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 53-70-3 | |
| Fluoranthene | <659 | ug/kg | 2200 | 659 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 206-44-0 | |
| Fluorene | <544 | ug/kg | 1810 | 544 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <1010 | ug/kg | 3360 | 1010 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 193-39-5 | |
| 1-Methylnaphthalene | <1330 | ug/kg | 4420 | 1330 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <1210 | ug/kg | 4030 | 1210 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 91-57-6 | |
| Naphthalene | <1630 | ug/kg | 5430 | 1630 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 91-20-3 | |
| Pentachlorophenol | <1030 | ug/kg | 3420 | 1030 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 87-86-5 | |
| Phenanthrene | <597 | ug/kg | 1990 | 597 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 85-01-8 | |
| Pyrene | <1030 | ug/kg | 3440 | 1030 | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 46 | % | 17-110 | | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 57 | % | 45-103 | | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 321-60-8 | |
| Terphenyl-d14 (S) | 69 | % | 46-100 | | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 51 | % | 10-153 | | 20 | 10/16/20 12:40 | 10/19/20 16:20 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-6 (8'-12')** Lab ID: **40216442028** Collected: 10/13/20 08:55 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-6 (8'-12') **Lab ID: 40216442028** Collected: 10/13/20 08:55 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|-------------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 90 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 1868-53-7 | |
| Toluene-d8 (S) | 95 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 87 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 23:09 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 28.3 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:31 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-9 (0'-4') **Lab ID: 40216442029** Collected: 10/13/20 08:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | 1.4J | mg/kg | 2.5 | 1.0 | 1 | 10/16/20 07:47 | 10/16/20 18:29 | 7440-36-0 | |
| Arsenic | <1.9 | mg/kg | 3.2 | 1.9 | 1 | 10/16/20 07:47 | 10/16/20 18:29 | 7440-38-2 | |
| Beryllium | 0.51 | mg/kg | 0.51 | 0.15 | 1 | 10/16/20 07:47 | 10/16/20 18:29 | 7440-41-7 | |
| Cadmium | 1.0 | mg/kg | 0.64 | 0.17 | 1 | 10/16/20 07:47 | 10/16/20 18:29 | 7440-43-9 | |
| Chromium | 14.4 | mg/kg | 1.3 | 0.35 | 1 | 10/16/20 07:47 | 10/16/20 18:29 | 7440-47-3 | |
| Copper | 61.3 | mg/kg | 1.3 | 0.35 | 1 | 10/16/20 07:47 | 10/16/20 18:29 | 7440-50-8 | |
| Lead | 70.3 | mg/kg | 2.5 | 0.76 | 1 | 10/16/20 07:47 | 10/16/20 18:29 | 7439-92-1 | |
| Nickel | 13.9 | mg/kg | 1.3 | 0.34 | 1 | 10/16/20 07:47 | 10/16/20 18:29 | 7440-02-0 | |
| Selenium | 2.5J | mg/kg | 5.1 | 1.7 | 1 | 10/16/20 07:47 | 10/16/20 18:29 | 7782-49-2 | |
| Silver | <0.39 | mg/kg | 1.3 | 0.39 | 1 | 10/16/20 07:47 | 10/16/20 18:29 | 7440-22-4 | |
| Thallium | 1.2J | mg/kg | 5.1 | 0.99 | 1 | 10/16/20 07:47 | 10/16/20 18:29 | 7440-28-0 | |
| Zinc | 200 | mg/kg | 5.1 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 18:29 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.070 | mg/kg | 0.042 | 0.012 | 1 | 10/15/20 09:55 | 10/15/20 14:26 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <787 | ug/kg | 2620 | 787 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 83-32-9 | |
| Acenaphthylene | <792 | ug/kg | 2640 | 792 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 208-96-8 | |
| Anthracene | <355 | ug/kg | 1180 | 355 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 120-12-7 | |
| Benzo(a)anthracene | 353J | ug/kg | 1150 | 344 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 56-55-3 | |
| Benzo(a)pyrene | 484J | ug/kg | 1110 | 334 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 50-32-8 | |
| Benzo(b)fluoranthene | 585J | ug/kg | 1270 | 381 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 205-99-2 | |
| Benzo(g,h,i)perylene | 626J | ug/kg | 1930 | 580 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 191-24-2 | |
| Benzo(k)fluoranthene | <531 | ug/kg | 1770 | 531 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 207-08-9 | |
| Chrysene | 451J | ug/kg | 1110 | 332 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 218-01-9 | |
| Dibenz(a,h)anthracene | <603 | ug/kg | 2010 | 603 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 53-70-3 | |
| Fluoranthene | 820J | ug/kg | 1050 | 314 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 206-44-0 | |
| Fluorene | <259 | ug/kg | 864 | 259 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | 644J | ug/kg | 1600 | 480 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 193-39-5 | |
| 1-Methylnaphthalene | <632 | ug/kg | 2110 | 632 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <576 | ug/kg | 1920 | 576 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 91-57-6 | |
| Naphthalene | <776 | ug/kg | 2590 | 776 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 91-20-3 | |
| Pentachlorophenol | <489 | ug/kg | 1630 | 489 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 87-86-5 | |
| Phenanthrene | 442J | ug/kg | 949 | 285 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 85-01-8 | |
| Pyrene | 639J | ug/kg | 1640 | 492 | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 53 | % | 17-110 | | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 69 | % | 45-103 | | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 321-60-8 | |
| Terphenyl-d14 (S) | 74 | % | 46-100 | | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 64 | % | 10-153 | | 10 | 10/16/20 12:40 | 10/19/20 13:54 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-9 (0'-4')** Lab ID: **40216442029** Collected: 10/13/20 08:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-9 (0'-4')** Lab ID: **40216442029** Collected: 10/13/20 08:30 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|-------------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 97 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 1868-53-7 | |
| Toluene-d8 (S) | 103 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 96 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 23:36 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 24.9 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:32 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-9 (8'-12') **Lab ID: 40216442030** Collected: 10/13/20 08:35 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.83 | mg/kg | 2.1 | 0.83 | 1 | 10/16/20 07:47 | 10/16/20 18:32 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.6 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 18:32 | 7440-38-2 | |
| Beryllium | 0.22J | mg/kg | 0.42 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 18:32 | 7440-41-7 | |
| Cadmium | <0.14 | mg/kg | 0.52 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 18:32 | 7440-43-9 | |
| Chromium | 6.6 | mg/kg | 1.0 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 18:32 | 7440-47-3 | |
| Copper | 8.4 | mg/kg | 1.0 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 18:32 | 7440-50-8 | |
| Lead | 5.4 | mg/kg | 2.1 | 0.62 | 1 | 10/16/20 07:47 | 10/16/20 18:32 | 7439-92-1 | |
| Nickel | 6.9 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:32 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.2 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 18:32 | 7782-49-2 | |
| Silver | <0.32 | mg/kg | 1.0 | 0.32 | 1 | 10/16/20 07:47 | 10/16/20 18:32 | 7440-22-4 | |
| Thallium | <0.80 | mg/kg | 4.2 | 0.80 | 1 | 10/16/20 07:47 | 10/16/20 18:32 | 7440-28-0 | |
| Zinc | 20.2 | mg/kg | 4.2 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 18:32 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.011 | mg/kg | 0.037 | 0.011 | 1 | 10/20/20 07:09 | 10/20/20 09:54 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <319 | ug/kg | 1060 | 319 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 83-32-9 | |
| Acenaphthylene | <320 | ug/kg | 1070 | 320 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 208-96-8 | |
| Anthracene | <144 | ug/kg | 479 | 144 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 120-12-7 | |
| Benzo(a)anthracene | <139 | ug/kg | 464 | 139 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 56-55-3 | |
| Benzo(a)pyrene | <135 | ug/kg | 451 | 135 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 50-32-8 | |
| Benzo(b)fluoranthene | <154 | ug/kg | 515 | 154 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 205-99-2 | |
| Benzo(g,h,i)perylene | <235 | ug/kg | 783 | 235 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 191-24-2 | |
| Benzo(k)fluoranthene | <215 | ug/kg | 717 | 215 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 207-08-9 | |
| Chrysene | <134 | ug/kg | 448 | 134 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 218-01-9 | |
| Dibenz(a,h)anthracene | <244 | ug/kg | 813 | 244 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 53-70-3 | |
| Fluoranthene | <127 | ug/kg | 424 | 127 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 206-44-0 | |
| Fluorene | <105 | ug/kg | 350 | 105 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <194 | ug/kg | 648 | 194 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 193-39-5 | |
| 1-Methylnaphthalene | <256 | ug/kg | 853 | 256 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <233 | ug/kg | 778 | 233 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 91-57-6 | |
| Naphthalene | <314 | ug/kg | 1050 | 314 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 91-20-3 | |
| Pentachlorophenol | <198 | ug/kg | 659 | 198 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 87-86-5 | |
| Phenanthrene | <115 | ug/kg | 384 | 115 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 85-01-8 | |
| Pyrene | <199 | ug/kg | 664 | 199 | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 63 | % | 17-110 | | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 77 | % | 45-103 | | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 321-60-8 | |
| Terphenyl-d14 (S) | 82 | % | 46-100 | | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 78 | % | 10-153 | | 5 | 10/16/20 12:40 | 10/19/20 17:02 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-9 (8'-12')** Lab ID: **40216442030** Collected: 10/13/20 08:35 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-9 (8'-12') **Lab ID: 40216442030** Collected: 10/13/20 08:35 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 103 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 1868-53-7 | |
| Toluene-d8 (S) | 107 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 101 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/17/20 00:03 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 7.2 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:32 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-10 (0'-4') **Lab ID: 40216442031** Collected: 10/13/20 09:35 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.81 | mg/kg | 2.0 | 0.81 | 1 | 10/16/20 07:47 | 10/16/20 18:34 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.6 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 18:34 | 7440-38-2 | |
| Beryllium | 0.24J | mg/kg | 0.41 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 18:34 | 7440-41-7 | |
| Cadmium | 0.78 | mg/kg | 0.51 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 18:34 | 7440-43-9 | |
| Chromium | 6.7 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:34 | 7440-47-3 | |
| Copper | 11.5 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:34 | 7440-50-8 | |
| Lead | 12.9 | mg/kg | 2.0 | 0.61 | 1 | 10/16/20 07:47 | 10/16/20 18:34 | 7439-92-1 | |
| Nickel | 6.0 | mg/kg | 1.0 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 18:34 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 4.1 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:34 | 7782-49-2 | |
| Silver | <0.31 | mg/kg | 1.0 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 18:34 | 7440-22-4 | |
| Thallium | <0.79 | mg/kg | 4.1 | 0.79 | 1 | 10/16/20 07:47 | 10/16/20 18:34 | 7440-28-0 | |
| Zinc | 223 | mg/kg | 4.1 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 18:34 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.010 | mg/kg | 0.036 | 0.010 | 1 | 10/20/20 07:09 | 10/20/20 10:01 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <619 | ug/kg | 2060 | 619 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 83-32-9 | |
| Acenaphthylene | <623 | ug/kg | 2080 | 623 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 208-96-8 | |
| Anthracene | <279 | ug/kg | 930 | 279 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 120-12-7 | |
| Benzo(a)anthracene | 691J | ug/kg | 901 | 270 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 56-55-3 | |
| Benzo(a)pyrene | 755J | ug/kg | 876 | 263 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 50-32-8 | B |
| Benzo(b)fluoranthene | 1080 | ug/kg | 1000 | 300 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 205-99-2 | |
| Benzo(g,h,i)perylene | 653J | ug/kg | 1520 | 457 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 191-24-2 | |
| Benzo(k)fluoranthene | 470J | ug/kg | 1390 | 418 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 207-08-9 | |
| Chrysene | 949 | ug/kg | 870 | 261 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 218-01-9 | |
| Dibenz(a,h)anthracene | <474 | ug/kg | 1580 | 474 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 53-70-3 | |
| Fluoranthene | 3110 | ug/kg | 824 | 247 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 206-44-0 | |
| Fluorene | 328J | ug/kg | 680 | 204 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | 722J | ug/kg | 1260 | 378 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 193-39-5 | |
| 1-Methylnaphthalene | <497 | ug/kg | 1660 | 497 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <453 | ug/kg | 1510 | 453 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 91-57-6 | |
| Naphthalene | 655J | ug/kg | 2040 | 611 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 91-20-3 | |
| Pentachlorophenol | <385 | ug/kg | 1280 | 385 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 87-86-5 | |
| Phenanthrene | 2990 | ug/kg | 747 | 224 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 85-01-8 | |
| Pyrene | 2000 | ug/kg | 1290 | 387 | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 43 | % | 17-110 | | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 69 | % | 45-103 | | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 321-60-8 | |
| Terphenyl-d14 (S) | 73 | % | 46-100 | | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 74 | % | 10-153 | | 10 | 10/16/20 12:40 | 10/19/20 14:15 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-10 (0'-4')** Lab ID: **40216442031** Collected: 10/13/20 09:35 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-10 (0'-4') **Lab ID: 40216442031** Collected: 10/13/20 09:35 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 94 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 1868-53-7 | |
| Toluene-d8 (S) | 102 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 95 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/16/20 20:28 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 4.4 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:32 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SB-10 (8'-12') **Lab ID: 40216442032** Collected: 10/13/20 09:40 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.81 | mg/kg | 2.0 | 0.81 | 1 | 10/16/20 07:47 | 10/16/20 18:36 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.5 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 18:36 | 7440-38-2 | |
| Beryllium | 0.16J | mg/kg | 0.40 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 18:36 | 7440-41-7 | |
| Cadmium | <0.13 | mg/kg | 0.51 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 18:36 | 7440-43-9 | |
| Chromium | 7.3 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:36 | 7440-47-3 | |
| Copper | 9.3 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:36 | 7440-50-8 | |
| Lead | 1.4J | mg/kg | 2.0 | 0.61 | 1 | 10/16/20 07:47 | 10/16/20 18:36 | 7439-92-1 | |
| Nickel | 6.7 | mg/kg | 1.0 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 18:36 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 4.0 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:36 | 7782-49-2 | |
| Silver | <0.31 | mg/kg | 1.0 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 18:36 | 7440-22-4 | |
| Thallium | 0.84J | mg/kg | 4.0 | 0.78 | 1 | 10/16/20 07:47 | 10/16/20 18:36 | 7440-28-0 | |
| Zinc | 39.5 | mg/kg | 4.0 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 18:36 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.0091 | mg/kg | 0.032 | 0.0091 | 1 | 10/20/20 07:09 | 10/20/20 10:03 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <303 | ug/kg | 1010 | 303 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 83-32-9 | |
| Acenaphthylene | <305 | ug/kg | 1020 | 305 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 208-96-8 | |
| Anthracene | <137 | ug/kg | 456 | 137 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 120-12-7 | |
| Benzo(a)anthracene | <133 | ug/kg | 442 | 133 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 56-55-3 | |
| Benzo(a)pyrene | <129 | ug/kg | 429 | 129 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 50-32-8 | |
| Benzo(b)fluoranthene | <147 | ug/kg | 490 | 147 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 205-99-2 | |
| Benzo(g,h,i)perylene | <224 | ug/kg | 746 | 224 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 191-24-2 | |
| Benzo(k)fluoranthene | <205 | ug/kg | 683 | 205 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 207-08-9 | |
| Chrysene | <128 | ug/kg | 426 | 128 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 218-01-9 | |
| Dibenz(a,h)anthracene | <232 | ug/kg | 775 | 232 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 53-70-3 | |
| Fluoranthene | <121 | ug/kg | 404 | 121 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 206-44-0 | |
| Fluorene | <100 | ug/kg | 333 | 100 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <185 | ug/kg | 617 | 185 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 193-39-5 | |
| 1-Methylnaphthalene | <244 | ug/kg | 812 | 244 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <222 | ug/kg | 741 | 222 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 91-57-6 | |
| Naphthalene | <299 | ug/kg | 997 | 299 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 91-20-3 | |
| Pentachlorophenol | <188 | ug/kg | 628 | 188 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 87-86-5 | |
| Phenanthrene | <110 | ug/kg | 366 | 110 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 85-01-8 | |
| Pyrene | <190 | ug/kg | 632 | 190 | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 47 | % | 17-110 | | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 58 | % | 45-103 | | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 321-60-8 | |
| Terphenyl-d14 (S) | 68 | % | 46-100 | | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 64 | % | 10-153 | | 5 | 10/16/20 12:40 | 10/19/20 15:18 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-10 (8'-12')** Lab ID: **40216442032** Collected: 10/13/20 09:40 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-10 (8'-12')** Lab ID: **40216442032** Collected: 10/13/20 09:40 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 91 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 1868-53-7 | |
| Toluene-d8 (S) | 95 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 89 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/17/20 00:57 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 2.5 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:32 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-11 (0'-4') **Lab ID: 40216442033** Collected: 10/13/20 08:15 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.84 | mg/kg | 2.1 | 0.84 | 1 | 10/16/20 07:47 | 10/16/20 18:39 | 7440-36-0 | |
| Arsenic | <1.6 | mg/kg | 2.6 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 18:39 | 7440-38-2 | |
| Beryllium | 0.35J | mg/kg | 0.42 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 18:39 | 7440-41-7 | |
| Cadmium | <0.14 | mg/kg | 0.53 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 18:39 | 7440-43-9 | |
| Chromium | 3.8 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 18:39 | 7440-47-3 | |
| Copper | 4.2 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 18:39 | 7440-50-8 | |
| Lead | 7.3 | mg/kg | 2.1 | 0.63 | 1 | 10/16/20 07:47 | 10/16/20 18:39 | 7439-92-1 | |
| Nickel | 2.9 | mg/kg | 1.1 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:39 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.2 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 18:39 | 7782-49-2 | |
| Silver | <0.32 | mg/kg | 1.1 | 0.32 | 1 | 10/16/20 07:47 | 10/16/20 18:39 | 7440-22-4 | |
| Thallium | <0.82 | mg/kg | 4.2 | 0.82 | 1 | 10/16/20 07:47 | 10/16/20 18:39 | 7440-28-0 | |
| Zinc | 35.7 | mg/kg | 4.2 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:39 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.0098 | mg/kg | 0.034 | 0.0098 | 1 | 10/20/20 07:09 | 10/20/20 10:05 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <64.2 | ug/kg | 214 | 64.2 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 83-32-9 | |
| Acenaphthylene | <64.6 | ug/kg | 215 | 64.6 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 208-96-8 | |
| Anthracene | <28.9 | ug/kg | 96.5 | 28.9 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 120-12-7 | |
| Benzo(a)anthracene | <28.0 | ug/kg | 93.5 | 28.0 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 56-55-3 | |
| Benzo(a)pyrene | <27.2 | ug/kg | 90.8 | 27.2 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 50-32-8 | |
| Benzo(b)fluoranthene | <31.1 | ug/kg | 104 | 31.1 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 205-99-2 | |
| Benzo(g,h,i)perylene | <47.4 | ug/kg | 158 | 47.4 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 191-24-2 | |
| Benzo(k)fluoranthene | <43.4 | ug/kg | 145 | 43.4 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 207-08-9 | |
| Chrysene | <27.1 | ug/kg | 90.2 | 27.1 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 218-01-9 | |
| Dibenz(a,h)anthracene | <49.2 | ug/kg | 164 | 49.2 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 53-70-3 | |
| Fluoranthene | <25.6 | ug/kg | 85.4 | 25.6 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 206-44-0 | |
| Fluorene | <21.2 | ug/kg | 70.5 | 21.2 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <39.2 | ug/kg | 131 | 39.2 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 193-39-5 | |
| 1-Methylnaphthalene | <51.6 | ug/kg | 172 | 51.6 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 90-12-0 | |
| 2-Methylnaphthalene | <47.0 | ug/kg | 157 | 47.0 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 91-57-6 | |
| Naphthalene | <63.3 | ug/kg | 211 | 63.3 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 91-20-3 | |
| Pentachlorophenol | <39.9 | ug/kg | 133 | 39.9 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 87-86-5 | |
| Phenanthrene | <23.2 | ug/kg | 77.4 | 23.2 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 85-01-8 | |
| Pyrene | <40.1 | ug/kg | 134 | 40.1 | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 71 | % | 17-110 | | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 82 | % | 45-103 | | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 321-60-8 | |
| Terphenyl-d14 (S) | 84 | % | 46-100 | | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 88 | % | 10-153 | | 1 | 10/16/20 12:40 | 10/20/20 13:28 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-11 (0'-4')** Lab ID: **40216442033** Collected: 10/13/20 08:15 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-11 (0'-4') **Lab ID: 40216442033** Collected: 10/13/20 08:15 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 94 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 1868-53-7 | |
| Toluene-d8 (S) | 98 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 91 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/17/20 01:24 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 7.7 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:32 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-11 (8'-12') **Lab ID: 40216442034** Collected: 10/13/20 08:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.80 | mg/kg | 2.0 | 0.80 | 1 | 10/16/20 07:47 | 10/16/20 18:41 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.5 | 1.5 | 1 | 10/16/20 07:47 | 10/16/20 18:41 | 7440-38-2 | |
| Beryllium | 0.24J | mg/kg | 0.40 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 18:41 | 7440-41-7 | |
| Cadmium | <0.13 | mg/kg | 0.50 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 18:41 | 7440-43-9 | |
| Chromium | 8.5 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:41 | 7440-47-3 | |
| Copper | 10.9 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:47 | 10/16/20 18:41 | 7440-50-8 | |
| Lead | 2.3 | mg/kg | 2.0 | 0.60 | 1 | 10/16/20 07:47 | 10/16/20 18:41 | 7439-92-1 | |
| Nickel | 9.0 | mg/kg | 1.0 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 18:41 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 4.0 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:41 | 7782-49-2 | |
| Silver | <0.31 | mg/kg | 1.0 | 0.31 | 1 | 10/16/20 07:47 | 10/16/20 18:41 | 7440-22-4 | |
| Thallium | <0.78 | mg/kg | 4.0 | 0.78 | 1 | 10/16/20 07:47 | 10/16/20 18:41 | 7440-28-0 | |
| Zinc | 14.7 | mg/kg | 4.0 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 18:41 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.010 | mg/kg | 0.036 | 0.010 | 1 | 10/20/20 07:09 | 10/20/20 10:08 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <61.2 | ug/kg | 204 | 61.2 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 83-32-9 | |
| Acenaphthylene | <61.6 | ug/kg | 205 | 61.6 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 208-96-8 | |
| Anthracene | <27.6 | ug/kg | 92.0 | 27.6 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 120-12-7 | |
| Benzo(a)anthracene | <26.7 | ug/kg | 89.1 | 26.7 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 56-55-3 | |
| Benzo(a)pyrene | <26.0 | ug/kg | 86.6 | 26.0 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 50-32-8 | |
| Benzo(b)fluoranthene | <29.7 | ug/kg | 98.9 | 29.7 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 205-99-2 | |
| Benzo(g,h,i)perylene | <45.2 | ug/kg | 151 | 45.2 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 191-24-2 | |
| Benzo(k)fluoranthene | <41.3 | ug/kg | 138 | 41.3 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 207-08-9 | |
| Chrysene | <25.8 | ug/kg | 86.0 | 25.8 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 218-01-9 | |
| Dibenz(a,h)anthracene | <46.9 | ug/kg | 156 | 46.9 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 53-70-3 | |
| Fluoranthene | <24.4 | ug/kg | 81.4 | 24.4 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 206-44-0 | |
| Fluorene | <20.2 | ug/kg | 67.3 | 20.2 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 193-39-5 | |
| 1-Methylnaphthalene | <49.2 | ug/kg | 164 | 49.2 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 90-12-0 | |
| 2-Methylnaphthalene | <44.8 | ug/kg | 149 | 44.8 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 91-57-6 | |
| Naphthalene | <60.4 | ug/kg | 201 | 60.4 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 91-20-3 | |
| Pentachlorophenol | <38.0 | ug/kg | 127 | 38.0 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 87-86-5 | |
| Phenanthrene | <22.2 | ug/kg | 73.8 | 22.2 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 85-01-8 | |
| Pyrene | <38.3 | ug/kg | 128 | 38.3 | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 62 | % | 17-110 | | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 74 | % | 45-103 | | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 321-60-8 | |
| Terphenyl-d14 (S) | 78 | % | 46-100 | | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 79 | % | 10-153 | | 1 | 10/16/20 12:40 | 10/20/20 13:49 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-11 (8'-12') Lab ID: 40216442034 Collected: 10/13/20 08:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-11 (8'-12') Lab ID: 40216442034 Collected: 10/13/20 08:20 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 106 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 1868-53-7 | |
| Toluene-d8 (S) | 111 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 106 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/17/20 02:18 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 3.5 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:32 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-12 (0'-4') Lab ID: 40216442035 Collected: 10/13/20 07:35 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.86 | mg/kg | 2.2 | 0.86 | 1 | 10/16/20 07:47 | 10/16/20 18:48 | 7440-36-0 | |
| Arsenic | <1.6 | mg/kg | 2.7 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 18:48 | 7440-38-2 | |
| Beryllium | 0.67 | mg/kg | 0.43 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 18:48 | 7440-41-7 | |
| Cadmium | <0.14 | mg/kg | 0.54 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 18:48 | 7440-43-9 | |
| Chromium | 8.4 | mg/kg | 1.1 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 18:48 | 7440-47-3 | |
| Copper | 5.3 | mg/kg | 1.1 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 18:48 | 7440-50-8 | |
| Lead | 9.6 | mg/kg | 2.2 | 0.65 | 1 | 10/16/20 07:47 | 10/16/20 18:48 | 7439-92-1 | |
| Nickel | 5.5 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 18:48 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.3 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 18:48 | 7782-49-2 | |
| Silver | <0.33 | mg/kg | 1.1 | 0.33 | 1 | 10/16/20 07:47 | 10/16/20 18:48 | 7440-22-4 | |
| Thallium | 1.5J | mg/kg | 4.3 | 0.84 | 1 | 10/16/20 07:47 | 10/16/20 18:48 | 7440-28-0 | |
| Zinc | 50.2 | mg/kg | 4.3 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:48 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.0097 | mg/kg | 0.034 | 0.0097 | 1 | 10/20/20 07:09 | 10/20/20 10:10 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <516 | ug/kg | 1720 | 516 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 83-32-9 | |
| Acenaphthylene | <519 | ug/kg | 1730 | 519 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 208-96-8 | |
| Anthracene | <233 | ug/kg | 776 | 233 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 120-12-7 | |
| Benzo(a)anthracene | <225 | ug/kg | 752 | 225 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 56-55-3 | |
| Benzo(a)pyrene | <219 | ug/kg | 730 | 219 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 50-32-8 | |
| Benzo(b)fluoranthene | <250 | ug/kg | 834 | 250 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 205-99-2 | |
| Benzo(g,h,i)perylene | <381 | ug/kg | 1270 | 381 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 191-24-2 | |
| Benzo(k)fluoranthene | <349 | ug/kg | 1160 | 349 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 207-08-9 | |
| Chrysene | <218 | ug/kg | 726 | 218 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 218-01-9 | |
| Dibenz(a,h)anthracene | <395 | ug/kg | 1320 | 395 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 53-70-3 | |
| Fluoranthene | <206 | ug/kg | 687 | 206 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 206-44-0 | |
| Fluorene | <170 | ug/kg | 567 | 170 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <315 | ug/kg | 1050 | 315 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 193-39-5 | |
| 1-Methylnaphthalene | <415 | ug/kg | 1380 | 415 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <378 | ug/kg | 1260 | 378 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 91-57-6 | |
| Naphthalene | <509 | ug/kg | 1700 | 509 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 91-20-3 | |
| Pentachlorophenol | <321 | ug/kg | 1070 | 321 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 87-86-5 | |
| Phenanthrene | <187 | ug/kg | 623 | 187 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 85-01-8 | |
| Pyrene | <323 | ug/kg | 1080 | 323 | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 48 | % | 17-110 | | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 63 | % | 45-103 | | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 321-60-8 | |
| Terphenyl-d14 (S) | 65 | % | 46-100 | | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 67 | % | 10-153 | | 8 | 10/16/20 12:40 | 10/19/20 15:39 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-12 (0'-4')** Lab ID: **40216442035** Collected: 10/13/20 07:35 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-12 (0'-4')** Lab ID: **40216442035** Collected: 10/13/20 07:35 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 116 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 1868-53-7 | |
| Toluene-d8 (S) | 121 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 115 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/17/20 02:45 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 8.3 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:43 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-12 (8'-12') **Lab ID: 40216442036** Collected: 10/13/20 07:45 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.78 | mg/kg | 1.9 | 0.78 | 1 | 10/16/20 07:47 | 10/16/20 18:51 | 7440-36-0 | |
| Arsenic | <1.4 | mg/kg | 2.4 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 18:51 | 7440-38-2 | |
| Beryllium | 0.18J | mg/kg | 0.39 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 18:51 | 7440-41-7 | |
| Cadmium | <0.13 | mg/kg | 0.49 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 18:51 | 7440-43-9 | |
| Chromium | 7.2 | mg/kg | 0.97 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 18:51 | 7440-47-3 | |
| Copper | 7.1 | mg/kg | 0.97 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 18:51 | 7440-50-8 | |
| Lead | 1.3J | mg/kg | 1.9 | 0.58 | 1 | 10/16/20 07:47 | 10/16/20 18:51 | 7439-92-1 | |
| Nickel | 6.7 | mg/kg | 0.97 | 0.26 | 1 | 10/16/20 07:47 | 10/16/20 18:51 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 3.9 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:51 | 7782-49-2 | |
| Silver | <0.30 | mg/kg | 0.97 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 18:51 | 7440-22-4 | |
| Thallium | 0.97J | mg/kg | 3.9 | 0.75 | 1 | 10/16/20 07:47 | 10/16/20 18:51 | 7440-28-0 | |
| Zinc | 9.4 | mg/kg | 3.9 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 18:51 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.0093 | mg/kg | 0.032 | 0.0093 | 1 | 10/20/20 07:09 | 10/20/20 10:17 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <60.7 | ug/kg | 202 | 60.7 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 83-32-9 | |
| Acenaphthylene | <61.1 | ug/kg | 204 | 61.1 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 208-96-8 | |
| Anthracene | <27.4 | ug/kg | 91.2 | 27.4 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 120-12-7 | |
| Benzo(a)anthracene | <26.5 | ug/kg | 88.4 | 26.5 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 56-55-3 | |
| Benzo(a)pyrene | <25.8 | ug/kg | 85.9 | 25.8 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 50-32-8 | |
| Benzo(b)fluoranthene | <29.4 | ug/kg | 98.1 | 29.4 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 205-99-2 | |
| Benzo(g,h,i)perylene | <44.8 | ug/kg | 149 | 44.8 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 191-24-2 | |
| Benzo(k)fluoranthene | <41.0 | ug/kg | 137 | 41.0 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 207-08-9 | |
| Chrysene | <25.6 | ug/kg | 85.3 | 25.6 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 218-01-9 | |
| Dibenz(a,h)anthracene | <46.5 | ug/kg | 155 | 46.5 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 53-70-3 | |
| Fluoranthene | <24.2 | ug/kg | 80.8 | 24.2 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 206-44-0 | |
| Fluorene | <20.0 | ug/kg | 66.7 | 20.0 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <37.0 | ug/kg | 123 | 37.0 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 193-39-5 | |
| 1-Methylnaphthalene | <48.8 | ug/kg | 163 | 48.8 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 90-12-0 | |
| 2-Methylnaphthalene | <44.5 | ug/kg | 148 | 44.5 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 91-57-6 | |
| Naphthalene | <59.9 | ug/kg | 200 | 59.9 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 91-20-3 | |
| Pentachlorophenol | <37.7 | ug/kg | 126 | 37.7 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 87-86-5 | |
| Phenanthrene | <22.0 | ug/kg | 73.2 | 22.0 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 85-01-8 | |
| Pyrene | <37.9 | ug/kg | 127 | 37.9 | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 61 | % | 17-110 | | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 70 | % | 45-103 | | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 321-60-8 | |
| Terphenyl-d14 (S) | 75 | % | 46-100 | | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 80 | % | 10-153 | | 1 | 10/16/20 12:40 | 10/20/20 14:09 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-12 (8'-12')** Lab ID: **40216442036** Collected: 10/13/20 07:45 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-12 (8'-12') Lab ID: 40216442036 Collected: 10/13/20 07:45 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 103 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 1868-53-7 | |
| Toluene-d8 (S) | 110 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 102 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/17/20 00:30 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 2.6 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:43 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-13 (0.5'-4') **Lab ID: 40216442037** Collected: 10/13/20 07:55 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.87 | mg/kg | 2.2 | 0.87 | 1 | 10/16/20 07:47 | 10/16/20 18:53 | 7440-36-0 | |
| Arsenic | <1.6 | mg/kg | 2.7 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 18:53 | 7440-38-2 | |
| Beryllium | 0.42J | mg/kg | 0.44 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 18:53 | 7440-41-7 | |
| Cadmium | <0.15 | mg/kg | 0.55 | 0.15 | 1 | 10/16/20 07:47 | 10/16/20 18:53 | 7440-43-9 | |
| Chromium | 7.8 | mg/kg | 1.1 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 18:53 | 7440-47-3 | |
| Copper | 35.9 | mg/kg | 1.1 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 18:53 | 7440-50-8 | |
| Lead | 30.4 | mg/kg | 2.2 | 0.65 | 1 | 10/16/20 07:47 | 10/16/20 18:53 | 7439-92-1 | |
| Nickel | 14.9 | mg/kg | 1.1 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 18:53 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.4 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 18:53 | 7782-49-2 | |
| Silver | <0.34 | mg/kg | 1.1 | 0.34 | 1 | 10/16/20 07:47 | 10/16/20 18:53 | 7440-22-4 | |
| Thallium | <0.85 | mg/kg | 4.4 | 0.85 | 1 | 10/16/20 07:47 | 10/16/20 18:53 | 7440-28-0 | |
| Zinc | 52.7 | mg/kg | 4.4 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:53 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.012J | mg/kg | 0.036 | 0.010 | 1 | 10/20/20 07:09 | 10/20/20 10:19 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <646 | ug/kg | 2150 | 646 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 83-32-9 | |
| Acenaphthylene | <650 | ug/kg | 2170 | 650 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 208-96-8 | |
| Anthracene | <291 | ug/kg | 971 | 291 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 120-12-7 | |
| Benzo(a)anthracene | <282 | ug/kg | 941 | 282 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 56-55-3 | |
| Benzo(a)pyrene | <274 | ug/kg | 914 | 274 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 50-32-8 | |
| Benzo(b)fluoranthene | <313 | ug/kg | 1040 | 313 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 205-99-2 | |
| Benzo(g,h,i)perylene | <477 | ug/kg | 1590 | 477 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 191-24-2 | |
| Benzo(k)fluoranthene | <436 | ug/kg | 1450 | 436 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 207-08-9 | |
| Chrysene | <272 | ug/kg | 908 | 272 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 218-01-9 | |
| Dibenz(a,h)anthracene | <495 | ug/kg | 1650 | 495 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 53-70-3 | |
| Fluoranthene | 277J | ug/kg | 859 | 258 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 206-44-0 | |
| Fluorene | <213 | ug/kg | 710 | 213 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <394 | ug/kg | 1310 | 394 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 193-39-5 | |
| 1-Methylnaphthalene | <519 | ug/kg | 1730 | 519 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <473 | ug/kg | 1580 | 473 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 91-57-6 | |
| Naphthalene | <637 | ug/kg | 2120 | 637 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 91-20-3 | |
| Pentachlorophenol | <401 | ug/kg | 1340 | 401 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 87-86-5 | |
| Phenanthrene | <234 | ug/kg | 779 | 234 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 85-01-8 | |
| Pyrene | <404 | ug/kg | 1350 | 404 | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 49 | % | 17-110 | | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 63 | % | 45-103 | | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 321-60-8 | |
| Terphenyl-d14 (S) | 69 | % | 46-100 | | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 64 | % | 10-153 | | 10 | 10/16/20 12:40 | 10/19/20 14:36 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-13 (0.5'-4')** Lab ID: **40216442037** Collected: 10/13/20 07:55 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-13 (0.5'-4') **Lab ID: 40216442037** Collected: 10/13/20 07:55 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 85 | % | 58-145 | | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 1868-53-7 | |
| Toluene-d8 (S) | 90 | % | 56-140 | | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 81 | % | 52-137 | | 1 | 10/16/20 08:15 | 10/17/20 01:51 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 8.5 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:43 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SB-13 (8'-12') Lab ID: 40216442038 Collected: 10/13/20 08:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.76 | mg/kg | 1.9 | 0.76 | 1 | 10/16/20 07:47 | 10/16/20 18:56 | 7440-36-0 | |
| Arsenic | <1.4 | mg/kg | 2.4 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 18:56 | 7440-38-2 | |
| Beryllium | 0.18J | mg/kg | 0.38 | 0.11 | 1 | 10/16/20 07:47 | 10/16/20 18:56 | 7440-41-7 | |
| Cadmium | <0.13 | mg/kg | 0.48 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 18:56 | 7440-43-9 | |
| Chromium | 6.7 | mg/kg | 0.96 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 18:56 | 7440-47-3 | |
| Copper | 8.9 | mg/kg | 0.96 | 0.26 | 1 | 10/16/20 07:47 | 10/16/20 18:56 | 7440-50-8 | |
| Lead | 2.0 | mg/kg | 1.9 | 0.57 | 1 | 10/16/20 07:47 | 10/16/20 18:56 | 7439-92-1 | |
| Nickel | 6.4 | mg/kg | 0.96 | 0.25 | 1 | 10/16/20 07:47 | 10/16/20 18:56 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 3.8 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:56 | 7782-49-2 | |
| Silver | <0.29 | mg/kg | 0.96 | 0.29 | 1 | 10/16/20 07:47 | 10/16/20 18:56 | 7440-22-4 | |
| Thallium | <0.74 | mg/kg | 3.8 | 0.74 | 1 | 10/16/20 07:47 | 10/16/20 18:56 | 7440-28-0 | |
| Zinc | 12.1 | mg/kg | 3.8 | 1.1 | 1 | 10/16/20 07:47 | 10/16/20 18:56 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.0097 | mg/kg | 0.034 | 0.0097 | 1 | 10/20/20 07:09 | 10/20/20 10:22 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <248 | ug/kg | 826 | 248 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 83-32-9 | |
| Acenaphthylene | <249 | ug/kg | 831 | 249 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 208-96-8 | |
| Anthracene | <112 | ug/kg | 372 | 112 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 120-12-7 | |
| Benzo(a)anthracene | <108 | ug/kg | 361 | 108 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 56-55-3 | |
| Benzo(a)pyrene | <105 | ug/kg | 351 | 105 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 50-32-8 | |
| Benzo(b)fluoranthene | <120 | ug/kg | 400 | 120 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 205-99-2 | |
| Benzo(g,h,i)perylene | <183 | ug/kg | 609 | 183 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 191-24-2 | |
| Benzo(k)fluoranthene | <167 | ug/kg | 558 | 167 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 207-08-9 | |
| Chrysene | <105 | ug/kg | 348 | 105 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 218-01-9 | |
| Dibenz(a,h)anthracene | <190 | ug/kg | 633 | 190 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 53-70-3 | |
| Fluoranthene | <98.9 | ug/kg | 330 | 98.9 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 206-44-0 | |
| Fluorene | <81.7 | ug/kg | 272 | 81.7 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <151 | ug/kg | 504 | 151 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 193-39-5 | |
| 1-Methylnaphthalene | <199 | ug/kg | 663 | 199 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <181 | ug/kg | 605 | 181 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 91-57-6 | |
| Naphthalene | <244 | ug/kg | 815 | 244 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 91-20-3 | |
| Pentachlorophenol | <154 | ug/kg | 513 | 154 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 87-86-5 | |
| Phenanthrene | <89.7 | ug/kg | 299 | 89.7 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 85-01-8 | |
| Pyrene | <155 | ug/kg | 516 | 155 | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 47 | % | 17-110 | | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 70 | % | 45-103 | | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 321-60-8 | |
| Terphenyl-d14 (S) | 70 | % | 46-100 | | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 68 | % | 10-153 | | 4 | 10/16/20 12:40 | 10/19/20 17:23 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-13 (8'-12')** Lab ID: **40216442038** Collected: 10/13/20 08:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SB-13 (8'-12')** Lab ID: **40216442038** Collected: 10/13/20 08:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 101 | % | 58-145 | | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 1868-53-7 | |
| Toluene-d8 (S) | 116 | % | 56-140 | | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 104 | % | 52-137 | | 1 | 10/19/20 08:00 | 10/20/20 01:01 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 4.5 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:44 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
 Pace Project No.: 40216442

Sample: SBGW-1 (3'-7') **Lab ID: 40216442039** Collected: 10/12/20 07:45 Received: 10/13/20 15:39 Matrix: Solid
Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.79 | mg/kg | 2.0 | 0.79 | 1 | 10/16/20 07:47 | 10/16/20 18:58 | 7440-36-0 | |
| Arsenic | <1.4 | mg/kg | 2.5 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 18:58 | 7440-38-2 | |
| Beryllium | 0.38J | mg/kg | 0.39 | 0.12 | 1 | 10/16/20 07:47 | 10/16/20 18:58 | 7440-41-7 | |
| Cadmium | <0.13 | mg/kg | 0.49 | 0.13 | 1 | 10/16/20 07:47 | 10/16/20 18:58 | 7440-43-9 | |
| Chromium | 6.1 | mg/kg | 0.99 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 18:58 | 7440-47-3 | |
| Copper | 2.2 | mg/kg | 0.99 | 0.27 | 1 | 10/16/20 07:47 | 10/16/20 18:58 | 7440-50-8 | |
| Lead | 12.4 | mg/kg | 2.0 | 0.59 | 1 | 10/16/20 07:47 | 10/16/20 18:58 | 7439-92-1 | |
| Nickel | 1.9 | mg/kg | 0.99 | 0.26 | 1 | 10/16/20 07:47 | 10/16/20 18:58 | 7440-02-0 | |
| Selenium | <1.3 | mg/kg | 3.9 | 1.3 | 1 | 10/16/20 07:47 | 10/16/20 18:58 | 7782-49-2 | |
| Silver | <0.30 | mg/kg | 0.99 | 0.30 | 1 | 10/16/20 07:47 | 10/16/20 18:58 | 7440-22-4 | |
| Thallium | 1.4J | mg/kg | 3.9 | 0.76 | 1 | 10/16/20 07:47 | 10/16/20 18:58 | 7440-28-0 | |
| Zinc | 39.8 | mg/kg | 3.9 | 1.2 | 1 | 10/16/20 07:47 | 10/16/20 18:58 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.0096 | mg/kg | 0.034 | 0.0096 | 1 | 10/20/20 07:09 | 10/20/20 10:24 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <61.9 | ug/kg | 206 | 61.9 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 83-32-9 | |
| Acenaphthylene | <62.2 | ug/kg | 207 | 62.2 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 208-96-8 | |
| Anthracene | <27.9 | ug/kg | 92.9 | 27.9 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 120-12-7 | |
| Benzo(a)anthracene | <27.0 | ug/kg | 90.0 | 27.0 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 56-55-3 | |
| Benzo(a)pyrene | <26.2 | ug/kg | 87.5 | 26.2 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 50-32-8 | |
| Benzo(b)fluoranthene | <30.0 | ug/kg | 99.9 | 30.0 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 205-99-2 | |
| Benzo(g,h,i)perylene | <45.6 | ug/kg | 152 | 45.6 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 191-24-2 | |
| Benzo(k)fluoranthene | <41.8 | ug/kg | 139 | 41.8 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 207-08-9 | |
| Chrysene | <26.1 | ug/kg | 86.9 | 26.1 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 218-01-9 | |
| Dibenz(a,h)anthracene | <47.4 | ug/kg | 158 | 47.4 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 53-70-3 | |
| Fluoranthene | <24.7 | ug/kg | 82.3 | 24.7 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 206-44-0 | |
| Fluorene | <20.4 | ug/kg | 68.0 | 20.4 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <37.7 | ug/kg | 126 | 37.7 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 193-39-5 | |
| 1-Methylnaphthalene | <49.7 | ug/kg | 166 | 49.7 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 90-12-0 | |
| 2-Methylnaphthalene | <45.3 | ug/kg | 151 | 45.3 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 91-57-6 | |
| Naphthalene | <61.0 | ug/kg | 203 | 61.0 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 91-20-3 | |
| Pentachlorophenol | <38.4 | ug/kg | 128 | 38.4 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 87-86-5 | |
| Phenanthrene | <22.4 | ug/kg | 74.6 | 22.4 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 85-01-8 | |
| Pyrene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 31 | % | 17-110 | | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 42 | % | 45-103 | | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 321-60-8 | S0 |
| Terphenyl-d14 (S) | 53 | % | 46-100 | | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 44 | % | 10-153 | | 1 | 10/22/20 10:20 | 10/22/20 14:24 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SBGW-1 (3'-7')** Lab ID: **40216442039** Collected: 10/12/20 07:45 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SBGW-1 (3'-7') **Lab ID: 40216442039** Collected: 10/12/20 07:45 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 101 | % | 58-145 | | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 1868-53-7 | |
| Toluene-d8 (S) | 120 | % | 56-140 | | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 108 | % | 52-137 | | 1 | 10/19/20 08:00 | 10/20/20 01:28 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 4.2 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:44 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SBGW-1 (11'-15') **Lab ID: 40216442040** Collected: 10/12/20 08:05 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.96 | mg/kg | 2.4 | 0.96 | 1 | 10/16/20 07:47 | 10/16/20 19:00 | 7440-36-0 | |
| Arsenic | <1.8 | mg/kg | 3.0 | 1.8 | 1 | 10/16/20 07:47 | 10/16/20 19:00 | 7440-38-2 | |
| Beryllium | 0.39J | mg/kg | 0.48 | 0.14 | 1 | 10/16/20 07:47 | 10/16/20 19:00 | 7440-41-7 | |
| Cadmium | 0.46J | mg/kg | 0.60 | 0.16 | 1 | 10/16/20 07:47 | 10/16/20 19:00 | 7440-43-9 | |
| Chromium | 15.0 | mg/kg | 1.2 | 0.33 | 1 | 10/16/20 07:47 | 10/16/20 19:00 | 7440-47-3 | |
| Copper | 15.1 | mg/kg | 1.2 | 0.33 | 1 | 10/16/20 07:47 | 10/16/20 19:00 | 7440-50-8 | |
| Lead | 20.7 | mg/kg | 2.4 | 0.72 | 1 | 10/16/20 07:47 | 10/16/20 19:00 | 7439-92-1 | |
| Nickel | 10.8 | mg/kg | 1.2 | 0.32 | 1 | 10/16/20 07:47 | 10/16/20 19:00 | 7440-02-0 | |
| Selenium | <1.6 | mg/kg | 4.8 | 1.6 | 1 | 10/16/20 07:47 | 10/16/20 19:00 | 7782-49-2 | |
| Silver | <0.37 | mg/kg | 1.2 | 0.37 | 1 | 10/16/20 07:47 | 10/16/20 19:00 | 7440-22-4 | |
| Thallium | <0.93 | mg/kg | 4.8 | 0.93 | 1 | 10/16/20 07:47 | 10/16/20 19:00 | 7440-28-0 | |
| Zinc | 76.6 | mg/kg | 4.8 | 1.4 | 1 | 10/16/20 07:47 | 10/16/20 19:00 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | 0.050 | mg/kg | 0.039 | 0.011 | 1 | 10/20/20 07:09 | 10/20/20 10:26 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <747 | ug/kg | 2490 | 747 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 83-32-9 | |
| Acenaphthylene | <751 | ug/kg | 2500 | 751 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 208-96-8 | |
| Anthracene | <337 | ug/kg | 1120 | 337 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 120-12-7 | |
| Benzo(a)anthracene | <326 | ug/kg | 1090 | 326 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 56-55-3 | |
| Benzo(a)pyrene | <317 | ug/kg | 1060 | 317 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 50-32-8 | |
| Benzo(b)fluoranthene | <362 | ug/kg | 1210 | 362 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 205-99-2 | |
| Benzo(g,h,i)perylene | <551 | ug/kg | 1840 | 551 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 191-24-2 | |
| Benzo(k)fluoranthene | <504 | ug/kg | 1680 | 504 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 207-08-9 | |
| Chrysene | <315 | ug/kg | 1050 | 315 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 218-01-9 | |
| Dibenz(a,h)anthracene | <572 | ug/kg | 1910 | 572 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 53-70-3 | |
| Fluoranthene | <298 | ug/kg | 993 | 298 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 206-44-0 | |
| Fluorene | <246 | ug/kg | 820 | 246 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <456 | ug/kg | 1520 | 456 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 193-39-5 | |
| 1-Methylnaphthalene | <600 | ug/kg | 2000 | 600 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <547 | ug/kg | 1820 | 547 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 91-57-6 | |
| Naphthalene | <736 | ug/kg | 2450 | 736 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 91-20-3 | |
| Pentachlorophenol | <464 | ug/kg | 1550 | 464 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 87-86-5 | |
| Phenanthrene | <270 | ug/kg | 901 | 270 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 85-01-8 | |
| Pyrene | <467 | ug/kg | 1560 | 467 | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 50 | % | 17-110 | | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 69 | % | 45-103 | | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 321-60-8 | |
| Terphenyl-d14 (S) | 74 | % | 46-100 | | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 74 | % | 10-153 | | 10 | 10/16/20 12:40 | 10/19/20 14:57 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SBGW-1 (11'-15')** Lab ID: **40216442040** Collected: 10/12/20 08:05 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SBGW-1 (11'-15')** Lab ID: **40216442040** Collected: 10/12/20 08:05 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 99 | % | 58-145 | | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 1868-53-7 | |
| Toluene-d8 (S) | 117 | % | 56-140 | | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 102 | % | 52-137 | | 1 | 10/19/20 08:00 | 10/20/20 01:55 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 20.7 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:44 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SBGW-2 (0.5'-4') **Lab ID: 40216442041** Collected: 10/12/20 09:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.94 | mg/kg | 2.4 | 0.94 | 1 | 10/16/20 07:19 | 10/19/20 14:11 | 7440-36-0 | |
| Arsenic | <1.7 | mg/kg | 3.0 | 1.7 | 1 | 10/16/20 07:19 | 10/19/20 14:11 | 7440-38-2 | |
| Beryllium | 0.46J | mg/kg | 0.47 | 0.14 | 1 | 10/16/20 07:19 | 10/19/20 14:11 | 7440-41-7 | |
| Cadmium | <0.16 | mg/kg | 0.59 | 0.16 | 1 | 10/16/20 07:19 | 10/19/20 14:11 | 7440-43-9 | |
| Chromium | 13.7 | mg/kg | 1.2 | 0.33 | 1 | 10/16/20 07:19 | 10/19/20 14:11 | 7440-47-3 | |
| Copper | 12.4 | mg/kg | 1.2 | 0.33 | 1 | 10/16/20 07:19 | 10/19/20 14:11 | 7440-50-8 | |
| Lead | 9.0 | mg/kg | 2.4 | 0.71 | 1 | 10/16/20 07:19 | 10/19/20 14:11 | 7439-92-1 | |
| Nickel | 14.4 | mg/kg | 1.2 | 0.31 | 1 | 10/16/20 07:19 | 10/19/20 14:11 | 7440-02-0 | |
| Selenium | <1.6 | mg/kg | 4.7 | 1.6 | 1 | 10/16/20 07:19 | 10/19/20 14:11 | 7782-49-2 | |
| Silver | <0.36 | mg/kg | 1.2 | 0.36 | 1 | 10/16/20 07:19 | 10/19/20 14:11 | 7440-22-4 | |
| Thallium | <0.92 | mg/kg | 4.7 | 0.92 | 1 | 10/16/20 07:19 | 10/19/20 14:11 | 7440-28-0 | |
| Zinc | 34.5 | mg/kg | 4.7 | 1.4 | 1 | 10/16/20 07:19 | 10/19/20 14:11 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.011 | mg/kg | 0.039 | 0.011 | 1 | 10/20/20 07:09 | 10/20/20 10:29 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <280 | ug/kg | 934 | 280 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 83-32-9 | |
| Acenaphthylene | <282 | ug/kg | 940 | 282 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 208-96-8 | |
| Anthracene | <126 | ug/kg | 421 | 126 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 120-12-7 | |
| Benzo(a)anthracene | <122 | ug/kg | 408 | 122 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 56-55-3 | |
| Benzo(a)pyrene | <119 | ug/kg | 396 | 119 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 50-32-8 | |
| Benzo(b)fluoranthene | <136 | ug/kg | 453 | 136 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 205-99-2 | |
| Benzo(g,h,i)perylene | <207 | ug/kg | 689 | 207 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 191-24-2 | |
| Benzo(k)fluoranthene | <189 | ug/kg | 631 | 189 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 207-08-9 | |
| Chrysene | <118 | ug/kg | 394 | 118 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 218-01-9 | |
| Dibenz(a,h)anthracene | <215 | ug/kg | 716 | 215 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 53-70-3 | |
| Fluoranthene | 123J | ug/kg | 373 | 112 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 206-44-0 | |
| Fluorene | <92.4 | ug/kg | 308 | 92.4 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <171 | ug/kg | 570 | 171 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 193-39-5 | |
| 1-Methylnaphthalene | <225 | ug/kg | 750 | 225 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <205 | ug/kg | 684 | 205 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 91-57-6 | |
| Naphthalene | <276 | ug/kg | 921 | 276 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 91-20-3 | |
| Pentachlorophenol | <174 | ug/kg | 580 | 174 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 87-86-5 | |
| Phenanthrene | <101 | ug/kg | 338 | 101 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 85-01-8 | |
| Pyrene | <175 | ug/kg | 584 | 175 | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 50 | % | 17-110 | | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 65 | % | 45-103 | | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 321-60-8 | |
| Terphenyl-d14 (S) | 69 | % | 46-100 | | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 71 | % | 10-153 | | 4 | 10/16/20 12:40 | 10/19/20 17:44 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SBGW-2 (0.5'-4')** Lab ID: **40216442041** Collected: 10/12/20 09:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SBGW-2 (0.5'-4')** Lab ID: **40216442041** Collected: 10/12/20 09:00 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 93 | % | 58-145 | | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 1868-53-7 | |
| Toluene-d8 (S) | 116 | % | 56-140 | | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 104 | % | 52-137 | | 1 | 10/19/20 08:00 | 10/20/20 13:49 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 15.6 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:44 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: SBGW-2 (12'-16') **Lab ID:** 40216442042 **Collected:** 10/12/20 09:05 **Received:** 10/13/20 15:39 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.83 | mg/kg | 2.1 | 0.83 | 1 | 10/16/20 07:19 | 10/19/20 13:56 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.6 | 1.5 | 1 | 10/16/20 07:19 | 10/19/20 13:56 | 7440-38-2 | |
| Beryllium | 0.25J | mg/kg | 0.42 | 0.12 | 1 | 10/16/20 07:19 | 10/19/20 13:56 | 7440-41-7 | |
| Cadmium | <0.14 | mg/kg | 0.52 | 0.14 | 1 | 10/16/20 07:19 | 10/19/20 13:56 | 7440-43-9 | |
| Chromium | 15.4 | mg/kg | 1.0 | 0.29 | 1 | 10/16/20 07:19 | 10/19/20 13:56 | 7440-47-3 | |
| Copper | 21.2 | mg/kg | 1.0 | 0.29 | 1 | 10/16/20 07:19 | 10/19/20 13:56 | 7440-50-8 | |
| Lead | 2.7 | mg/kg | 2.1 | 0.62 | 1 | 10/16/20 07:19 | 10/19/20 13:56 | 7439-92-1 | |
| Nickel | 10.7 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:19 | 10/19/20 13:56 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.2 | 1.4 | 1 | 10/16/20 07:19 | 10/19/20 13:56 | 7782-49-2 | |
| Silver | <0.32 | mg/kg | 1.0 | 0.32 | 1 | 10/16/20 07:19 | 10/19/20 13:56 | 7440-22-4 | |
| Thallium | <0.81 | mg/kg | 4.2 | 0.81 | 1 | 10/16/20 07:19 | 10/19/20 13:56 | 7440-28-0 | |
| Zinc | 13.5 | mg/kg | 4.2 | 1.2 | 1 | 10/16/20 07:19 | 10/19/20 13:56 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.0093 | mg/kg | 0.033 | 0.0093 | 1 | 10/20/20 07:09 | 10/20/20 10:31 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <247 | ug/kg | 822 | 247 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 83-32-9 | |
| Acenaphthylene | <248 | ug/kg | 827 | 248 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 208-96-8 | |
| Anthracene | <111 | ug/kg | 370 | 111 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 120-12-7 | |
| Benzo(a)anthracene | <108 | ug/kg | 359 | 108 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 56-55-3 | |
| Benzo(a)pyrene | <105 | ug/kg | 349 | 105 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 50-32-8 | |
| Benzo(b)fluoranthene | <119 | ug/kg | 398 | 119 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 205-99-2 | |
| Benzo(g,h,i)perylene | <182 | ug/kg | 606 | 182 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 191-24-2 | |
| Benzo(k)fluoranthene | <166 | ug/kg | 555 | 166 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 207-08-9 | |
| Chrysene | <104 | ug/kg | 347 | 104 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 218-01-9 | |
| Dibenz(a,h)anthracene | <189 | ug/kg | 630 | 189 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 53-70-3 | |
| Fluoranthene | <98.4 | ug/kg | 328 | 98.4 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 206-44-0 | |
| Fluorene | <81.3 | ug/kg | 271 | 81.3 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <150 | ug/kg | 501 | 150 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 193-39-5 | |
| 1-Methylnaphthalene | <198 | ug/kg | 660 | 198 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 90-12-0 | D3 |
| 2-Methylnaphthalene | <181 | ug/kg | 602 | 181 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 91-57-6 | |
| Naphthalene | <243 | ug/kg | 810 | 243 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 91-20-3 | |
| Pentachlorophenol | <153 | ug/kg | 510 | 153 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 87-86-5 | |
| Phenanthrene | <89.2 | ug/kg | 297 | 89.2 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 85-01-8 | |
| Pyrene | <154 | ug/kg | 514 | 154 | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 52 | % | 17-110 | | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 72 | % | 45-103 | | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 321-60-8 | |
| Terphenyl-d14 (S) | 80 | % | 46-100 | | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 79 | % | 10-153 | | 4 | 10/16/20 12:40 | 10/19/20 18:05 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SBGW-2 (12'-16')** Lab ID: **40216442042** Collected: 10/12/20 09:05 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SBGW-2 (12'-16')** Lab ID: **40216442042** Collected: 10/12/20 09:05 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 94 | % | 58-145 | | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 1868-53-7 | |
| Toluene-d8 (S) | 113 | % | 56-140 | | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 107 | % | 52-137 | | 1 | 10/19/20 08:00 | 10/20/20 16:26 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 4.0 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:44 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SBGW-3 (0'-4') **Lab ID:** 40216442043 Collected: 10/12/20 10:35 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|-------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <4.7 | mg/kg | 11.8 | 4.7 | 5 | 10/16/20 07:19 | 10/19/20 14:15 | 7440-36-0 | D3 |
| Arsenic | <8.7 | mg/kg | 14.8 | 8.7 | 5 | 10/16/20 07:19 | 10/19/20 14:15 | 7440-38-2 | D3 |
| Beryllium | 0.86J | mg/kg | 2.4 | 0.70 | 5 | 10/16/20 07:19 | 10/19/20 14:15 | 7440-41-7 | D3 |
| Cadmium | <0.79 | mg/kg | 3.0 | 0.79 | 5 | 10/16/20 07:19 | 10/19/20 14:15 | 7440-43-9 | D3 |
| Chromium | 8.8 | mg/kg | 5.9 | 1.6 | 5 | 10/16/20 07:19 | 10/19/20 14:15 | 7440-47-3 | |
| Copper | 6.4 | mg/kg | 5.9 | 1.6 | 5 | 10/16/20 07:19 | 10/19/20 14:15 | 7440-50-8 | |
| Lead | 15.1 | mg/kg | 11.8 | 3.5 | 5 | 10/16/20 07:19 | 10/19/20 14:15 | 7439-92-1 | |
| Nickel | 5.6J | mg/kg | 5.9 | 1.6 | 5 | 10/16/20 07:19 | 10/19/20 14:15 | 7440-02-0 | D3 |
| Selenium | <7.7 | mg/kg | 23.6 | 7.7 | 5 | 10/16/20 07:19 | 10/19/20 14:15 | 7782-49-2 | D3 |
| Silver | <1.8 | mg/kg | 5.9 | 1.8 | 5 | 10/16/20 07:19 | 10/19/20 14:15 | 7440-22-4 | D3 |
| Thallium | <4.6 | mg/kg | 23.6 | 4.6 | 5 | 10/16/20 07:19 | 10/19/20 14:15 | 7440-28-0 | D3 |
| Zinc | 78.5 | mg/kg | 23.6 | 7.1 | 5 | 10/16/20 07:19 | 10/19/20 14:15 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.011 | mg/kg | 0.038 | 0.011 | 1 | 10/20/20 07:09 | 10/20/20 10:33 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <71.8 | ug/kg | 239 | 71.8 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 83-32-9 | |
| Acenaphthylene | <72.2 | ug/kg | 241 | 72.2 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 208-96-8 | |
| Anthracene | <32.3 | ug/kg | 108 | 32.3 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 120-12-7 | |
| Benzo(a)anthracene | <31.3 | ug/kg | 104 | 31.3 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 56-55-3 | |
| Benzo(a)pyrene | <30.4 | ug/kg | 101 | 30.4 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 50-32-8 | |
| Benzo(b)fluoranthene | <34.8 | ug/kg | 116 | 34.8 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 205-99-2 | |
| Benzo(g,h,i)perylene | <52.9 | ug/kg | 176 | 52.9 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 191-24-2 | |
| Benzo(k)fluoranthene | <48.5 | ug/kg | 162 | 48.5 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 207-08-9 | |
| Chrysene | <30.3 | ug/kg | 101 | 30.3 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 218-01-9 | |
| Dibenz(a,h)anthracene | <55.0 | ug/kg | 183 | 55.0 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 53-70-3 | |
| Fluoranthene | <28.6 | ug/kg | 95.5 | 28.6 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 206-44-0 | |
| Fluorene | <23.7 | ug/kg | 78.8 | 23.7 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <43.8 | ug/kg | 146 | 43.8 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 193-39-5 | |
| 1-Methylnaphthalene | <57.6 | ug/kg | 192 | 57.6 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 90-12-0 | |
| 2-Methylnaphthalene | <52.5 | ug/kg | 175 | 52.5 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 91-57-6 | |
| Naphthalene | <70.8 | ug/kg | 236 | 70.8 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 91-20-3 | |
| Pentachlorophenol | <44.6 | ug/kg | 149 | 44.6 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 87-86-5 | |
| Phenanthrene | <26.0 | ug/kg | 86.5 | 26.0 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 85-01-8 | |
| Pyrene | <44.9 | ug/kg | 150 | 44.9 | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 69 | % | 17-110 | | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 75 | % | 45-103 | | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 321-60-8 | |
| Terphenyl-d14 (S) | 84 | % | 46-100 | | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 83 | % | 10-153 | | 1 | 10/19/20 12:59 | 10/20/20 14:30 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SBGW-3 (0'-4')** Lab ID: **40216442043** Collected: 10/12/20 10:35 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SBGW-3 (0'-4')** Lab ID: **40216442043** Collected: 10/12/20 10:35 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 95 | % | 58-145 | | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 1868-53-7 | |
| Toluene-d8 (S) | 111 | % | 56-140 | | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 101 | % | 52-137 | | 1 | 10/19/20 08:00 | 10/20/20 14:23 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 17.4 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:44 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

Sample: SBGW-3 (8'-12') **Lab ID: 40216442044** Collected: 10/12/20 10:50 Received: 10/13/20 15:39 Matrix: Solid
Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|-----------|------|
| 6010 MET ICP | | | | | | | | | |
| Analytical Method: EPA 6010 Preparation Method: EPA 3050 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.83 | mg/kg | 2.1 | 0.83 | 1 | 10/16/20 07:19 | 10/19/20 14:18 | 7440-36-0 | |
| Arsenic | <1.5 | mg/kg | 2.6 | 1.5 | 1 | 10/16/20 07:19 | 10/19/20 14:18 | 7440-38-2 | |
| Beryllium | 0.33J | mg/kg | 0.42 | 0.12 | 1 | 10/16/20 07:19 | 10/19/20 14:18 | 7440-41-7 | |
| Cadmium | <0.14 | mg/kg | 0.52 | 0.14 | 1 | 10/16/20 07:19 | 10/19/20 14:18 | 7440-43-9 | |
| Chromium | 19.3 | mg/kg | 1.0 | 0.29 | 1 | 10/16/20 07:19 | 10/19/20 14:18 | 7440-47-3 | |
| Copper | 23.0 | mg/kg | 1.0 | 0.29 | 1 | 10/16/20 07:19 | 10/19/20 14:18 | 7440-50-8 | |
| Lead | 3.2 | mg/kg | 2.1 | 0.62 | 1 | 10/16/20 07:19 | 10/19/20 14:18 | 7439-92-1 | |
| Nickel | 24.2 | mg/kg | 1.0 | 0.28 | 1 | 10/16/20 07:19 | 10/19/20 14:18 | 7440-02-0 | |
| Selenium | <1.4 | mg/kg | 4.2 | 1.4 | 1 | 10/16/20 07:19 | 10/19/20 14:18 | 7782-49-2 | |
| Silver | <0.32 | mg/kg | 1.0 | 0.32 | 1 | 10/16/20 07:19 | 10/19/20 14:18 | 7440-22-4 | |
| Thallium | <0.81 | mg/kg | 4.2 | 0.81 | 1 | 10/16/20 07:19 | 10/19/20 14:18 | 7440-28-0 | |
| Zinc | 24.0 | mg/kg | 4.2 | 1.2 | 1 | 10/16/20 07:19 | 10/19/20 14:18 | 7440-66-6 | |
| 7471 Mercury | | | | | | | | | |
| Analytical Method: EPA 7471 Preparation Method: EPA 7471 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.0096 | mg/kg | 0.034 | 0.0096 | 1 | 10/20/20 07:09 | 10/20/20 10:36 | 7439-97-6 | |
| 8270 MSSV FULL LIST MICROWAVE | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3546 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <63.6 | ug/kg | 212 | 63.6 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 83-32-9 | |
| Acenaphthylene | <64.0 | ug/kg | 213 | 64.0 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 208-96-8 | |
| Anthracene | <28.7 | ug/kg | 95.5 | 28.7 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 120-12-7 | |
| Benzo(a)anthracene | <27.8 | ug/kg | 92.6 | 27.8 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 56-55-3 | |
| Benzo(a)pyrene | <27.0 | ug/kg | 89.9 | 27.0 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 50-32-8 | |
| Benzo(b)fluoranthene | <30.8 | ug/kg | 103 | 30.8 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 205-99-2 | |
| Benzo(g,h,i)perylene | <46.9 | ug/kg | 156 | 46.9 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 191-24-2 | |
| Benzo(k)fluoranthene | <42.9 | ug/kg | 143 | 42.9 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 207-08-9 | |
| Chrysene | <26.8 | ug/kg | 89.4 | 26.8 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 218-01-9 | |
| Dibenz(a,h)anthracene | <48.7 | ug/kg | 162 | 48.7 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 53-70-3 | |
| Fluoranthene | <25.4 | ug/kg | 84.6 | 25.4 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 206-44-0 | |
| Fluorene | <21.0 | ug/kg | 69.9 | 21.0 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <38.8 | ug/kg | 129 | 38.8 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 193-39-5 | |
| 1-Methylnaphthalene | <51.1 | ug/kg | 170 | 51.1 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 90-12-0 | |
| 2-Methylnaphthalene | <46.6 | ug/kg | 155 | 46.6 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 91-57-6 | |
| Naphthalene | <62.7 | ug/kg | 209 | 62.7 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 91-20-3 | |
| Pentachlorophenol | <39.5 | ug/kg | 132 | 39.5 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 87-86-5 | |
| Phenanthrene | <23.0 | ug/kg | 76.7 | 23.0 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 85-01-8 | |
| Pyrene | <39.7 | ug/kg | 132 | 39.7 | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 64 | % | 17-110 | | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 80 | % | 45-103 | | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 321-60-8 | |
| Terphenyl-d14 (S) | 87 | % | 46-100 | | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 1718-51-0 | |
| 2,4,6-Tribromophenol (S) | 84 | % | 10-153 | | 1 | 10/19/20 12:59 | 10/20/20 15:08 | 118-79-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SBGW-3 (8'-12')** Lab ID: **40216442044** Collected: 10/12/20 10:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|------|------|----|----------------|----------------|------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 71-43-2 | W |
| Bromobenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 108-86-1 | W |
| Bromochloromethane | <25.0 | ug/kg | 70.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 74-97-5 | W |
| Bromodichloromethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 75-27-4 | W |
| Bromoform | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 75-25-2 | W |
| Bromomethane | <63.8 | ug/kg | 250 | 63.8 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 74-83-9 | W |
| n-Butylbenzene | <30.0 | ug/kg | 100 | 30.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 104-51-8 | W |
| sec-Butylbenzene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 135-98-8 | W |
| tert-Butylbenzene | <25.0 | ug/kg | 62.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 98-06-6 | W |
| Carbon tetrachloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 56-23-5 | W |
| Chlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 108-90-7 | W |
| Chloroethane | <46.4 | ug/kg | 250 | 46.4 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 75-00-3 | W |
| Chloroform | <47.5 | ug/kg | 250 | 47.5 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 67-66-3 | W |
| Chloromethane | <25.0 | ug/kg | 80.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 74-87-3 | W |
| 2-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 95-49-8 | W |
| 4-Chlorotoluene | <25.0 | ug/kg | 64.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 106-43-4 | W |
| 1,2-Dibromo-3-chloropropane | <237 | ug/kg | 789 | 237 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 96-12-8 | W |
| Dibromochloromethane | <229 | ug/kg | 763 | 229 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 124-48-1 | W |
| 1,2-Dibromoethane (EDB) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 106-93-4 | W |
| Dibromomethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 74-95-3 | W |
| 1,2-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 95-50-1 | W |
| 1,3-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 541-73-1 | W |
| 1,4-Dichlorobenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 106-46-7 | W |
| Dichlorodifluoromethane | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 75-71-8 | W |
| 1,1-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 75-34-3 | W |
| 1,2-Dichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 107-06-2 | W |
| 1,1-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 75-35-4 | W |
| cis-1,2-Dichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 156-59-2 | W |
| trans-1,2-Dichloroethene | <25.0 | ug/kg | 67.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 156-60-5 | W |
| 1,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 78-87-5 | W |
| 1,3-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 142-28-9 | W |
| 2,2-Dichloropropane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 594-20-7 | W |
| 1,1-Dichloropropene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 563-58-6 | W |
| cis-1,3-Dichloropropene | <42.3 | ug/kg | 141 | 42.3 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 10061-01-5 | W |
| trans-1,3-Dichloropropene | <25.0 | ug/kg | 74.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 10061-02-6 | W |
| Diisopropyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 108-20-3 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 100-41-4 | W |
| Hexachloro-1,3-butadiene | <68.7 | ug/kg | 229 | 68.7 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 87-68-3 | W |
| Isopropylbenzene (Cumene) | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 98-82-8 | W |
| p-Isopropyltoluene | <25.0 | ug/kg | 72.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 99-87-6 | W |
| Methylene Chloride | <26.3 | ug/kg | 88.0 | 26.3 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 75-09-2 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 1634-04-4 | W |
| Naphthalene | <27.3 | ug/kg | 91.0 | 27.3 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 91-20-3 | W |
| n-Propylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 103-65-1 | W |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

Sample: **SBGW-3 (8'-12')** Lab ID: **40216442044** Collected: 10/12/20 10:50 Received: 10/13/20 15:39 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| 8260 MSV Med Level Normal List | | | | | | | | | |
| Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Styrene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 100-42-5 | W |
| 1,1,1,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 630-20-6 | W |
| 1,1,2,2-Tetrachloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 79-34-5 | W |
| Tetrachloroethene | <38.7 | ug/kg | 129 | 38.7 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 127-18-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 108-88-3 | W |
| 1,2,3-Trichlorobenzene | <47.3 | ug/kg | 158 | 47.3 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 87-61-6 | W |
| 1,2,4-Trichlorobenzene | <41.7 | ug/kg | 250 | 41.7 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 120-82-1 | W |
| 1,1,1-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 71-55-6 | W |
| 1,1,2-Trichloroethane | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 79-00-5 | W |
| Trichloroethene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 79-01-6 | W |
| Trichlorofluoromethane | <25.0 | ug/kg | 65.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 75-69-4 | W |
| 1,2,3-Trichloropropane | <37.4 | ug/kg | 125 | 37.4 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 96-18-4 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 108-67-8 | W |
| Vinyl chloride | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 75-01-4 | W |
| Xylene (Total) | <75.0 | ug/kg | 180 | 75.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 1330-20-7 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| Dibromofluoromethane (S) | 95 | % | 58-145 | | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 1868-53-7 | |
| Toluene-d8 (S) | 119 | % | 56-140 | | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 2037-26-5 | |
| 4-Bromofluorobenzene (S) | 106 | % | 52-137 | | 1 | 10/19/20 08:00 | 10/20/20 13:22 | 460-00-4 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Percent Moisture | 6.9 | % | 0.10 | 0.10 | 1 | | 10/14/20 08:44 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

| | | | |
|------------------|----------|-----------------------|--------------------------------------|
| QC Batch: | 368337 | Analysis Method: | EPA 7471 |
| QC Batch Method: | EPA 7471 | Analysis Description: | 7471 Mercury |
| | | Laboratory: | Pace Analytical Services - Green Bay |

Associated Lab Samples: 40216442001, 40216442002, 40216442003, 40216442004, 40216442005, 40216442006, 40216442007, 40216442008, 40216442009

METHOD BLANK: 2129242 Matrix: Solid
Associated Lab Samples: 40216442001, 40216442002, 40216442003, 40216442004, 40216442005, 40216442006, 40216442007, 40216442008, 40216442009

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Mercury | mg/kg | <0.010 | 0.035 | 10/15/20 12:18 | |

LABORATORY CONTROL SAMPLE: 2129243

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Mercury | mg/kg | 0.83 | 0.91 | 110 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129244 2129245

| Parameter | Units | 40216239002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Mercury | mg/kg | 0.024J | 0.99 | 0.99 | 1.0 | 1.0 | 100 | 101 | 85-115 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

| | | | |
|------------------|----------|-----------------------|--------------------------------------|
| QC Batch: | 368338 | Analysis Method: | EPA 7471 |
| QC Batch Method: | EPA 7471 | Analysis Description: | 7471 Mercury |
| | | Laboratory: | Pace Analytical Services - Green Bay |

Associated Lab Samples: 40216442010, 40216442011, 40216442012, 40216442013, 40216442014, 40216442015, 40216442016, 40216442017, 40216442018, 40216442019, 40216442020, 40216442021, 40216442022, 40216442023, 40216442024, 40216442025, 40216442026, 40216442027, 40216442028, 40216442029

METHOD BLANK: 2129246 Matrix: Solid
Associated Lab Samples: 40216442010, 40216442011, 40216442012, 40216442013, 40216442014, 40216442015, 40216442016, 40216442017, 40216442018, 40216442019, 40216442020, 40216442021, 40216442022, 40216442023, 40216442024, 40216442025, 40216442026, 40216442027, 40216442028, 40216442029

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Mercury | mg/kg | <0.010 | 0.035 | 10/15/20 13:23 | |

LABORATORY CONTROL SAMPLE: 2129247

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Mercury | mg/kg | 0.83 | 0.87 | 104 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129248 2129249

| Parameter | Units | 40216442010 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Mercury | mg/kg | <0.011 | 0.94 | 0.94 | 0.98 | 0.98 | 105 | 105 | 85-115 | 0 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

| | | | |
|------------------|----------|-----------------------|--------------------------------------|
| QC Batch: | 368481 | Analysis Method: | EPA 7471 |
| QC Batch Method: | EPA 7471 | Analysis Description: | 7471 Mercury |
| | | Laboratory: | Pace Analytical Services - Green Bay |

Associated Lab Samples: 40216442030, 40216442031, 40216442032, 40216442033, 40216442034, 40216442035, 40216442036, 40216442037, 40216442038, 40216442039, 40216442040, 40216442041, 40216442042, 40216442043, 40216442044

METHOD BLANK: 2130178 Matrix: Solid
Associated Lab Samples: 40216442030, 40216442031, 40216442032, 40216442033, 40216442034, 40216442035, 40216442036, 40216442037, 40216442038, 40216442039, 40216442040, 40216442041, 40216442042, 40216442043, 40216442044

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Mercury | mg/kg | <0.010 | 0.035 | 10/20/20 09:49 | |

LABORATORY CONTROL SAMPLE: 2130179

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Mercury | mg/kg | 0.83 | 0.86 | 103 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2130180 2130181

| Parameter | Units | 40216442030 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Mercury | mg/kg | <0.011 | 0.89 | 0.89 | 0.92 | 0.91 | 103 | 102 | 85-115 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

QC Batch: 368357 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40216442001, 40216442002, 40216442003, 40216442004, 40216442005, 40216442006, 40216442007, 40216442008, 40216442009, 40216442010, 40216442011, 40216442012, 40216442013, 40216442014, 40216442015, 40216442016, 40216442017, 40216442018, 40216442019, 40216442020

METHOD BLANK: 2129333 Matrix: Solid
Associated Lab Samples: 40216442001, 40216442002, 40216442003, 40216442004, 40216442005, 40216442006, 40216442007, 40216442008, 40216442009, 40216442010, 40216442011, 40216442012, 40216442013, 40216442014, 40216442015, 40216442016, 40216442017, 40216442018, 40216442019, 40216442020

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Antimony | mg/kg | <0.80 | 2.0 | 10/16/20 19:03 | |
| Arsenic | mg/kg | <1.5 | 2.5 | 10/16/20 19:03 | |
| Beryllium | mg/kg | <0.12 | 0.40 | 10/16/20 19:03 | |
| Cadmium | mg/kg | <0.13 | 0.50 | 10/16/20 19:03 | |
| Chromium | mg/kg | <0.28 | 1.0 | 10/16/20 19:03 | |
| Copper | mg/kg | <0.28 | 1.0 | 10/16/20 19:03 | |
| Lead | mg/kg | <0.60 | 2.0 | 10/16/20 19:03 | |
| Nickel | mg/kg | <0.26 | 1.0 | 10/16/20 19:03 | |
| Selenium | mg/kg | <1.3 | 4.0 | 10/16/20 19:03 | |
| Silver | mg/kg | <0.31 | 1.0 | 10/16/20 19:03 | |
| Thallium | mg/kg | <0.78 | 4.0 | 10/16/20 19:03 | |
| Zinc | mg/kg | <1.2 | 4.0 | 10/16/20 19:03 | |

LABORATORY CONTROL SAMPLE: 2129334

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Antimony | mg/kg | 50 | 51.7 | 103 | 80-120 | |
| Arsenic | mg/kg | 50 | 50.6 | 101 | 80-120 | |
| Beryllium | mg/kg | 50 | 49.9 | 100 | 80-120 | |
| Cadmium | mg/kg | 50 | 50.2 | 100 | 80-120 | |
| Chromium | mg/kg | 50 | 50.1 | 100 | 80-120 | |
| Copper | mg/kg | 50 | 49.0 | 98 | 80-120 | |
| Lead | mg/kg | 50 | 51.9 | 104 | 80-120 | |
| Nickel | mg/kg | 50 | 51.2 | 102 | 80-120 | |
| Selenium | mg/kg | 50 | 50.1 | 100 | 80-120 | |
| Silver | mg/kg | 25 | 25.3 | 101 | 80-120 | |
| Thallium | mg/kg | 50 | 49.6 | 99 | 80-120 | |
| Zinc | mg/kg | 50 | 51.4 | 103 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129335 2129336

| Parameter | Units | 40216442001 Result | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|--------------------|-------------|-----------|------------|------|----------|-----------|--------------|-----|---------|------|
| | | | Spike Conc. | MS Result | MSD Result | | | | | | | |
| Antimony | mg/kg | <1.3 | 82.6 | 82.9 | 64.4 | 65.9 | 78 | 79 | 75-125 | 2 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Parameter | Units | 2129335 | | 2129336 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|-----------------------|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|-----|------------|------|
| | | 40216442001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | | |
| Arsenic | mg/kg | 7.0 | 82.6 | 82.9 | 76.3 | 76.9 | 84 | 84 | 75-125 | 1 | 20 | | |
| Beryllium | mg/kg | 0.49J | 82.6 | 82.9 | 75.6 | 76.6 | 91 | 92 | 75-125 | 1 | 20 | | |
| Cadmium | mg/kg | 0.27J | 82.6 | 82.9 | 76.0 | 76.0 | 92 | 91 | 75-125 | 0 | 20 | | |
| Chromium | mg/kg | 55.4 | 82.6 | 82.9 | 94.6 | 92.3 | 48 | 44 | 75-125 | 2 | 20 | M0 | |
| Copper | mg/kg | 31.3 | 82.6 | 82.9 | 90.6 | 90.1 | 72 | 71 | 75-125 | 1 | 20 | M0 | |
| Lead | mg/kg | 32.5 | 82.6 | 82.9 | 106 | 103 | 89 | 85 | 75-125 | 3 | 20 | | |
| Nickel | mg/kg | 15.1 | 82.6 | 82.9 | 83.3 | 82.5 | 83 | 81 | 75-125 | 1 | 20 | | |
| Selenium | mg/kg | <2.2 | 82.6 | 82.9 | 73.8 | 73.8 | 88 | 87 | 75-125 | 0 | 20 | | |
| Silver | mg/kg | <0.51 | 41.2 | 41.4 | 38.4 | 39.2 | 93 | 94 | 75-125 | 2 | 20 | | |
| Thallium | mg/kg | 1.7J | 82.6 | 82.9 | 73.6 | 73.2 | 87 | 86 | 75-125 | 1 | 20 | | |
| Zinc | mg/kg | 87.1 | 82.6 | 82.9 | 191 | 190 | 126 | 124 | 75-125 | 0 | 20 | M0 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

| | | | |
|------------------|----------|-----------------------|--------------------------------------|
| QC Batch: | 368358 | Analysis Method: | EPA 6010 |
| QC Batch Method: | EPA 3050 | Analysis Description: | 6010 MET |
| | | Laboratory: | Pace Analytical Services - Green Bay |

Associated Lab Samples: 40216442021, 40216442022, 40216442023, 40216442024, 40216442025, 40216442026, 40216442027, 40216442028, 40216442029, 40216442030, 40216442031, 40216442032, 40216442033, 40216442034, 40216442035, 40216442036, 40216442037, 40216442038, 40216442039, 40216442040

METHOD BLANK: 2129337 Matrix: Solid
Associated Lab Samples: 40216442021, 40216442022, 40216442023, 40216442024, 40216442025, 40216442026, 40216442027, 40216442028, 40216442029, 40216442030, 40216442031, 40216442032, 40216442033, 40216442034, 40216442035, 40216442036, 40216442037, 40216442038, 40216442039, 40216442040

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Antimony | mg/kg | <0.80 | 2.0 | 10/16/20 17:51 | |
| Arsenic | mg/kg | <1.5 | 2.5 | 10/16/20 17:51 | |
| Beryllium | mg/kg | <0.12 | 0.40 | 10/16/20 17:51 | |
| Cadmium | mg/kg | <0.13 | 0.50 | 10/16/20 17:51 | |
| Chromium | mg/kg | <0.28 | 1.0 | 10/16/20 17:51 | |
| Copper | mg/kg | <0.28 | 1.0 | 10/16/20 17:51 | |
| Lead | mg/kg | <0.60 | 2.0 | 10/16/20 17:51 | |
| Nickel | mg/kg | <0.26 | 1.0 | 10/16/20 17:51 | |
| Selenium | mg/kg | <1.3 | 4.0 | 10/16/20 17:51 | |
| Silver | mg/kg | <0.31 | 1.0 | 10/16/20 17:51 | |
| Thallium | mg/kg | <0.78 | 4.0 | 10/16/20 17:51 | |
| Zinc | mg/kg | <1.2 | 4.0 | 10/16/20 17:51 | |

LABORATORY CONTROL SAMPLE: 2129338

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Antimony | mg/kg | 50 | 50.0 | 100 | 80-120 | |
| Arsenic | mg/kg | 50 | 49.7 | 99 | 80-120 | |
| Beryllium | mg/kg | 50 | 48.4 | 97 | 80-120 | |
| Cadmium | mg/kg | 50 | 48.5 | 97 | 80-120 | |
| Chromium | mg/kg | 50 | 49.7 | 99 | 80-120 | |
| Copper | mg/kg | 50 | 49.0 | 98 | 80-120 | |
| Lead | mg/kg | 50 | 49.5 | 99 | 80-120 | |
| Nickel | mg/kg | 50 | 49.2 | 98 | 80-120 | |
| Selenium | mg/kg | 50 | 49.3 | 99 | 80-120 | |
| Silver | mg/kg | 25 | 25.1 | 100 | 80-120 | |
| Thallium | mg/kg | 50 | 47.4 | 95 | 80-120 | |
| Zinc | mg/kg | 50 | 49.6 | 99 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129339 2129340

| Parameter | Units | 40216442021 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Antimony | mg/kg | <0.92 | 57.7 | 57.5 | 44.7 | 46.4 | 77 | 80 | 75-125 | 4 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Parameter | Units | MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129339 | | 2129340 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD | Qual |
|-----------|-------|--|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|------------|-----|------|
| | | 40216442021 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | | |
| Arsenic | mg/kg | <1.7 | 57.7 | 57.5 | 54.4 | 55.6 | 94 | 97 | 75-125 | 2 | 20 | | |
| Beryllium | mg/kg | 0.37J | 57.7 | 57.5 | 54.6 | 53.9 | 94 | 93 | 75-125 | 1 | 20 | | |
| Cadmium | mg/kg | <0.15 | 57.7 | 57.5 | 54.1 | 53.8 | 94 | 93 | 75-125 | 1 | 20 | | |
| Chromium | mg/kg | 9.7 | 57.7 | 57.5 | 61.0 | 58.8 | 89 | 85 | 75-125 | 4 | 20 | | |
| Copper | mg/kg | 7.6 | 57.7 | 57.5 | 62.5 | 59.7 | 95 | 91 | 75-125 | 5 | 20 | | |
| Lead | mg/kg | 20.2 | 57.7 | 57.5 | 70.5 | 71.5 | 87 | 89 | 75-125 | 1 | 20 | | |
| Nickel | mg/kg | 4.7 | 57.7 | 57.5 | 61.1 | 58.1 | 98 | 93 | 75-125 | 5 | 20 | | |
| Selenium | mg/kg | <1.5 | 57.7 | 57.5 | 53.8 | 53.8 | 92 | 93 | 75-125 | 0 | 20 | | |
| Silver | mg/kg | <0.35 | 28.9 | 28.7 | 27.3 | 27.0 | 94 | 93 | 75-125 | 1 | 20 | | |
| Thallium | mg/kg | 1.1J | 57.7 | 57.5 | 54.4 | 53.6 | 93 | 91 | 75-125 | 2 | 20 | | |
| Zinc | mg/kg | 49.1 | 57.7 | 57.5 | 100 | 98.5 | 89 | 86 | 75-125 | 2 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

QC Batch: 368467 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40216442041, 40216442042, 40216442043, 40216442044

METHOD BLANK: 2130105 Matrix: Solid
Associated Lab Samples: 40216442041, 40216442042, 40216442043, 40216442044

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Antimony | mg/kg | <0.80 | 2.0 | 10/19/20 13:51 | |
| Arsenic | mg/kg | <1.5 | 2.5 | 10/19/20 13:51 | |
| Beryllium | mg/kg | <0.12 | 0.40 | 10/19/20 13:51 | |
| Cadmium | mg/kg | <0.13 | 0.50 | 10/19/20 13:51 | |
| Chromium | mg/kg | <0.28 | 1.0 | 10/19/20 13:51 | |
| Copper | mg/kg | <0.28 | 1.0 | 10/19/20 13:51 | |
| Lead | mg/kg | <0.60 | 2.0 | 10/19/20 13:51 | |
| Nickel | mg/kg | <0.26 | 1.0 | 10/19/20 13:51 | |
| Selenium | mg/kg | <1.3 | 4.0 | 10/19/20 13:51 | |
| Silver | mg/kg | <0.31 | 1.0 | 10/19/20 13:51 | |
| Thallium | mg/kg | <0.78 | 4.0 | 10/19/20 13:51 | |
| Zinc | mg/kg | <1.2 | 4.0 | 10/19/20 13:51 | |

LABORATORY CONTROL SAMPLE: 2130106

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Antimony | mg/kg | 50 | 52.5 | 105 | 80-120 | |
| Arsenic | mg/kg | 50 | 51.6 | 103 | 80-120 | |
| Beryllium | mg/kg | 50 | 49.4 | 99 | 80-120 | |
| Cadmium | mg/kg | 50 | 50.6 | 101 | 80-120 | |
| Chromium | mg/kg | 50 | 50.9 | 102 | 80-120 | |
| Copper | mg/kg | 50 | 50.6 | 101 | 80-120 | |
| Lead | mg/kg | 50 | 51.4 | 103 | 80-120 | |
| Nickel | mg/kg | 50 | 51.0 | 102 | 80-120 | |
| Selenium | mg/kg | 50 | 51.8 | 104 | 80-120 | |
| Silver | mg/kg | 25 | 25.5 | 102 | 80-120 | |
| Thallium | mg/kg | 50 | 50.4 | 101 | 80-120 | |
| Zinc | mg/kg | 50 | 50.5 | 101 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2130107 2130108

| Parameter | Units | 2130107 | | 2130108 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual | |
|-----------|-------|----------------|-----------------|-----------|------------|----------|-----------|--------------|--------|---------|------|--|
| | | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | | | | | | | |
| Antimony | mg/kg | <0.83 | 51.7 | 51.7 | 43.2 | 41.8 | 83 | 80 | 75-125 | 3 | 20 | |
| Arsenic | mg/kg | <1.5 | 51.7 | 51.7 | 49.5 | 50.2 | 96 | 97 | 75-125 | 1 | 20 | |
| Beryllium | mg/kg | 0.25J | 51.7 | 51.7 | 48.8 | 49.3 | 94 | 95 | 75-125 | 1 | 20 | |
| Cadmium | mg/kg | <0.14 | 51.7 | 51.7 | 49.6 | 49.9 | 96 | 96 | 75-125 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Parameter | Units | 2130107 | | 2130108 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | Qual |
|-----------|-------|-----------------------|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|------------|------|
| | | 40216442042 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | |
| Chromium | mg/kg | 15.4 | 51.7 | 51.7 | 63.0 | 68.8 | 92 | 103 | 75-125 | 9 | 20 | |
| Copper | mg/kg | 21.2 | 51.7 | 51.7 | 66.3 | 71.5 | 87 | 97 | 75-125 | 8 | 20 | |
| Lead | mg/kg | 2.7 | 51.7 | 51.7 | 52.4 | 52.8 | 96 | 97 | 75-125 | 1 | 20 | |
| Nickel | mg/kg | 10.7 | 51.7 | 51.7 | 59.4 | 63.5 | 94 | 102 | 75-125 | 7 | 20 | |
| Selenium | mg/kg | <1.4 | 51.7 | 51.7 | 47.4 | 49.0 | 92 | 95 | 75-125 | 3 | 20 | |
| Silver | mg/kg | <0.32 | 25.8 | 25.8 | 25.3 | 25.6 | 98 | 99 | 75-125 | 1 | 20 | |
| Thallium | mg/kg | <0.81 | 51.7 | 51.7 | 48.0 | 48.5 | 93 | 94 | 75-125 | 1 | 20 | |
| Zinc | mg/kg | 13.5 | 51.7 | 51.7 | 65.1 | 67.6 | 100 | 105 | 75-125 | 4 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

QC Batch: 368373 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40216442001, 40216442002

METHOD BLANK: 2129475 Matrix: Solid

Associated Lab Samples: 40216442001, 40216442002

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/kg | <7.8 | 50.0 | 10/15/20 09:28 | |
| 1,1,1-Trichloroethane | ug/kg | <13.5 | 50.0 | 10/15/20 09:28 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <15.7 | 52.0 | 10/15/20 09:28 | |
| 1,1,2-Trichloroethane | ug/kg | <15.7 | 52.0 | 10/15/20 09:28 | |
| 1,1-Dichloroethane | ug/kg | <13.5 | 50.0 | 10/15/20 09:28 | |
| 1,1-Dichloroethene | ug/kg | <11.8 | 50.0 | 10/15/20 09:28 | |
| 1,1-Dichloropropene | ug/kg | <10.7 | 50.0 | 10/15/20 09:28 | |
| 1,2,3-Trichlorobenzene | ug/kg | <47.3 | 158 | 10/15/20 09:28 | |
| 1,2,3-Trichloropropane | ug/kg | <37.4 | 125 | 10/15/20 09:28 | |
| 1,2,4-Trichlorobenzene | ug/kg | <41.7 | 250 | 10/15/20 09:28 | |
| 1,2,4-Trimethylbenzene | ug/kg | <18.1 | 60.0 | 10/15/20 09:28 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <237 | 789 | 10/15/20 09:28 | |
| 1,2-Dibromoethane (EDB) | ug/kg | <17.0 | 57.0 | 10/15/20 09:28 | |
| 1,2-Dichlorobenzene | ug/kg | <13.1 | 50.0 | 10/15/20 09:28 | |
| 1,2-Dichloroethane | ug/kg | <13.8 | 50.0 | 10/15/20 09:28 | |
| 1,2-Dichloropropane | ug/kg | <13.5 | 50.0 | 10/15/20 09:28 | |
| 1,3,5-Trimethylbenzene | ug/kg | <16.0 | 53.0 | 10/15/20 09:28 | |
| 1,3-Dichlorobenzene | ug/kg | <13.0 | 50.0 | 10/15/20 09:28 | |
| 1,3-Dichloropropane | ug/kg | <11.0 | 50.0 | 10/15/20 09:28 | |
| 1,4-Dichlorobenzene | ug/kg | <12.0 | 50.0 | 10/15/20 09:28 | |
| 2,2-Dichloropropane | ug/kg | <15.7 | 52.0 | 10/15/20 09:28 | |
| 2-Chlorotoluene | ug/kg | <19.3 | 64.0 | 10/15/20 09:28 | |
| 4-Chlorotoluene | ug/kg | <19.3 | 64.0 | 10/15/20 09:28 | |
| Benzene | ug/kg | <12.5 | 42.0 | 10/15/20 09:28 | |
| Bromobenzene | ug/kg | <18.5 | 62.0 | 10/15/20 09:28 | |
| Bromochloromethane | ug/kg | <20.9 | 70.0 | 10/15/20 09:28 | |
| Bromodichloromethane | ug/kg | <10.0 | 50.0 | 10/15/20 09:28 | |
| Bromoform | ug/kg | <21.6 | 72.0 | 10/15/20 09:28 | |
| Bromomethane | ug/kg | <63.8 | 250 | 10/15/20 09:28 | |
| Carbon tetrachloride | ug/kg | <7.5 | 50.0 | 10/15/20 09:28 | |
| Chlorobenzene | ug/kg | <16.8 | 56.0 | 10/15/20 09:28 | |
| Chloroethane | ug/kg | <46.4 | 250 | 10/15/20 09:28 | |
| Chloroform | ug/kg | <47.5 | 250 | 10/15/20 09:28 | |
| Chloromethane | ug/kg | <24.0 | 80.0 | 10/15/20 09:28 | |
| cis-1,2-Dichloroethene | ug/kg | <14.8 | 50.0 | 10/15/20 09:28 | |
| cis-1,3-Dichloropropene | ug/kg | <42.3 | 141 | 10/15/20 09:28 | |
| Dibromochloromethane | ug/kg | <229 | 763 | 10/15/20 09:28 | |
| Dibromomethane | ug/kg | <17.7 | 59.0 | 10/15/20 09:28 | |
| Dichlorodifluoromethane | ug/kg | <21.7 | 72.0 | 10/15/20 09:28 | |
| Diisopropyl ether | ug/kg | <14.0 | 50.0 | 10/15/20 09:28 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

METHOD BLANK: 2129475

Matrix: Solid

Associated Lab Samples: 40216442001, 40216442002

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Ethylbenzene | ug/kg | <14.5 | 50.0 | 10/15/20 09:28 | |
| Hexachloro-1,3-butadiene | ug/kg | <68.7 | 229 | 10/15/20 09:28 | |
| Isopropylbenzene (Cumene) | ug/kg | <17.7 | 59.0 | 10/15/20 09:28 | |
| m&p-Xylene | ug/kg | <32.4 | 108 | 10/15/20 09:28 | |
| Methyl-tert-butyl ether | ug/kg | <16.2 | 54.0 | 10/15/20 09:28 | |
| Methylene Chloride | ug/kg | <26.3 | 88.0 | 10/15/20 09:28 | |
| n-Butylbenzene | ug/kg | <30.0 | 100 | 10/15/20 09:28 | |
| n-Propylbenzene | ug/kg | <17.8 | 59.0 | 10/15/20 09:28 | |
| Naphthalene | ug/kg | <27.3 | 91.0 | 10/15/20 09:28 | |
| o-Xylene | ug/kg | <18.1 | 60.0 | 10/15/20 09:28 | |
| p-Isopropyltoluene | ug/kg | <21.7 | 72.0 | 10/15/20 09:28 | |
| sec-Butylbenzene | ug/kg | <21.5 | 72.0 | 10/15/20 09:28 | |
| Styrene | ug/kg | <12.3 | 50.0 | 10/15/20 09:28 | |
| tert-Butylbenzene | ug/kg | <18.7 | 62.0 | 10/15/20 09:28 | |
| Tetrachloroethene | ug/kg | <38.7 | 129 | 10/15/20 09:28 | |
| Toluene | ug/kg | <13.1 | 50.0 | 10/15/20 09:28 | |
| trans-1,2-Dichloroethene | ug/kg | <20.2 | 67.0 | 10/15/20 09:28 | |
| trans-1,3-Dichloropropene | ug/kg | <22.2 | 74.0 | 10/15/20 09:28 | |
| Trichloroethene | ug/kg | <12.8 | 50.0 | 10/15/20 09:28 | |
| Trichlorofluoromethane | ug/kg | <19.6 | 65.0 | 10/15/20 09:28 | |
| Vinyl chloride | ug/kg | <14.5 | 50.0 | 10/15/20 09:28 | |
| Xylene (Total) | ug/kg | <50.5 | 168 | 10/15/20 09:28 | |
| 4-Bromofluorobenzene (S) | % | 92 | 52-137 | 10/15/20 09:28 | |
| Dibromofluoromethane (S) | % | 93 | 58-145 | 10/15/20 09:28 | |
| Toluene-d8 (S) | % | 100 | 56-140 | 10/15/20 09:28 | |

LABORATORY CONTROL SAMPLE: 2129476

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1-Trichloroethane | ug/kg | 2500 | 2240 | 89 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | 2500 | 2310 | 93 | 70-130 | |
| 1,1,2-Trichloroethane | ug/kg | 2500 | 2440 | 98 | 70-130 | |
| 1,1-Dichloroethane | ug/kg | 2500 | 2310 | 92 | 69-143 | |
| 1,1-Dichloroethene | ug/kg | 2500 | 2400 | 96 | 73-118 | |
| 1,2,4-Trichlorobenzene | ug/kg | 2500 | 2330 | 93 | 60-130 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2500 | 1840 | 74 | 66-130 | |
| 1,2-Dibromoethane (EDB) | ug/kg | 2500 | 2270 | 91 | 70-130 | |
| 1,2-Dichlorobenzene | ug/kg | 2500 | 2350 | 94 | 70-130 | |
| 1,2-Dichloroethane | ug/kg | 2500 | 2280 | 91 | 70-130 | |
| 1,2-Dichloropropane | ug/kg | 2500 | 2400 | 96 | 78-126 | |
| 1,3-Dichlorobenzene | ug/kg | 2500 | 2400 | 96 | 70-130 | |
| 1,4-Dichlorobenzene | ug/kg | 2500 | 2460 | 99 | 70-130 | |
| Benzene | ug/kg | 2500 | 2460 | 99 | 70-130 | |
| Bromodichloromethane | ug/kg | 2500 | 2170 | 87 | 70-130 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

LABORATORY CONTROL SAMPLE: 2129476

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| Bromoform | ug/kg | 2500 | 2090 | 84 | 67-130 | |
| Bromomethane | ug/kg | 2500 | 2950 | 118 | 45-134 | |
| Carbon tetrachloride | ug/kg | 2500 | 2420 | 97 | 70-130 | |
| Chlorobenzene | ug/kg | 2500 | 2470 | 99 | 70-130 | |
| Chloroethane | ug/kg | 2500 | 2820 | 113 | 58-143 | |
| Chloroform | ug/kg | 2500 | 2450 | 98 | 76-122 | |
| Chloromethane | ug/kg | 2500 | 1810 | 72 | 45-120 | |
| cis-1,2-Dichloroethene | ug/kg | 2500 | 2200 | 88 | 69-130 | |
| cis-1,3-Dichloropropene | ug/kg | 2500 | 2130 | 85 | 70-130 | |
| Dibromochloromethane | ug/kg | 2500 | 2240 | 90 | 70-130 | |
| Dichlorodifluoromethane | ug/kg | 2500 | 1820 | 73 | 26-99 | |
| Ethylbenzene | ug/kg | 2500 | 2410 | 96 | 80-120 | |
| Isopropylbenzene (Cumene) | ug/kg | 2500 | 2420 | 97 | 70-130 | |
| m&p-Xylene | ug/kg | 5000 | 4960 | 99 | 70-130 | |
| Methyl-tert-butyl ether | ug/kg | 2500 | 1950 | 78 | 70-130 | |
| Methylene Chloride | ug/kg | 2500 | 2350 | 94 | 70-130 | |
| o-Xylene | ug/kg | 2500 | 2460 | 98 | 70-130 | |
| Styrene | ug/kg | 2500 | 2390 | 96 | 70-130 | |
| Tetrachloroethene | ug/kg | 2500 | 2580 | 103 | 70-130 | |
| Toluene | ug/kg | 2500 | 2340 | 94 | 80-120 | |
| trans-1,2-Dichloroethene | ug/kg | 2500 | 2470 | 99 | 70-130 | |
| trans-1,3-Dichloropropene | ug/kg | 2500 | 2080 | 83 | 70-130 | |
| Trichloroethene | ug/kg | 2500 | 2510 | 101 | 70-130 | |
| Trichlorofluoromethane | ug/kg | 2500 | 2590 | 104 | 70-128 | |
| Vinyl chloride | ug/kg | 2500 | 2120 | 85 | 53-110 | |
| Xylene (Total) | ug/kg | 7500 | 7410 | 99 | 70-130 | |
| 4-Bromofluorobenzene (S) | % | | | 96 | 52-137 | |
| Dibromofluoromethane (S) | % | | | 95 | 58-145 | |
| Toluene-d8 (S) | % | | | 97 | 56-140 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129477 2129478

| Parameter | Units | MS | | MSD | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------------------------|-------|-------------|--------|-------------|-------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| | | 40216442002 | Result | Spike Conc. | Spike Conc. | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | <25.0 | 1450 | 1450 | 1290 | 1370 | 89 | 94 | 66-130 | 6 | 20 | | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <25.0 | 1450 | 1450 | 1340 | 1460 | 92 | 100 | 70-133 | 9 | 20 | | |
| 1,1,2-Trichloroethane | ug/kg | <25.0 | 1450 | 1450 | 1480 | 1560 | 102 | 108 | 70-130 | 5 | 20 | | |
| 1,1-Dichloroethane | ug/kg | <25.0 | 1450 | 1450 | 1340 | 1550 | 93 | 107 | 69-143 | 14 | 20 | | |
| 1,1-Dichloroethene | ug/kg | <25.0 | 1450 | 1450 | 1510 | 1500 | 105 | 104 | 58-120 | 1 | 20 | | |
| 1,2,4-Trichlorobenzene | ug/kg | <41.7 | 1450 | 1450 | 1510 | 1580 | 104 | 109 | 60-130 | 5 | 20 | | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <237 | 1450 | 1450 | 1130 | 1180 | 78 | 81 | 59-136 | 4 | 20 | | |
| 1,2-Dibromoethane (EDB) | ug/kg | <25.0 | 1450 | 1450 | 1430 | 1530 | 99 | 106 | 70-130 | 7 | 20 | | |
| 1,2-Dichlorobenzene | ug/kg | <25.0 | 1450 | 1450 | 1470 | 1540 | 102 | 106 | 70-130 | 4 | 20 | | |
| 1,2-Dichloroethane | ug/kg | <25.0 | 1450 | 1450 | 1400 | 1540 | 96 | 106 | 70-136 | 10 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Parameter | Units | 2129477 | | 2129478 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD | Qual |
|------------------------------|-------|-----------------------|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|------------|-----|------|
| | | 40216442002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | | |
| 1,2-Dichloropropane | ug/kg | <25.0 | 1450 | 1450 | 1410 | 1460 | 98 | 101 | 78-128 | 3 | 20 | | |
| 1,3-Dichlorobenzene | ug/kg | <25.0 | 1450 | 1450 | 1500 | 1580 | 104 | 109 | 70-130 | 5 | 20 | | |
| 1,4-Dichlorobenzene | ug/kg | <25.0 | 1450 | 1450 | 1530 | 1610 | 106 | 111 | 70-130 | 5 | 20 | | |
| Benzene | ug/kg | <25.0 | 1450 | 1450 | 1510 | 1610 | 104 | 111 | 70-130 | 6 | 20 | | |
| Bromodichloromethane | ug/kg | <25.0 | 1450 | 1450 | 1260 | 1280 | 87 | 88 | 70-130 | 2 | 20 | | |
| Bromoform | ug/kg | <25.0 | 1450 | 1450 | 1210 | 1210 | 83 | 83 | 63-130 | 0 | 20 | | |
| Bromomethane | ug/kg | <63.8 | 1450 | 1450 | 2030 | 2290 | 140 | 158 | 33-146 | 12 | 20 | M1 | |
| Carbon tetrachloride | ug/kg | <25.0 | 1450 | 1450 | 1320 | 1420 | 91 | 98 | 65-130 | 7 | 20 | | |
| Chlorobenzene | ug/kg | <25.0 | 1450 | 1450 | 1530 | 1580 | 105 | 109 | 70-130 | 3 | 20 | | |
| Chloroethane | ug/kg | <46.4 | 1450 | 1450 | 1740 | 2010 | 120 | 138 | 46-156 | 14 | 20 | | |
| Chloroform | ug/kg | <47.5 | 1450 | 1450 | 1510 | 1570 | 104 | 108 | 75-130 | 4 | 20 | | |
| Chloromethane | ug/kg | <25.0 | 1450 | 1450 | 1240 | 1280 | 86 | 88 | 20-139 | 3 | 20 | | |
| cis-1,2-Dichloroethene | ug/kg | <25.0 | 1450 | 1450 | 1380 | 1450 | 95 | 100 | 69-130 | 5 | 20 | | |
| cis-1,3-Dichloropropene | ug/kg | <42.3 | 1450 | 1450 | 1170 | 1230 | 81 | 85 | 70-130 | 6 | 20 | | |
| Dibromochloromethane | ug/kg | <229 | 1450 | 1450 | 1320 | 1350 | 91 | 93 | 70-130 | 2 | 20 | | |
| Dichlorodifluoromethane | ug/kg | <25.0 | 1450 | 1450 | 1190 | 1280 | 82 | 88 | 10-99 | 8 | 22 | | |
| Ethylbenzene | ug/kg | <25.0 | 1450 | 1450 | 1410 | 1510 | 98 | 104 | 80-120 | 7 | 20 | | |
| Isopropylbenzene (Cumene) | ug/kg | <25.0 | 1450 | 1450 | 1410 | 1510 | 97 | 104 | 70-130 | 7 | 20 | | |
| m&p-Xylene | ug/kg | <50.0 | 2900 | 2900 | 3010 | 3110 | 104 | 107 | 70-130 | 3 | 20 | | |
| Methyl-tert-butyl ether | ug/kg | <25.0 | 1450 | 1450 | 1180 | 1240 | 82 | 86 | 70-130 | 5 | 20 | | |
| Methylene Chloride | ug/kg | <26.3 | 1450 | 1450 | 1550 | 1710 | 107 | 118 | 70-136 | 10 | 20 | | |
| o-Xylene | ug/kg | <25.0 | 1450 | 1450 | 1460 | 1620 | 101 | 112 | 70-130 | 10 | 20 | | |
| Styrene | ug/kg | <25.0 | 1450 | 1450 | 1450 | 1510 | 100 | 104 | 70-130 | 4 | 20 | | |
| Tetrachloroethene | ug/kg | <38.7 | 1450 | 1450 | 1580 | 1670 | 109 | 115 | 68-130 | 6 | 20 | | |
| Toluene | ug/kg | <25.0 | 1450 | 1450 | 1440 | 1500 | 99 | 104 | 80-120 | 4 | 20 | | |
| trans-1,2-Dichloroethene | ug/kg | <25.0 | 1450 | 1450 | 1550 | 1600 | 107 | 111 | 70-130 | 3 | 20 | | |
| trans-1,3-Dichloropropene | ug/kg | <25.0 | 1450 | 1450 | 1190 | 1300 | 82 | 90 | 70-130 | 9 | 20 | | |
| Trichloroethene | ug/kg | <25.0 | 1450 | 1450 | 1460 | 1470 | 101 | 102 | 70-130 | 1 | 20 | | |
| Trichlorofluoromethane | ug/kg | <25.0 | 1450 | 1450 | 1440 | 1510 | 99 | 104 | 53-128 | 5 | 20 | | |
| Vinyl chloride | ug/kg | <25.0 | 1450 | 1450 | 1390 | 1480 | 96 | 102 | 32-118 | 6 | 20 | | |
| Xylene (Total) | ug/kg | <75.0 | 4350 | 4350 | 4470 | 4730 | 103 | 109 | 70-130 | 6 | 20 | | |
| 4-Bromofluorobenzene (S) | % | | | | | | 103 | 108 | 52-137 | | | | |
| Dibromofluoromethane (S) | % | | | | | | 106 | 103 | 58-145 | | | | |
| Toluene-d8 (S) | % | | | | | | 104 | 106 | 56-140 | | | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| | | | |
|------------------|----------------|-----------------------|--------------------------------------|
| QC Batch: | 368407 | Analysis Method: | EPA 8260 |
| QC Batch Method: | EPA 5035/5030B | Analysis Description: | 8260 MSV Med Level Normal List |
| | | Laboratory: | Pace Analytical Services - Green Bay |

Associated Lab Samples: 40216442003, 40216442004, 40216442005, 40216442006

METHOD BLANK: 2129692 Matrix: Solid
Associated Lab Samples: 40216442003, 40216442004, 40216442005, 40216442006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/kg | <7.8 | 50.0 | 10/15/20 19:08 | |
| 1,1,1-Trichloroethane | ug/kg | <13.5 | 50.0 | 10/15/20 19:08 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <15.7 | 52.0 | 10/15/20 19:08 | |
| 1,1,2-Trichloroethane | ug/kg | <15.7 | 52.0 | 10/15/20 19:08 | |
| 1,1-Dichloroethane | ug/kg | <13.5 | 50.0 | 10/15/20 19:08 | |
| 1,1-Dichloroethene | ug/kg | <11.8 | 50.0 | 10/15/20 19:08 | |
| 1,1-Dichloropropene | ug/kg | <10.7 | 50.0 | 10/15/20 19:08 | |
| 1,2,3-Trichlorobenzene | ug/kg | <47.3 | 158 | 10/15/20 19:08 | |
| 1,2,3-Trichloropropane | ug/kg | <37.4 | 125 | 10/15/20 19:08 | |
| 1,2,4-Trichlorobenzene | ug/kg | <41.7 | 250 | 10/15/20 19:08 | |
| 1,2,4-Trimethylbenzene | ug/kg | <18.1 | 60.0 | 10/15/20 19:08 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <237 | 789 | 10/15/20 19:08 | |
| 1,2-Dibromoethane (EDB) | ug/kg | <17.0 | 57.0 | 10/15/20 19:08 | |
| 1,2-Dichlorobenzene | ug/kg | <13.1 | 50.0 | 10/15/20 19:08 | |
| 1,2-Dichloroethane | ug/kg | <13.8 | 50.0 | 10/15/20 19:08 | |
| 1,2-Dichloropropane | ug/kg | <13.5 | 50.0 | 10/15/20 19:08 | |
| 1,3,5-Trimethylbenzene | ug/kg | <16.0 | 53.0 | 10/15/20 19:08 | |
| 1,3-Dichlorobenzene | ug/kg | <13.0 | 50.0 | 10/15/20 19:08 | |
| 1,3-Dichloropropane | ug/kg | <11.0 | 50.0 | 10/15/20 19:08 | |
| 1,4-Dichlorobenzene | ug/kg | <12.0 | 50.0 | 10/15/20 19:08 | |
| 2,2-Dichloropropane | ug/kg | <15.7 | 52.0 | 10/15/20 19:08 | |
| 2-Chlorotoluene | ug/kg | <19.3 | 64.0 | 10/15/20 19:08 | |
| 4-Chlorotoluene | ug/kg | <19.3 | 64.0 | 10/15/20 19:08 | |
| Benzene | ug/kg | <12.5 | 42.0 | 10/15/20 19:08 | |
| Bromobenzene | ug/kg | <18.5 | 62.0 | 10/15/20 19:08 | |
| Bromochloromethane | ug/kg | <20.9 | 70.0 | 10/15/20 19:08 | |
| Bromodichloromethane | ug/kg | <10.0 | 50.0 | 10/15/20 19:08 | |
| Bromoform | ug/kg | <21.6 | 72.0 | 10/15/20 19:08 | |
| Bromomethane | ug/kg | <63.8 | 250 | 10/15/20 19:08 | |
| Carbon tetrachloride | ug/kg | <7.5 | 50.0 | 10/15/20 19:08 | |
| Chlorobenzene | ug/kg | <16.8 | 56.0 | 10/15/20 19:08 | |
| Chloroethane | ug/kg | <46.4 | 250 | 10/15/20 19:08 | |
| Chloroform | ug/kg | <47.5 | 250 | 10/15/20 19:08 | |
| Chloromethane | ug/kg | <24.0 | 80.0 | 10/15/20 19:08 | |
| cis-1,2-Dichloroethene | ug/kg | <14.8 | 50.0 | 10/15/20 19:08 | |
| cis-1,3-Dichloropropene | ug/kg | <42.3 | 141 | 10/15/20 19:08 | |
| Dibromochloromethane | ug/kg | <229 | 763 | 10/15/20 19:08 | |
| Dibromomethane | ug/kg | <17.7 | 59.0 | 10/15/20 19:08 | |
| Dichlorodifluoromethane | ug/kg | <21.7 | 72.0 | 10/15/20 19:08 | |
| Diisopropyl ether | ug/kg | <14.0 | 50.0 | 10/15/20 19:08 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

METHOD BLANK: 2129692 Matrix: Solid
Associated Lab Samples: 40216442003, 40216442004, 40216442005, 40216442006

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Ethylbenzene | ug/kg | <14.5 | 50.0 | 10/15/20 19:08 | |
| Hexachloro-1,3-butadiene | ug/kg | <68.7 | 229 | 10/15/20 19:08 | |
| Isopropylbenzene (Cumene) | ug/kg | <17.7 | 59.0 | 10/15/20 19:08 | |
| m&p-Xylene | ug/kg | <32.4 | 108 | 10/15/20 19:08 | |
| Methyl-tert-butyl ether | ug/kg | <16.2 | 54.0 | 10/15/20 19:08 | |
| Methylene Chloride | ug/kg | <26.3 | 88.0 | 10/15/20 19:08 | |
| n-Butylbenzene | ug/kg | <30.0 | 100 | 10/15/20 19:08 | |
| n-Propylbenzene | ug/kg | <17.8 | 59.0 | 10/15/20 19:08 | |
| Naphthalene | ug/kg | <27.3 | 91.0 | 10/15/20 19:08 | |
| o-Xylene | ug/kg | <18.1 | 60.0 | 10/15/20 19:08 | |
| p-Isopropyltoluene | ug/kg | <21.7 | 72.0 | 10/15/20 19:08 | |
| sec-Butylbenzene | ug/kg | <21.5 | 72.0 | 10/15/20 19:08 | |
| Styrene | ug/kg | <12.3 | 50.0 | 10/15/20 19:08 | |
| tert-Butylbenzene | ug/kg | <18.7 | 62.0 | 10/15/20 19:08 | |
| Tetrachloroethene | ug/kg | <38.7 | 129 | 10/15/20 19:08 | |
| Toluene | ug/kg | <13.1 | 50.0 | 10/15/20 19:08 | |
| trans-1,2-Dichloroethene | ug/kg | <20.2 | 67.0 | 10/15/20 19:08 | |
| trans-1,3-Dichloropropene | ug/kg | <22.2 | 74.0 | 10/15/20 19:08 | |
| Trichloroethene | ug/kg | <12.8 | 50.0 | 10/15/20 19:08 | |
| Trichlorofluoromethane | ug/kg | <19.6 | 65.0 | 10/15/20 19:08 | |
| Vinyl chloride | ug/kg | <14.5 | 50.0 | 10/15/20 19:08 | |
| Xylene (Total) | ug/kg | <50.5 | 168 | 10/15/20 19:08 | |
| 4-Bromofluorobenzene (S) | % | 95 | 52-137 | 10/15/20 19:08 | |
| Dibromofluoromethane (S) | % | 103 | 58-145 | 10/15/20 19:08 | |
| Toluene-d8 (S) | % | 99 | 56-140 | 10/15/20 19:08 | |

LABORATORY CONTROL SAMPLE: 2129693

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1-Trichloroethane | ug/kg | 2500 | 2700 | 108 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | 2500 | 2580 | 103 | 70-130 | |
| 1,1,2-Trichloroethane | ug/kg | 2500 | 2500 | 100 | 70-130 | |
| 1,1-Dichloroethane | ug/kg | 2500 | 2650 | 106 | 69-143 | |
| 1,1-Dichloroethene | ug/kg | 2500 | 2570 | 103 | 73-118 | |
| 1,2,4-Trichlorobenzene | ug/kg | 2500 | 2140 | 86 | 60-130 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2500 | 2450 | 98 | 66-130 | |
| 1,2-Dibromoethane (EDB) | ug/kg | 2500 | 2450 | 98 | 70-130 | |
| 1,2-Dichlorobenzene | ug/kg | 2500 | 2730 | 109 | 70-130 | |
| 1,2-Dichloroethane | ug/kg | 2500 | 3100 | 124 | 70-130 | |
| 1,2-Dichloropropane | ug/kg | 2500 | 2470 | 99 | 78-126 | |
| 1,3-Dichlorobenzene | ug/kg | 2500 | 2660 | 106 | 70-130 | |
| 1,4-Dichlorobenzene | ug/kg | 2500 | 2590 | 104 | 70-130 | |
| Benzene | ug/kg | 2500 | 2580 | 103 | 70-130 | |
| Bromodichloromethane | ug/kg | 2500 | 2120 | 85 | 70-130 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

LABORATORY CONTROL SAMPLE: 2129693

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| Bromoform | ug/kg | 2500 | 2140 | 86 | 67-130 | |
| Bromomethane | ug/kg | 2500 | 2790 | 112 | 45-134 | |
| Carbon tetrachloride | ug/kg | 2500 | 2780 | 111 | 70-130 | |
| Chlorobenzene | ug/kg | 2500 | 2590 | 103 | 70-130 | |
| Chloroethane | ug/kg | 2500 | 2520 | 101 | 58-143 | |
| Chloroform | ug/kg | 2500 | 2810 | 112 | 76-122 | |
| Chloromethane | ug/kg | 2500 | 2140 | 86 | 45-120 | |
| cis-1,2-Dichloroethene | ug/kg | 2500 | 2580 | 103 | 69-130 | |
| cis-1,3-Dichloropropene | ug/kg | 2500 | 2210 | 88 | 70-130 | |
| Dibromochloromethane | ug/kg | 2500 | 2390 | 96 | 70-130 | |
| Dichlorodifluoromethane | ug/kg | 2500 | 1630 | 65 | 26-99 | |
| Ethylbenzene | ug/kg | 2500 | 2630 | 105 | 80-120 | |
| Isopropylbenzene (Cumene) | ug/kg | 2500 | 2370 | 95 | 70-130 | |
| m&p-Xylene | ug/kg | 5000 | 4730 | 95 | 70-130 | |
| Methyl-tert-butyl ether | ug/kg | 2500 | 2740 | 110 | 70-130 | |
| Methylene Chloride | ug/kg | 2500 | 2430 | 97 | 70-130 | |
| o-Xylene | ug/kg | 2500 | 2240 | 90 | 70-130 | |
| Styrene | ug/kg | 2500 | 2480 | 99 | 70-130 | |
| Tetrachloroethene | ug/kg | 2500 | 2200 | 88 | 70-130 | |
| Toluene | ug/kg | 2500 | 2650 | 106 | 80-120 | |
| trans-1,2-Dichloroethene | ug/kg | 2500 | 2700 | 108 | 70-130 | |
| trans-1,3-Dichloropropene | ug/kg | 2500 | 2240 | 89 | 70-130 | |
| Trichloroethene | ug/kg | 2500 | 2680 | 107 | 70-130 | |
| Trichlorofluoromethane | ug/kg | 2500 | 2570 | 103 | 70-128 | |
| Vinyl chloride | ug/kg | 2500 | 2160 | 86 | 53-110 | |
| Xylene (Total) | ug/kg | 7500 | 6970 | 93 | 70-130 | |
| 4-Bromofluorobenzene (S) | % | | | 108 | 52-137 | |
| Dibromofluoromethane (S) | % | | | 117 | 58-145 | |
| Toluene-d8 (S) | % | | | 110 | 56-140 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129705 2129706

| Parameter | Units | MS | | MSD | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------------------------|-------|--------------------|-------------|-------------|-------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| | | 40216442006 Result | Spike Conc. | Spike Conc. | Conc. | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | <25.0 | 1460 | 1460 | 1370 | 1310 | 94 | 90 | 66-130 | 4 | 20 | | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <25.0 | 1460 | 1460 | 1530 | 1420 | 105 | 97 | 70-133 | 8 | 20 | | |
| 1,1,2-Trichloroethane | ug/kg | <25.0 | 1460 | 1460 | 1480 | 1460 | 101 | 100 | 70-130 | 1 | 20 | | |
| 1,1-Dichloroethane | ug/kg | <25.0 | 1460 | 1460 | 1500 | 1440 | 103 | 99 | 69-143 | 4 | 20 | | |
| 1,1-Dichloroethene | ug/kg | <25.0 | 1460 | 1460 | 1210 | 1210 | 83 | 83 | 58-120 | 0 | 20 | | |
| 1,2,4-Trichlorobenzene | ug/kg | <41.7 | 1460 | 1460 | 1520 | 1380 | 104 | 95 | 60-130 | 10 | 20 | | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <237 | 1460 | 1460 | 1500 | 1430 | 103 | 98 | 59-136 | 5 | 20 | | |
| 1,2-Dibromoethane (EDB) | ug/kg | <25.0 | 1460 | 1460 | 1410 | 1290 | 97 | 88 | 70-130 | 10 | 20 | | |
| 1,2-Dichlorobenzene | ug/kg | <25.0 | 1460 | 1460 | 1530 | 1590 | 105 | 109 | 70-130 | 4 | 20 | | |
| 1,2-Dichloroethane | ug/kg | <25.0 | 1460 | 1460 | 1730 | 1560 | 119 | 107 | 70-136 | 11 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Parameter | Units | 2129705 | | 2129706 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|------------------------------|-------|-----------------------|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|-----|------------|------|
| | | 40216442006 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | | |
| 1,2-Dichloropropane | ug/kg | <25.0 | 1460 | 1460 | 1380 | 1440 | 95 | 99 | 78-128 | 4 | 20 | | |
| 1,3-Dichlorobenzene | ug/kg | <25.0 | 1460 | 1460 | 1550 | 1580 | 106 | 108 | 70-130 | 2 | 20 | | |
| 1,4-Dichlorobenzene | ug/kg | <25.0 | 1460 | 1460 | 1570 | 1500 | 107 | 103 | 70-130 | 4 | 20 | | |
| Benzene | ug/kg | <25.0 | 1460 | 1460 | 1410 | 1370 | 97 | 94 | 70-130 | 3 | 20 | | |
| Bromodichloromethane | ug/kg | <25.0 | 1460 | 1460 | 1290 | 1260 | 89 | 86 | 70-130 | 3 | 20 | | |
| Bromoform | ug/kg | <25.0 | 1460 | 1460 | 1160 | 1250 | 80 | 86 | 63-130 | 7 | 20 | | |
| Bromomethane | ug/kg | <63.8 | 1460 | 1460 | 1780 | 1660 | 122 | 114 | 33-146 | 7 | 20 | | |
| Carbon tetrachloride | ug/kg | <25.0 | 1460 | 1460 | 1400 | 1300 | 96 | 89 | 65-130 | 8 | 20 | | |
| Chlorobenzene | ug/kg | <25.0 | 1460 | 1460 | 1530 | 1470 | 105 | 101 | 70-130 | 4 | 20 | | |
| Chloroethane | ug/kg | <46.4 | 1460 | 1460 | 1460 | 1410 | 100 | 97 | 46-156 | 4 | 20 | | |
| Chloroform | ug/kg | <47.5 | 1460 | 1460 | 1500 | 1460 | 103 | 100 | 75-130 | 3 | 20 | | |
| Chloromethane | ug/kg | <25.0 | 1460 | 1460 | 1260 | 1250 | 86 | 86 | 20-139 | 1 | 20 | | |
| cis-1,2-Dichloroethene | ug/kg | <25.0 | 1460 | 1460 | 1480 | 1390 | 102 | 95 | 69-130 | 7 | 20 | | |
| cis-1,3-Dichloropropene | ug/kg | <42.3 | 1460 | 1460 | 1270 | 1280 | 87 | 88 | 70-130 | 1 | 20 | | |
| Dibromochloromethane | ug/kg | <229 | 1460 | 1460 | 1390 | 1340 | 96 | 92 | 70-130 | 4 | 20 | | |
| Dichlorodifluoromethane | ug/kg | <25.0 | 1460 | 1460 | 1050 | 863 | 72 | 59 | 10-99 | 19 | 22 | | |
| Ethylbenzene | ug/kg | <25.0 | 1460 | 1460 | 1460 | 1410 | 100 | 97 | 80-120 | 3 | 20 | | |
| Isopropylbenzene (Cumene) | ug/kg | <25.0 | 1460 | 1460 | 1280 | 1220 | 88 | 84 | 70-130 | 5 | 20 | | |
| m&p-Xylene | ug/kg | <50.0 | 2920 | 2920 | 2650 | 2570 | 91 | 88 | 70-130 | 3 | 20 | | |
| Methyl-tert-butyl ether | ug/kg | <25.0 | 1460 | 1460 | 1520 | 1510 | 104 | 104 | 70-130 | 1 | 20 | | |
| Methylene Chloride | ug/kg | <26.3 | 1460 | 1460 | 1420 | 1450 | 97 | 100 | 70-136 | 2 | 20 | | |
| o-Xylene | ug/kg | <25.0 | 1460 | 1460 | 1280 | 1230 | 88 | 84 | 70-130 | 4 | 20 | | |
| Styrene | ug/kg | <25.0 | 1460 | 1460 | 1370 | 1400 | 94 | 96 | 70-130 | 2 | 20 | | |
| Tetrachloroethene | ug/kg | <38.7 | 1460 | 1460 | 1230 | 1180 | 84 | 81 | 68-130 | 4 | 20 | | |
| Toluene | ug/kg | <25.0 | 1460 | 1460 | 1480 | 1490 | 101 | 102 | 80-120 | 1 | 20 | | |
| trans-1,2-Dichloroethene | ug/kg | <25.0 | 1460 | 1460 | 1630 | 1550 | 112 | 106 | 70-130 | 5 | 20 | | |
| trans-1,3-Dichloropropene | ug/kg | <25.0 | 1460 | 1460 | 1210 | 1200 | 83 | 83 | 70-130 | 0 | 20 | | |
| Trichloroethene | ug/kg | <25.0 | 1460 | 1460 | 1440 | 1460 | 99 | 101 | 70-130 | 2 | 20 | | |
| Trichlorofluoromethane | ug/kg | <25.0 | 1460 | 1460 | 1500 | 1310 | 103 | 90 | 53-128 | 14 | 20 | | |
| Vinyl chloride | ug/kg | <25.0 | 1460 | 1460 | 1250 | 1090 | 86 | 75 | 32-118 | 14 | 20 | | |
| Xylene (Total) | ug/kg | <75.0 | 4370 | 4370 | 3930 | 3800 | 90 | 87 | 70-130 | 3 | 20 | | |
| 4-Bromofluorobenzene (S) | % | | | | | | 116 | 101 | 52-137 | | | | |
| Dibromofluoromethane (S) | % | | | | | | 120 | 113 | 58-145 | | | | |
| Toluene-d8 (S) | % | | | | | | 119 | 112 | 56-140 | | | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

QC Batch: 368506 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40216442007, 40216442008, 40216442009, 40216442010, 40216442011, 40216442012, 40216442013, 40216442014, 40216442015, 40216442016, 40216442017

METHOD BLANK: 2130399 Matrix: Solid
Associated Lab Samples: 40216442007, 40216442008, 40216442009, 40216442010, 40216442011, 40216442012, 40216442013, 40216442014, 40216442015, 40216442016, 40216442017

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/kg | <7.8 | 50.0 | 10/16/20 09:05 | |
| 1,1,1-Trichloroethane | ug/kg | <13.5 | 50.0 | 10/16/20 09:05 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <15.7 | 52.0 | 10/16/20 09:05 | |
| 1,1,2-Trichloroethane | ug/kg | <15.7 | 52.0 | 10/16/20 09:05 | |
| 1,1-Dichloroethane | ug/kg | <13.5 | 50.0 | 10/16/20 09:05 | |
| 1,1-Dichloroethene | ug/kg | <11.8 | 50.0 | 10/16/20 09:05 | |
| 1,1-Dichloropropene | ug/kg | <10.7 | 50.0 | 10/16/20 09:05 | |
| 1,2,3-Trichlorobenzene | ug/kg | <47.3 | 158 | 10/16/20 09:05 | |
| 1,2,3-Trichloropropane | ug/kg | <37.4 | 125 | 10/16/20 09:05 | |
| 1,2,4-Trichlorobenzene | ug/kg | <41.7 | 250 | 10/16/20 09:05 | |
| 1,2,4-Trimethylbenzene | ug/kg | <18.1 | 60.0 | 10/16/20 09:05 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <237 | 789 | 10/16/20 09:05 | |
| 1,2-Dibromoethane (EDB) | ug/kg | <17.0 | 57.0 | 10/16/20 09:05 | |
| 1,2-Dichlorobenzene | ug/kg | <13.1 | 50.0 | 10/16/20 09:05 | |
| 1,2-Dichloroethane | ug/kg | <13.8 | 50.0 | 10/16/20 09:05 | |
| 1,2-Dichloropropane | ug/kg | <13.5 | 50.0 | 10/16/20 09:05 | |
| 1,3,5-Trimethylbenzene | ug/kg | <16.0 | 53.0 | 10/16/20 09:05 | |
| 1,3-Dichlorobenzene | ug/kg | <13.0 | 50.0 | 10/16/20 09:05 | |
| 1,3-Dichloropropane | ug/kg | <11.0 | 50.0 | 10/16/20 09:05 | |
| 1,4-Dichlorobenzene | ug/kg | <12.0 | 50.0 | 10/16/20 09:05 | |
| 2,2-Dichloropropane | ug/kg | <15.7 | 52.0 | 10/16/20 09:05 | |
| 2-Chlorotoluene | ug/kg | <19.3 | 64.0 | 10/16/20 09:05 | |
| 4-Chlorotoluene | ug/kg | <19.3 | 64.0 | 10/16/20 09:05 | |
| Benzene | ug/kg | <12.5 | 42.0 | 10/16/20 09:05 | |
| Bromobenzene | ug/kg | <18.5 | 62.0 | 10/16/20 09:05 | |
| Bromochloromethane | ug/kg | <20.9 | 70.0 | 10/16/20 09:05 | |
| Bromodichloromethane | ug/kg | <10.0 | 50.0 | 10/16/20 09:05 | |
| Bromoform | ug/kg | <21.6 | 72.0 | 10/16/20 09:05 | |
| Bromomethane | ug/kg | <63.8 | 250 | 10/16/20 09:05 | |
| Carbon tetrachloride | ug/kg | <7.5 | 50.0 | 10/16/20 09:05 | |
| Chlorobenzene | ug/kg | <16.8 | 56.0 | 10/16/20 09:05 | |
| Chloroethane | ug/kg | <46.4 | 250 | 10/16/20 09:05 | |
| Chloroform | ug/kg | <47.5 | 250 | 10/16/20 09:05 | |
| Chloromethane | ug/kg | <24.0 | 80.0 | 10/16/20 09:05 | |
| cis-1,2-Dichloroethene | ug/kg | <14.8 | 50.0 | 10/16/20 09:05 | |
| cis-1,3-Dichloropropene | ug/kg | <42.3 | 141 | 10/16/20 09:05 | |
| Dibromochloromethane | ug/kg | <229 | 763 | 10/16/20 09:05 | |
| Dibromomethane | ug/kg | <17.7 | 59.0 | 10/16/20 09:05 | |
| Dichlorodifluoromethane | ug/kg | <21.7 | 72.0 | 10/16/20 09:05 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

METHOD BLANK: 2130399

Matrix: Solid

Associated Lab Samples: 40216442007, 40216442008, 40216442009, 40216442010, 40216442011, 40216442012, 40216442013, 40216442014, 40216442015, 40216442016, 40216442017

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Diisopropyl ether | ug/kg | <14.0 | 50.0 | 10/16/20 09:05 | |
| Ethylbenzene | ug/kg | <14.5 | 50.0 | 10/16/20 09:05 | |
| Hexachloro-1,3-butadiene | ug/kg | <68.7 | 229 | 10/16/20 09:05 | |
| Isopropylbenzene (Cumene) | ug/kg | <17.7 | 59.0 | 10/16/20 09:05 | |
| m&p-Xylene | ug/kg | <32.4 | 108 | 10/16/20 09:05 | |
| Methyl-tert-butyl ether | ug/kg | <16.2 | 54.0 | 10/16/20 09:05 | |
| Methylene Chloride | ug/kg | <26.3 | 88.0 | 10/16/20 09:05 | |
| n-Butylbenzene | ug/kg | <30.0 | 100 | 10/16/20 09:05 | |
| n-Propylbenzene | ug/kg | <17.8 | 59.0 | 10/16/20 09:05 | |
| Naphthalene | ug/kg | <27.3 | 91.0 | 10/16/20 09:05 | |
| o-Xylene | ug/kg | <18.1 | 60.0 | 10/16/20 09:05 | |
| p-Isopropyltoluene | ug/kg | <21.7 | 72.0 | 10/16/20 09:05 | |
| sec-Butylbenzene | ug/kg | <21.5 | 72.0 | 10/16/20 09:05 | |
| Styrene | ug/kg | <12.3 | 50.0 | 10/16/20 09:05 | |
| tert-Butylbenzene | ug/kg | <18.7 | 62.0 | 10/16/20 09:05 | |
| Tetrachloroethene | ug/kg | <38.7 | 129 | 10/16/20 09:05 | |
| Toluene | ug/kg | <13.1 | 50.0 | 10/16/20 09:05 | |
| trans-1,2-Dichloroethene | ug/kg | <20.2 | 67.0 | 10/16/20 09:05 | |
| trans-1,3-Dichloropropene | ug/kg | <22.2 | 74.0 | 10/16/20 09:05 | |
| Trichloroethene | ug/kg | <12.8 | 50.0 | 10/16/20 09:05 | |
| Trichlorofluoromethane | ug/kg | <19.6 | 65.0 | 10/16/20 09:05 | |
| Vinyl chloride | ug/kg | <14.5 | 50.0 | 10/16/20 09:05 | |
| Xylene (Total) | ug/kg | <50.5 | 168 | 10/16/20 09:05 | |
| 4-Bromofluorobenzene (S) | % | 101 | 52-137 | 10/16/20 09:05 | |
| Dibromofluoromethane (S) | % | 105 | 58-145 | 10/16/20 09:05 | |
| Toluene-d8 (S) | % | 108 | 56-140 | 10/16/20 09:05 | |

LABORATORY CONTROL SAMPLE: 2130400

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1-Trichloroethane | ug/kg | 2500 | 2590 | 103 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | 2500 | 2440 | 97 | 70-130 | |
| 1,1,2-Trichloroethane | ug/kg | 2500 | 2580 | 103 | 70-130 | |
| 1,1-Dichloroethane | ug/kg | 2500 | 2500 | 100 | 69-143 | |
| 1,1-Dichloroethene | ug/kg | 2500 | 2840 | 114 | 73-118 | |
| 1,2,4-Trichlorobenzene | ug/kg | 2500 | 2780 | 111 | 60-130 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2500 | 2050 | 82 | 66-130 | |
| 1,2-Dibromoethane (EDB) | ug/kg | 2500 | 2610 | 104 | 70-130 | |
| 1,2-Dichlorobenzene | ug/kg | 2500 | 2600 | 104 | 70-130 | |
| 1,2-Dichloroethane | ug/kg | 2500 | 2430 | 97 | 70-130 | |
| 1,2-Dichloropropane | ug/kg | 2500 | 2560 | 102 | 78-126 | |
| 1,3-Dichlorobenzene | ug/kg | 2500 | 2660 | 106 | 70-130 | |
| 1,4-Dichlorobenzene | ug/kg | 2500 | 2660 | 107 | 70-130 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

LABORATORY CONTROL SAMPLE: 2130400

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| Benzene | ug/kg | 2500 | 2670 | 107 | 70-130 | |
| Bromodichloromethane | ug/kg | 2500 | 2350 | 94 | 70-130 | |
| Bromoform | ug/kg | 2500 | 2410 | 97 | 67-130 | |
| Bromomethane | ug/kg | 2500 | 3170 | 127 | 45-134 | |
| Carbon tetrachloride | ug/kg | 2500 | 2630 | 105 | 70-130 | |
| Chlorobenzene | ug/kg | 2500 | 2800 | 112 | 70-130 | |
| Chloroethane | ug/kg | 2500 | 3040 | 122 | 58-143 | |
| Chloroform | ug/kg | 2500 | 2550 | 102 | 76-122 | |
| Chloromethane | ug/kg | 2500 | 1940 | 78 | 45-120 | |
| cis-1,2-Dichloroethene | ug/kg | 2500 | 2450 | 98 | 69-130 | |
| cis-1,3-Dichloropropene | ug/kg | 2500 | 2330 | 93 | 70-130 | |
| Dibromochloromethane | ug/kg | 2500 | 2590 | 104 | 70-130 | |
| Dichlorodifluoromethane | ug/kg | 2500 | 1970 | 79 | 26-99 | |
| Ethylbenzene | ug/kg | 2500 | 2710 | 108 | 80-120 | |
| Isopropylbenzene (Cumene) | ug/kg | 2500 | 2710 | 108 | 70-130 | |
| m&p-Xylene | ug/kg | 5000 | 5420 | 108 | 70-130 | |
| Methyl-tert-butyl ether | ug/kg | 2500 | 2130 | 85 | 70-130 | |
| Methylene Chloride | ug/kg | 2500 | 2870 | 115 | 70-130 | |
| o-Xylene | ug/kg | 2500 | 2760 | 110 | 70-130 | |
| Styrene | ug/kg | 2500 | 2680 | 107 | 70-130 | |
| Tetrachloroethene | ug/kg | 2500 | 2970 | 119 | 70-130 | |
| Toluene | ug/kg | 2500 | 2650 | 106 | 80-120 | |
| trans-1,2-Dichloroethene | ug/kg | 2500 | 2720 | 109 | 70-130 | |
| trans-1,3-Dichloropropene | ug/kg | 2500 | 2330 | 93 | 70-130 | |
| Trichloroethene | ug/kg | 2500 | 2800 | 112 | 70-130 | |
| Trichlorofluoromethane | ug/kg | 2500 | 2920 | 117 | 70-128 | |
| Vinyl chloride | ug/kg | 2500 | 2500 | 100 | 53-110 | |
| Xylene (Total) | ug/kg | 7500 | 8180 | 109 | 70-130 | |
| 4-Bromofluorobenzene (S) | % | | | 102 | 52-137 | |
| Dibromofluoromethane (S) | % | | | 102 | 58-145 | |
| Toluene-d8 (S) | % | | | 105 | 56-140 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2130401 2130402

| Parameter | Units | MS | | MSD | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------------------------|-------|-------------|--------|-------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| | | 40216442007 | Result | Spike Conc. | MSD Spike Conc. | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | <25.0 | 1320 | 1320 | 1290 | 1030 | 98 | 78 | 66-130 | 22 | 20 | R1 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <25.0 | 1320 | 1320 | 1360 | 1270 | 103 | 96 | 70-133 | 7 | 20 | | |
| 1,1,2-Trichloroethane | ug/kg | <25.0 | 1320 | 1320 | 1420 | 1290 | 107 | 97 | 70-130 | 10 | 20 | | |
| 1,1-Dichloroethane | ug/kg | <25.0 | 1320 | 1320 | 1340 | 1080 | 101 | 82 | 69-143 | 21 | 20 | R1 | |
| 1,1-Dichloroethene | ug/kg | <25.0 | 1320 | 1320 | 1510 | 1110 | 114 | 84 | 58-120 | 30 | 20 | R1 | |
| 1,2,4-Trichlorobenzene | ug/kg | <41.7 | 1320 | 1320 | 1540 | 1290 | 117 | 98 | 60-130 | 18 | 20 | | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <237 | 1320 | 1320 | 1090 | 956 | 82 | 72 | 59-136 | 13 | 20 | | |
| 1,2-Dibromoethane (EDB) | ug/kg | <25.0 | 1320 | 1320 | 1370 | 1160 | 103 | 88 | 70-130 | 16 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Parameter | Units | 2130401 | | 2130402 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD | Qual |
|------------------------------|-------|-----------------------|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|------------|-----|------|
| | | 40216442007 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | | |
| 1,2-Dichlorobenzene | ug/kg | <25.0 | 1320 | 1320 | 1420 | 1260 | 107 | 95 | 70-130 | 12 | 20 | | |
| 1,2-Dichloroethane | ug/kg | <25.0 | 1320 | 1320 | 1250 | 1060 | 94 | 80 | 70-136 | 16 | 20 | | |
| 1,2-Dichloropropane | ug/kg | <25.0 | 1320 | 1320 | 1340 | 1100 | 101 | 83 | 78-128 | 20 | 20 | | |
| 1,3-Dichlorobenzene | ug/kg | <25.0 | 1320 | 1320 | 1410 | 1240 | 107 | 94 | 70-130 | 13 | 20 | | |
| 1,4-Dichlorobenzene | ug/kg | <25.0 | 1320 | 1320 | 1400 | 1210 | 105 | 92 | 70-130 | 14 | 20 | | |
| Benzene | ug/kg | <25.0 | 1320 | 1320 | 1390 | 1170 | 105 | 88 | 70-130 | 18 | 20 | | |
| Bromodichloromethane | ug/kg | <25.0 | 1320 | 1320 | 1160 | 985 | 88 | 74 | 70-130 | 16 | 20 | | |
| Bromoform | ug/kg | <25.0 | 1320 | 1320 | 1220 | 1020 | 92 | 77 | 63-130 | 18 | 20 | | |
| Bromomethane | ug/kg | <63.8 | 1320 | 1320 | 1790 | 1440 | 135 | 108 | 33-146 | 22 | 20 | R1 | |
| Carbon tetrachloride | ug/kg | <25.0 | 1320 | 1320 | 1370 | 1020 | 103 | 77 | 65-130 | 29 | 20 | R1 | |
| Chlorobenzene | ug/kg | <25.0 | 1320 | 1320 | 1420 | 1190 | 107 | 90 | 70-130 | 18 | 20 | | |
| Chloroethane | ug/kg | <46.4 | 1320 | 1320 | 1640 | 1250 | 124 | 94 | 46-156 | 27 | 20 | R1 | |
| Chloroform | ug/kg | <47.5 | 1320 | 1320 | 1340 | 1130 | 101 | 85 | 75-130 | 17 | 20 | | |
| Chloromethane | ug/kg | <25.0 | 1320 | 1320 | 1020 | 824 | 77 | 62 | 20-139 | 21 | 20 | R1 | |
| cis-1,2-Dichloroethene | ug/kg | <25.0 | 1320 | 1320 | 1360 | 1080 | 103 | 81 | 69-130 | 23 | 20 | R1 | |
| cis-1,3-Dichloropropene | ug/kg | <42.3 | 1320 | 1320 | 1160 | 978 | 88 | 74 | 70-130 | 17 | 20 | | |
| Dibromochloromethane | ug/kg | <229 | 1320 | 1320 | 1230 | 1080 | 93 | 81 | 70-130 | 13 | 20 | | |
| Dichlorodifluoromethane | ug/kg | <25.0 | 1320 | 1320 | 1070 | 834 | 81 | 63 | 10-99 | 25 | 22 | R1 | |
| Ethylbenzene | ug/kg | <25.0 | 1320 | 1320 | 1370 | 1100 | 104 | 83 | 80-120 | 22 | 20 | R1 | |
| Isopropylbenzene (Cumene) | ug/kg | <25.0 | 1320 | 1320 | 1350 | 1110 | 102 | 84 | 70-130 | 19 | 20 | | |
| m&p-Xylene | ug/kg | <50.0 | 2650 | 2650 | 2720 | 2340 | 103 | 88 | 70-130 | 15 | 20 | | |
| Methyl-tert-butyl ether | ug/kg | <25.0 | 1320 | 1320 | 1120 | 1020 | 85 | 77 | 70-130 | 9 | 20 | | |
| Methylene Chloride | ug/kg | <26.3 | 1320 | 1320 | 1620 | 1200 | 122 | 91 | 70-136 | 30 | 20 | R1 | |
| o-Xylene | ug/kg | <25.0 | 1320 | 1320 | 1360 | 1160 | 103 | 87 | 70-130 | 16 | 20 | | |
| Styrene | ug/kg | <25.0 | 1320 | 1320 | 1330 | 1100 | 101 | 83 | 70-130 | 19 | 20 | | |
| Tetrachloroethene | ug/kg | <38.7 | 1320 | 1320 | 1450 | 1250 | 110 | 94 | 68-130 | 15 | 20 | | |
| Toluene | ug/kg | <25.0 | 1320 | 1320 | 1350 | 1160 | 102 | 88 | 80-120 | 15 | 20 | | |
| trans-1,2-Dichloroethene | ug/kg | <25.0 | 1320 | 1320 | 1480 | 1180 | 112 | 89 | 70-130 | 22 | 20 | R1 | |
| trans-1,3-Dichloropropene | ug/kg | <25.0 | 1320 | 1320 | 1140 | 1010 | 86 | 77 | 70-130 | 12 | 20 | | |
| Trichloroethene | ug/kg | <25.0 | 1320 | 1320 | 1400 | 1110 | 106 | 84 | 70-130 | 23 | 20 | R1 | |
| Trichlorofluoromethane | ug/kg | <25.0 | 1320 | 1320 | 1540 | 1170 | 116 | 88 | 53-128 | 27 | 20 | R1 | |
| Vinyl chloride | ug/kg | <25.0 | 1320 | 1320 | 1310 | 1080 | 99 | 82 | 32-118 | 19 | 20 | | |
| Xylene (Total) | ug/kg | <75.0 | 3970 | 3970 | 4090 | 3490 | 103 | 88 | 70-130 | 16 | 20 | | |
| 4-Bromofluorobenzene (S) | % | | | | | | 102 | 95 | 52-137 | | | | |
| Dibromofluoromethane (S) | % | | | | | | 102 | 93 | 58-145 | | | | |
| Toluene-d8 (S) | % | | | | | | 107 | 99 | 56-140 | | | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| | | | |
|------------------|----------------|-----------------------|--------------------------------------|
| QC Batch: | 368508 | Analysis Method: | EPA 8260 |
| QC Batch Method: | EPA 5035/5030B | Analysis Description: | 8260 MSV Med Level Normal List |
| | | Laboratory: | Pace Analytical Services - Green Bay |

Associated Lab Samples: 40216442018, 40216442019, 40216442020, 40216442021, 40216442022, 40216442023, 40216442024, 40216442025, 40216442026, 40216442027, 40216442028, 40216442029, 40216442030, 40216442031, 40216442032, 40216442033, 40216442034, 40216442035, 40216442036, 40216442037

METHOD BLANK: 2130419 Matrix: Solid

Associated Lab Samples: 40216442018, 40216442019, 40216442020, 40216442021, 40216442022, 40216442023, 40216442024, 40216442025, 40216442026, 40216442027, 40216442028, 40216442029, 40216442030, 40216442031, 40216442032, 40216442033, 40216442034, 40216442035, 40216442036, 40216442037

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/kg | <7.8 | 50.0 | 10/16/20 11:54 | |
| 1,1,1-Trichloroethane | ug/kg | <13.5 | 50.0 | 10/16/20 11:54 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <15.7 | 52.0 | 10/16/20 11:54 | |
| 1,1,2-Trichloroethane | ug/kg | <15.7 | 52.0 | 10/16/20 11:54 | |
| 1,1-Dichloroethane | ug/kg | <13.5 | 50.0 | 10/16/20 11:54 | |
| 1,1-Dichloroethene | ug/kg | <11.8 | 50.0 | 10/16/20 11:54 | |
| 1,1-Dichloropropene | ug/kg | <10.7 | 50.0 | 10/16/20 11:54 | |
| 1,2,3-Trichlorobenzene | ug/kg | <47.3 | 158 | 10/16/20 11:54 | |
| 1,2,3-Trichloropropane | ug/kg | <37.4 | 125 | 10/16/20 11:54 | |
| 1,2,4-Trichlorobenzene | ug/kg | <41.7 | 250 | 10/16/20 11:54 | |
| 1,2,4-Trimethylbenzene | ug/kg | <18.1 | 60.0 | 10/16/20 11:54 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <237 | 789 | 10/16/20 11:54 | |
| 1,2-Dibromoethane (EDB) | ug/kg | <17.0 | 57.0 | 10/16/20 11:54 | |
| 1,2-Dichlorobenzene | ug/kg | <13.1 | 50.0 | 10/16/20 11:54 | |
| 1,2-Dichloroethane | ug/kg | <13.8 | 50.0 | 10/16/20 11:54 | |
| 1,2-Dichloropropane | ug/kg | <13.5 | 50.0 | 10/16/20 11:54 | |
| 1,3,5-Trimethylbenzene | ug/kg | <16.0 | 53.0 | 10/16/20 11:54 | |
| 1,3-Dichlorobenzene | ug/kg | <13.0 | 50.0 | 10/16/20 11:54 | |
| 1,3-Dichloropropane | ug/kg | <11.0 | 50.0 | 10/16/20 11:54 | |
| 1,4-Dichlorobenzene | ug/kg | <12.0 | 50.0 | 10/16/20 11:54 | |
| 2,2-Dichloropropane | ug/kg | <15.7 | 52.0 | 10/16/20 11:54 | |
| 2-Chlorotoluene | ug/kg | <19.3 | 64.0 | 10/16/20 11:54 | |
| 4-Chlorotoluene | ug/kg | <19.3 | 64.0 | 10/16/20 11:54 | |
| Benzene | ug/kg | <12.5 | 42.0 | 10/16/20 11:54 | |
| Bromobenzene | ug/kg | <18.5 | 62.0 | 10/16/20 11:54 | |
| Bromochloromethane | ug/kg | <20.9 | 70.0 | 10/16/20 11:54 | |
| Bromodichloromethane | ug/kg | <10.0 | 50.0 | 10/16/20 11:54 | |
| Bromoform | ug/kg | <21.6 | 72.0 | 10/16/20 11:54 | |
| Bromomethane | ug/kg | <63.8 | 250 | 10/16/20 11:54 | |
| Carbon tetrachloride | ug/kg | <7.5 | 50.0 | 10/16/20 11:54 | |
| Chlorobenzene | ug/kg | <16.8 | 56.0 | 10/16/20 11:54 | |
| Chloroethane | ug/kg | <46.4 | 250 | 10/16/20 11:54 | |
| Chloroform | ug/kg | <47.5 | 250 | 10/16/20 11:54 | |
| Chloromethane | ug/kg | <24.0 | 80.0 | 10/16/20 11:54 | |
| cis-1,2-Dichloroethene | ug/kg | <14.8 | 50.0 | 10/16/20 11:54 | |
| cis-1,3-Dichloropropene | ug/kg | <42.3 | 141 | 10/16/20 11:54 | |
| Dibromochloromethane | ug/kg | <229 | 763 | 10/16/20 11:54 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

METHOD BLANK: 2130419

Matrix: Solid

Associated Lab Samples: 40216442018, 40216442019, 40216442020, 40216442021, 40216442022, 40216442023, 40216442024, 40216442025, 40216442026, 40216442027, 40216442028, 40216442029, 40216442030, 40216442031, 40216442032, 40216442033, 40216442034, 40216442035, 40216442036, 40216442037

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Dibromomethane | ug/kg | <17.7 | 59.0 | 10/16/20 11:54 | |
| Dichlorodifluoromethane | ug/kg | <21.7 | 72.0 | 10/16/20 11:54 | |
| Diisopropyl ether | ug/kg | <14.0 | 50.0 | 10/16/20 11:54 | |
| Ethylbenzene | ug/kg | <14.5 | 50.0 | 10/16/20 11:54 | |
| Hexachloro-1,3-butadiene | ug/kg | <68.7 | 229 | 10/16/20 11:54 | |
| Isopropylbenzene (Cumene) | ug/kg | <17.7 | 59.0 | 10/16/20 11:54 | |
| m&p-Xylene | ug/kg | <32.4 | 108 | 10/16/20 11:54 | |
| Methyl-tert-butyl ether | ug/kg | <16.2 | 54.0 | 10/16/20 11:54 | |
| Methylene Chloride | ug/kg | <26.3 | 88.0 | 10/16/20 11:54 | |
| n-Butylbenzene | ug/kg | <30.0 | 100 | 10/16/20 11:54 | |
| n-Propylbenzene | ug/kg | <17.8 | 59.0 | 10/16/20 11:54 | |
| Naphthalene | ug/kg | <27.3 | 91.0 | 10/16/20 11:54 | |
| o-Xylene | ug/kg | <18.1 | 60.0 | 10/16/20 11:54 | |
| p-Isopropyltoluene | ug/kg | <21.7 | 72.0 | 10/16/20 11:54 | |
| sec-Butylbenzene | ug/kg | <21.5 | 72.0 | 10/16/20 11:54 | |
| Styrene | ug/kg | <12.3 | 50.0 | 10/16/20 11:54 | |
| tert-Butylbenzene | ug/kg | <18.7 | 62.0 | 10/16/20 11:54 | |
| Tetrachloroethene | ug/kg | <38.7 | 129 | 10/16/20 11:54 | |
| Toluene | ug/kg | <13.1 | 50.0 | 10/16/20 11:54 | |
| trans-1,2-Dichloroethene | ug/kg | <20.2 | 67.0 | 10/16/20 11:54 | |
| trans-1,3-Dichloropropene | ug/kg | <22.2 | 74.0 | 10/16/20 11:54 | |
| Trichloroethene | ug/kg | <12.8 | 50.0 | 10/16/20 11:54 | |
| Trichlorofluoromethane | ug/kg | <19.6 | 65.0 | 10/16/20 11:54 | |
| Vinyl chloride | ug/kg | <14.5 | 50.0 | 10/16/20 11:54 | |
| Xylene (Total) | ug/kg | <50.5 | 168 | 10/16/20 11:54 | |
| 4-Bromofluorobenzene (S) | % | 103 | 52-137 | 10/16/20 11:54 | |
| Dibromofluoromethane (S) | % | 99 | 58-145 | 10/16/20 11:54 | |
| Toluene-d8 (S) | % | 109 | 56-140 | 10/16/20 11:54 | |

LABORATORY CONTROL SAMPLE: 2130420

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1-Trichloroethane | ug/kg | 2500 | 2690 | 107 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | 2500 | 2810 | 112 | 70-130 | |
| 1,1,2-Trichloroethane | ug/kg | 2500 | 2600 | 104 | 70-130 | |
| 1,1-Dichloroethane | ug/kg | 2500 | 2650 | 106 | 69-143 | |
| 1,1-Dichloroethene | ug/kg | 2500 | 2500 | 100 | 73-118 | |
| 1,2,4-Trichlorobenzene | ug/kg | 2500 | 2920 | 117 | 60-130 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2500 | 2670 | 107 | 66-130 | |
| 1,2-Dibromoethane (EDB) | ug/kg | 2500 | 2820 | 113 | 70-130 | |
| 1,2-Dichlorobenzene | ug/kg | 2500 | 2690 | 108 | 70-130 | |
| 1,2-Dichloroethane | ug/kg | 2500 | 2620 | 105 | 70-130 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

LABORATORY CONTROL SAMPLE: 2130420

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,2-Dichloropropane | ug/kg | 2500 | 2610 | 105 | 78-126 | |
| 1,3-Dichlorobenzene | ug/kg | 2500 | 2680 | 107 | 70-130 | |
| 1,4-Dichlorobenzene | ug/kg | 2500 | 2540 | 102 | 70-130 | |
| Benzene | ug/kg | 2500 | 2670 | 107 | 70-130 | |
| Bromodichloromethane | ug/kg | 2500 | 2780 | 111 | 70-130 | |
| Bromoform | ug/kg | 2500 | 2520 | 101 | 67-130 | |
| Bromomethane | ug/kg | 2500 | 1610 | 64 | 45-134 | |
| Carbon tetrachloride | ug/kg | 2500 | 2720 | 109 | 70-130 | |
| Chlorobenzene | ug/kg | 2500 | 2660 | 106 | 70-130 | |
| Chloroethane | ug/kg | 2500 | 2270 | 91 | 58-143 | |
| Chloroform | ug/kg | 2500 | 2650 | 106 | 76-122 | |
| Chloromethane | ug/kg | 2500 | 1900 | 76 | 45-120 | |
| cis-1,2-Dichloroethene | ug/kg | 2500 | 2570 | 103 | 69-130 | |
| cis-1,3-Dichloropropene | ug/kg | 2500 | 2580 | 103 | 70-130 | |
| Dibromochloromethane | ug/kg | 2500 | 2810 | 112 | 70-130 | |
| Dichlorodifluoromethane | ug/kg | 2500 | 1610 | 64 | 26-99 | |
| Ethylbenzene | ug/kg | 2500 | 2710 | 108 | 80-120 | |
| Isopropylbenzene (Cumene) | ug/kg | 2500 | 2760 | 111 | 70-130 | |
| m&p-Xylene | ug/kg | 5000 | 5390 | 108 | 70-130 | |
| Methyl-tert-butyl ether | ug/kg | 2500 | 2600 | 104 | 70-130 | |
| Methylene Chloride | ug/kg | 2500 | 2440 | 98 | 70-130 | |
| o-Xylene | ug/kg | 2500 | 2680 | 107 | 70-130 | |
| Styrene | ug/kg | 2500 | 2850 | 114 | 70-130 | |
| Tetrachloroethene | ug/kg | 2500 | 2690 | 107 | 70-130 | |
| Toluene | ug/kg | 2500 | 2690 | 108 | 80-120 | |
| trans-1,2-Dichloroethene | ug/kg | 2500 | 2550 | 102 | 70-130 | |
| trans-1,3-Dichloropropene | ug/kg | 2500 | 2520 | 101 | 70-130 | |
| Trichloroethene | ug/kg | 2500 | 2690 | 108 | 70-130 | |
| Trichlorofluoromethane | ug/kg | 2500 | 2390 | 96 | 70-128 | |
| Vinyl chloride | ug/kg | 2500 | 2140 | 86 | 53-110 | |
| Xylene (Total) | ug/kg | 7500 | 8070 | 108 | 70-130 | |
| 4-Bromofluorobenzene (S) | % | | | 100 | 52-137 | |
| Dibromofluoromethane (S) | % | | | 98 | 58-145 | |
| Toluene-d8 (S) | % | | | 102 | 56-140 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2130421 2130422

| Parameter | Units | MS | | MSD | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---------------------------|-------|--------------------|-------------|-------------|----------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| | | 40216442031 Result | Spike Conc. | Spike Conc. | MS Conc. | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | <25.0 | 1310 | 1310 | 1320 | 1250 | 101 | 96 | 66-130 | 5 | 20 | | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <25.0 | 1310 | 1310 | 1430 | 1350 | 109 | 103 | 70-133 | 5 | 20 | | |
| 1,1,2-Trichloroethane | ug/kg | <25.0 | 1310 | 1310 | 1370 | 1330 | 105 | 102 | 70-130 | 3 | 20 | | |
| 1,1-Dichloroethane | ug/kg | <25.0 | 1310 | 1310 | 1350 | 1320 | 104 | 101 | 69-143 | 3 | 20 | | |
| 1,1-Dichloroethene | ug/kg | <25.0 | 1310 | 1310 | 1250 | 1210 | 95 | 93 | 58-120 | 3 | 20 | | |
| 1,2,4-Trichlorobenzene | ug/kg | <41.7 | 1310 | 1310 | 1500 | 1350 | 115 | 103 | 60-130 | 11 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Parameter | Units | MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2130421 | | 2130422 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD | Qual |
|-----------------------------|-------|--|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|------------|-----|------|
| | | 40216442031 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <237 | 1310 | 1310 | 1290 | 1290 | 99 | 98 | 59-136 | 0 | 20 | | |
| 1,2-Dibromoethane (EDB) | ug/kg | <25.0 | 1310 | 1310 | 1440 | 1410 | 110 | 108 | 70-130 | 2 | 20 | | |
| 1,2-Dichlorobenzene | ug/kg | <25.0 | 1310 | 1310 | 1430 | 1350 | 110 | 104 | 70-130 | 6 | 20 | | |
| 1,2-Dichloroethane | ug/kg | <25.0 | 1310 | 1310 | 1340 | 1280 | 103 | 98 | 70-136 | 5 | 20 | | |
| 1,2-Dichloropropane | ug/kg | <25.0 | 1310 | 1310 | 1370 | 1280 | 105 | 98 | 78-128 | 6 | 20 | | |
| 1,3-Dichlorobenzene | ug/kg | <25.0 | 1310 | 1310 | 1450 | 1320 | 111 | 101 | 70-130 | 10 | 20 | | |
| 1,4-Dichlorobenzene | ug/kg | <25.0 | 1310 | 1310 | 1370 | 1230 | 105 | 94 | 70-130 | 11 | 20 | | |
| Benzene | ug/kg | <25.0 | 1310 | 1310 | 1340 | 1300 | 102 | 99 | 70-130 | 3 | 20 | | |
| Bromodichloromethane | ug/kg | <25.0 | 1310 | 1310 | 1380 | 1310 | 106 | 100 | 70-130 | 6 | 20 | | |
| Bromoform | ug/kg | <25.0 | 1310 | 1310 | 1300 | 1260 | 99 | 97 | 63-130 | 3 | 20 | | |
| Bromomethane | ug/kg | <63.8 | 1310 | 1310 | 869 | 871 | 66 | 67 | 33-146 | 0 | 20 | | |
| Carbon tetrachloride | ug/kg | <25.0 | 1310 | 1310 | 1300 | 1220 | 99 | 93 | 65-130 | 6 | 20 | | |
| Chlorobenzene | ug/kg | <25.0 | 1310 | 1310 | 1410 | 1360 | 108 | 104 | 70-130 | 4 | 20 | | |
| Chloroethane | ug/kg | <46.4 | 1310 | 1310 | 1160 | 1120 | 89 | 86 | 46-156 | 3 | 20 | | |
| Chloroform | ug/kg | <47.5 | 1310 | 1310 | 1330 | 1290 | 102 | 99 | 75-130 | 3 | 20 | | |
| Chloromethane | ug/kg | <25.0 | 1310 | 1310 | 981 | 937 | 75 | 72 | 20-139 | 5 | 20 | | |
| cis-1,2-Dichloroethene | ug/kg | <25.0 | 1310 | 1310 | 1330 | 1220 | 102 | 93 | 69-130 | 9 | 20 | | |
| cis-1,3-Dichloropropene | ug/kg | <42.3 | 1310 | 1310 | 1330 | 1240 | 102 | 95 | 70-130 | 7 | 20 | | |
| Dibromochloromethane | ug/kg | <229 | 1310 | 1310 | 1420 | 1350 | 109 | 103 | 70-130 | 5 | 20 | | |
| Dichlorodifluoromethane | ug/kg | <25.0 | 1310 | 1310 | 742 | 701 | 57 | 54 | 10-99 | 6 | 22 | | |
| Ethylbenzene | ug/kg | <25.0 | 1310 | 1310 | 1380 | 1320 | 106 | 101 | 80-120 | 5 | 20 | | |
| Isopropylbenzene (Cumene) | ug/kg | <25.0 | 1310 | 1310 | 1380 | 1310 | 106 | 100 | 70-130 | 5 | 20 | | |
| m&p-Xylene | ug/kg | <50.0 | 2620 | 2620 | 2790 | 2640 | 107 | 101 | 70-130 | 5 | 20 | | |
| Methyl-tert-butyl ether | ug/kg | <25.0 | 1310 | 1310 | 1350 | 1240 | 103 | 95 | 70-130 | 8 | 20 | | |
| Methylene Chloride | ug/kg | <26.3 | 1310 | 1310 | 1290 | 1240 | 99 | 95 | 70-136 | 4 | 20 | | |
| o-Xylene | ug/kg | <25.0 | 1310 | 1310 | 1390 | 1310 | 106 | 100 | 70-130 | 6 | 20 | | |
| Styrene | ug/kg | <25.0 | 1310 | 1310 | 1470 | 1350 | 112 | 104 | 70-130 | 8 | 20 | | |
| Tetrachloroethene | ug/kg | <38.7 | 1310 | 1310 | 1330 | 1300 | 102 | 99 | 68-130 | 3 | 20 | | |
| Toluene | ug/kg | <25.0 | 1310 | 1310 | 1390 | 1330 | 106 | 101 | 80-120 | 5 | 20 | | |
| trans-1,2-Dichloroethene | ug/kg | <25.0 | 1310 | 1310 | 1310 | 1230 | 100 | 94 | 70-130 | 6 | 20 | | |
| trans-1,3-Dichloropropene | ug/kg | <25.0 | 1310 | 1310 | 1380 | 1240 | 106 | 95 | 70-130 | 11 | 20 | | |
| Trichloroethene | ug/kg | <25.0 | 1310 | 1310 | 1340 | 1290 | 102 | 99 | 70-130 | 4 | 20 | | |
| Trichlorofluoromethane | ug/kg | <25.0 | 1310 | 1310 | 1180 | 1140 | 90 | 87 | 53-128 | 3 | 20 | | |
| Vinyl chloride | ug/kg | <25.0 | 1310 | 1310 | 1060 | 1010 | 81 | 77 | 32-118 | 5 | 20 | | |
| Xylene (Total) | ug/kg | <75.0 | 3920 | 3920 | 4180 | 3950 | 106 | 101 | 70-130 | 6 | 20 | | |
| 4-Bromofluorobenzene (S) | % | | | | | | 108 | 109 | 52-137 | | | | |
| Dibromofluoromethane (S) | % | | | | | | 103 | 103 | 58-145 | | | | |
| Toluene-d8 (S) | % | | | | | | 108 | 108 | 56-140 | | | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| | | | |
|------------------|----------------|-----------------------|--------------------------------------|
| QC Batch: | 368636 | Analysis Method: | EPA 8260 |
| QC Batch Method: | EPA 5035/5030B | Analysis Description: | 8260 MSV Med Level Normal List |
| | | Laboratory: | Pace Analytical Services - Green Bay |

Associated Lab Samples: 40216442038, 40216442039, 40216442040, 40216442041, 40216442042, 40216442043, 40216442044

METHOD BLANK: 2131470

Matrix: Solid

Associated Lab Samples: 40216442038, 40216442039, 40216442040, 40216442041, 40216442042, 40216442043, 40216442044

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/kg | <7.8 | 50.0 | 10/19/20 19:38 | |
| 1,1,1-Trichloroethane | ug/kg | <13.5 | 50.0 | 10/19/20 19:38 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <15.7 | 52.0 | 10/19/20 19:38 | |
| 1,1,2-Trichloroethane | ug/kg | <15.7 | 52.0 | 10/19/20 19:38 | |
| 1,1-Dichloroethane | ug/kg | <13.5 | 50.0 | 10/19/20 19:38 | |
| 1,1-Dichloroethene | ug/kg | <11.8 | 50.0 | 10/19/20 19:38 | |
| 1,1-Dichloropropene | ug/kg | <10.7 | 50.0 | 10/19/20 19:38 | |
| 1,2,3-Trichlorobenzene | ug/kg | <47.3 | 158 | 10/19/20 19:38 | |
| 1,2,3-Trichloropropane | ug/kg | <37.4 | 125 | 10/19/20 19:38 | |
| 1,2,4-Trichlorobenzene | ug/kg | <41.7 | 250 | 10/19/20 19:38 | |
| 1,2,4-Trimethylbenzene | ug/kg | <18.1 | 60.0 | 10/19/20 19:38 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <237 | 789 | 10/19/20 19:38 | |
| 1,2-Dibromoethane (EDB) | ug/kg | <17.0 | 57.0 | 10/19/20 19:38 | |
| 1,2-Dichlorobenzene | ug/kg | <13.1 | 50.0 | 10/19/20 19:38 | |
| 1,2-Dichloroethane | ug/kg | <13.8 | 50.0 | 10/19/20 19:38 | |
| 1,2-Dichloropropane | ug/kg | <13.5 | 50.0 | 10/19/20 19:38 | |
| 1,3,5-Trimethylbenzene | ug/kg | <16.0 | 53.0 | 10/19/20 19:38 | |
| 1,3-Dichlorobenzene | ug/kg | <13.0 | 50.0 | 10/19/20 19:38 | |
| 1,3-Dichloropropane | ug/kg | <11.0 | 50.0 | 10/19/20 19:38 | |
| 1,4-Dichlorobenzene | ug/kg | <12.0 | 50.0 | 10/19/20 19:38 | |
| 2,2-Dichloropropane | ug/kg | <15.7 | 52.0 | 10/19/20 19:38 | |
| 2-Chlorotoluene | ug/kg | <19.3 | 64.0 | 10/19/20 19:38 | |
| 4-Chlorotoluene | ug/kg | <19.3 | 64.0 | 10/19/20 19:38 | |
| Benzene | ug/kg | <12.5 | 42.0 | 10/19/20 19:38 | |
| Bromobenzene | ug/kg | <18.5 | 62.0 | 10/19/20 19:38 | |
| Bromochloromethane | ug/kg | <20.9 | 70.0 | 10/19/20 19:38 | |
| Bromodichloromethane | ug/kg | <10.0 | 50.0 | 10/19/20 19:38 | |
| Bromoform | ug/kg | <21.6 | 72.0 | 10/19/20 19:38 | |
| Bromomethane | ug/kg | <63.8 | 250 | 10/19/20 19:38 | |
| Carbon tetrachloride | ug/kg | <7.5 | 50.0 | 10/19/20 19:38 | |
| Chlorobenzene | ug/kg | <16.8 | 56.0 | 10/19/20 19:38 | |
| Chloroethane | ug/kg | <46.4 | 250 | 10/19/20 19:38 | |
| Chloroform | ug/kg | <47.5 | 250 | 10/19/20 19:38 | |
| Chloromethane | ug/kg | <24.0 | 80.0 | 10/19/20 19:38 | |
| cis-1,2-Dichloroethene | ug/kg | <14.8 | 50.0 | 10/19/20 19:38 | |
| cis-1,3-Dichloropropene | ug/kg | <42.3 | 141 | 10/19/20 19:38 | |
| Dibromochloromethane | ug/kg | <229 | 763 | 10/19/20 19:38 | |
| Dibromomethane | ug/kg | <17.7 | 59.0 | 10/19/20 19:38 | |
| Dichlorodifluoromethane | ug/kg | <21.7 | 72.0 | 10/19/20 19:38 | |
| Diisopropyl ether | ug/kg | <14.0 | 50.0 | 10/19/20 19:38 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

METHOD BLANK: 2131470

Matrix: Solid

Associated Lab Samples: 40216442038, 40216442039, 40216442040, 40216442041, 40216442042, 40216442043, 40216442044

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Ethylbenzene | ug/kg | <14.5 | 50.0 | 10/19/20 19:38 | |
| Hexachloro-1,3-butadiene | ug/kg | <68.7 | 229 | 10/19/20 19:38 | |
| Isopropylbenzene (Cumene) | ug/kg | <17.7 | 59.0 | 10/19/20 19:38 | |
| m&p-Xylene | ug/kg | <32.4 | 108 | 10/19/20 19:38 | |
| Methyl-tert-butyl ether | ug/kg | <16.2 | 54.0 | 10/19/20 19:38 | |
| Methylene Chloride | ug/kg | <26.3 | 88.0 | 10/19/20 19:38 | |
| n-Butylbenzene | ug/kg | <30.0 | 100 | 10/19/20 19:38 | |
| n-Propylbenzene | ug/kg | <17.8 | 59.0 | 10/19/20 19:38 | |
| Naphthalene | ug/kg | <27.3 | 91.0 | 10/19/20 19:38 | |
| o-Xylene | ug/kg | <18.1 | 60.0 | 10/19/20 19:38 | |
| p-Isopropyltoluene | ug/kg | <21.7 | 72.0 | 10/19/20 19:38 | |
| sec-Butylbenzene | ug/kg | <21.5 | 72.0 | 10/19/20 19:38 | |
| Styrene | ug/kg | <12.3 | 50.0 | 10/19/20 19:38 | |
| tert-Butylbenzene | ug/kg | <18.7 | 62.0 | 10/19/20 19:38 | |
| Tetrachloroethene | ug/kg | <38.7 | 129 | 10/19/20 19:38 | |
| Toluene | ug/kg | <13.1 | 50.0 | 10/19/20 19:38 | |
| trans-1,2-Dichloroethene | ug/kg | <20.2 | 67.0 | 10/19/20 19:38 | |
| trans-1,3-Dichloropropene | ug/kg | <22.2 | 74.0 | 10/19/20 19:38 | |
| Trichloroethene | ug/kg | <12.8 | 50.0 | 10/19/20 19:38 | |
| Trichlorofluoromethane | ug/kg | <19.6 | 65.0 | 10/19/20 19:38 | |
| Vinyl chloride | ug/kg | <14.5 | 50.0 | 10/19/20 19:38 | |
| Xylene (Total) | ug/kg | <50.5 | 168 | 10/19/20 19:38 | |
| 4-Bromofluorobenzene (S) | % | 97 | 52-137 | 10/19/20 19:38 | |
| Dibromofluoromethane (S) | % | 102 | 58-145 | 10/19/20 19:38 | |
| Toluene-d8 (S) | % | 105 | 56-140 | 10/19/20 19:38 | |

LABORATORY CONTROL SAMPLE: 2131471

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1-Trichloroethane | ug/kg | 2500 | 2550 | 102 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/kg | 2500 | 2530 | 101 | 70-130 | |
| 1,1,2-Trichloroethane | ug/kg | 2500 | 2450 | 98 | 70-130 | |
| 1,1-Dichloroethane | ug/kg | 2500 | 2550 | 102 | 69-143 | |
| 1,1-Dichloroethene | ug/kg | 2500 | 2270 | 91 | 73-118 | |
| 1,2,4-Trichlorobenzene | ug/kg | 2500 | 2490 | 100 | 60-130 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | 2500 | 2450 | 98 | 66-130 | |
| 1,2-Dibromoethane (EDB) | ug/kg | 2500 | 2620 | 105 | 70-130 | |
| 1,2-Dichlorobenzene | ug/kg | 2500 | 2430 | 97 | 70-130 | |
| 1,2-Dichloroethane | ug/kg | 2500 | 2500 | 100 | 70-130 | |
| 1,2-Dichloropropane | ug/kg | 2500 | 2520 | 101 | 78-126 | |
| 1,3-Dichlorobenzene | ug/kg | 2500 | 2390 | 96 | 70-130 | |
| 1,4-Dichlorobenzene | ug/kg | 2500 | 2300 | 92 | 70-130 | |
| Benzene | ug/kg | 2500 | 2530 | 101 | 70-130 | |
| Bromodichloromethane | ug/kg | 2500 | 2550 | 102 | 70-130 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

LABORATORY CONTROL SAMPLE: 2131471

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| Bromoform | ug/kg | 2500 | 2300 | 92 | 67-130 | |
| Bromomethane | ug/kg | 2500 | 1500 | 60 | 45-134 | |
| Carbon tetrachloride | ug/kg | 2500 | 2540 | 102 | 70-130 | |
| Chlorobenzene | ug/kg | 2500 | 2520 | 101 | 70-130 | |
| Chloroethane | ug/kg | 2500 | 2040 | 82 | 58-143 | |
| Chloroform | ug/kg | 2500 | 2530 | 101 | 76-122 | |
| Chloromethane | ug/kg | 2500 | 1730 | 69 | 45-120 | |
| cis-1,2-Dichloroethene | ug/kg | 2500 | 2360 | 94 | 69-130 | |
| cis-1,3-Dichloropropene | ug/kg | 2500 | 2360 | 94 | 70-130 | |
| Dibromochloromethane | ug/kg | 2500 | 2620 | 105 | 70-130 | |
| Dichlorodifluoromethane | ug/kg | 2500 | 1360 | 54 | 26-99 | |
| Ethylbenzene | ug/kg | 2500 | 2480 | 99 | 80-120 | |
| Isopropylbenzene (Cumene) | ug/kg | 2500 | 2510 | 100 | 70-130 | |
| m&p-Xylene | ug/kg | 5000 | 5020 | 100 | 70-130 | |
| Methyl-tert-butyl ether | ug/kg | 2500 | 2410 | 96 | 70-130 | |
| Methylene Chloride | ug/kg | 2500 | 2270 | 91 | 70-130 | |
| o-Xylene | ug/kg | 2500 | 2530 | 101 | 70-130 | |
| Styrene | ug/kg | 2500 | 2610 | 104 | 70-130 | |
| Tetrachloroethene | ug/kg | 2500 | 2410 | 96 | 70-130 | |
| Toluene | ug/kg | 2500 | 2480 | 99 | 80-120 | |
| trans-1,2-Dichloroethene | ug/kg | 2500 | 2290 | 92 | 70-130 | |
| trans-1,3-Dichloropropene | ug/kg | 2500 | 2240 | 90 | 70-130 | |
| Trichloroethene | ug/kg | 2500 | 2550 | 102 | 70-130 | |
| Trichlorofluoromethane | ug/kg | 2500 | 2190 | 88 | 70-128 | |
| Vinyl chloride | ug/kg | 2500 | 1940 | 78 | 53-110 | |
| Xylene (Total) | ug/kg | 7500 | 7550 | 101 | 70-130 | |
| 4-Bromofluorobenzene (S) | % | | | 104 | 52-137 | |
| Dibromofluoromethane (S) | % | | | 103 | 58-145 | |
| Toluene-d8 (S) | % | | | 104 | 56-140 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2131472 2131473

| Parameter | Units | MS | | MSD | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------------------------|-------|-------------|-------------|-------------|--------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| | | 40216567004 | Spike Conc. | Spike Conc. | Result | | | | | | | | |
| 1,1,1-Trichloroethane | ug/kg | <25.0 | 1490 | 1490 | 1490 | 1510 | 100 | 101 | 66-130 | 1 | 20 | | |
| 1,1,2,2-Tetrachloroethane | ug/kg | <25.0 | 1490 | 1490 | 2340 | 2200 | 157 | 148 | 70-133 | 6 | 20 | M1 | |
| 1,1,2-Trichloroethane | ug/kg | <25.0 | 1490 | 1490 | 1720 | 1710 | 116 | 115 | 70-130 | 0 | 20 | | |
| 1,1-Dichloroethane | ug/kg | <25.0 | 1490 | 1490 | 1520 | 1550 | 102 | 104 | 69-143 | 2 | 20 | | |
| 1,1-Dichloroethene | ug/kg | <25.0 | 1490 | 1490 | 1360 | 1350 | 91 | 91 | 58-120 | 0 | 20 | | |
| 1,2,4-Trichlorobenzene | ug/kg | <41.7 | 1490 | 1490 | 2340 | 2410 | 158 | 162 | 60-130 | 3 | 20 | M1 | |
| 1,2-Dibromo-3-chloropropane | ug/kg | <237 | 1490 | 1490 | 2180 | 1890 | 147 | 127 | 59-136 | 15 | 20 | M1 | |
| 1,2-Dibromoethane (EDB) | ug/kg | <25.0 | 1490 | 1490 | 1820 | 1760 | 122 | 118 | 70-130 | 3 | 20 | | |
| 1,2-Dichlorobenzene | ug/kg | <25.0 | 1490 | 1490 | 2260 | 2140 | 152 | 144 | 70-130 | 6 | 20 | M1 | |
| 1,2-Dichloroethane | ug/kg | <25.0 | 1490 | 1490 | 1560 | 1470 | 105 | 99 | 70-136 | 5 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Parameter | Units | 2131472 | | 2131473 | | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | RPD | Qual |
|------------------------------|-------|-----------------------|----------------------|-----------------------|--------------|-------------|--------------|-----------------|------------|-----|-------|
| | | 40216567004 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | |
| 1,2-Dichloropropane | ug/kg | <25.0 | 1490 | 1490 | 1540 | 1540 | 103 | 104 | 78-128 | 0 | 20 |
| 1,3-Dichlorobenzene | ug/kg | <25.0 | 1490 | 1490 | 2190 | 2160 | 148 | 146 | 70-130 | 1 | 20 M1 |
| 1,4-Dichlorobenzene | ug/kg | <25.0 | 1490 | 1490 | 2070 | 2090 | 139 | 141 | 70-130 | 1 | 20 M1 |
| Benzene | ug/kg | <25.0 | 1490 | 1490 | 1540 | 1540 | 104 | 104 | 70-130 | 0 | 20 |
| Bromodichloromethane | ug/kg | <25.0 | 1490 | 1490 | 1550 | 1560 | 104 | 105 | 70-130 | 1 | 20 |
| Bromoform | ug/kg | <25.0 | 1490 | 1490 | 1640 | 1580 | 110 | 106 | 63-130 | 4 | 20 |
| Bromomethane | ug/kg | <63.8 | 1490 | 1490 | 956 | 971 | 60 | 61 | 33-146 | 2 | 20 |
| Carbon tetrachloride | ug/kg | <25.0 | 1490 | 1490 | 1540 | 1530 | 104 | 103 | 65-130 | 1 | 20 |
| Chlorobenzene | ug/kg | <25.0 | 1490 | 1490 | 1720 | 1710 | 115 | 115 | 70-130 | 1 | 20 |
| Chloroethane | ug/kg | <46.4 | 1490 | 1490 | 1300 | 1290 | 87 | 86 | 46-156 | 1 | 20 |
| Chloroform | ug/kg | <47.5 | 1490 | 1490 | 1490 | 1530 | 100 | 103 | 75-130 | 2 | 20 |
| Chloromethane | ug/kg | <25.0 | 1490 | 1490 | 986 | 999 | 66 | 67 | 20-139 | 1 | 20 |
| cis-1,2-Dichloroethene | ug/kg | <25.0 | 1490 | 1490 | 1470 | 1490 | 99 | 100 | 69-130 | 1 | 20 |
| cis-1,3-Dichloropropene | ug/kg | <42.3 | 1490 | 1490 | 1410 | 1450 | 95 | 97 | 70-130 | 2 | 20 |
| Dibromochloromethane | ug/kg | <229 | 1490 | 1490 | 1710 | 1700 | 115 | 114 | 70-130 | 0 | 20 |
| Dichlorodifluoromethane | ug/kg | <25.0 | 1490 | 1490 | 697 | 689 | 47 | 46 | 10-99 | 1 | 22 |
| Ethylbenzene | ug/kg | <25.0 | 1490 | 1490 | 1710 | 1700 | 115 | 114 | 80-120 | 1 | 20 |
| Isopropylbenzene (Cumene) | ug/kg | <25.0 | 1490 | 1490 | 1750 | 1750 | 118 | 118 | 70-130 | 0 | 20 |
| m&p-Xylene | ug/kg | <50.0 | 2970 | 2970 | 3460 | 3450 | 116 | 116 | 70-130 | 0 | 20 |
| Methyl-tert-butyl ether | ug/kg | <25.0 | 1490 | 1490 | 1430 | 1380 | 96 | 93 | 70-130 | 4 | 20 |
| Methylene Chloride | ug/kg | <26.3 | 1490 | 1490 | 1370 | 1390 | 92 | 93 | 70-136 | 1 | 20 |
| o-Xylene | ug/kg | <25.0 | 1490 | 1490 | 1720 | 1670 | 115 | 113 | 70-130 | 2 | 20 |
| Styrene | ug/kg | <25.0 | 1490 | 1490 | 1770 | 1750 | 119 | 118 | 70-130 | 1 | 20 |
| Tetrachloroethene | ug/kg | <38.7 | 1490 | 1490 | 1670 | 1700 | 112 | 114 | 68-130 | 2 | 20 |
| Toluene | ug/kg | <25.0 | 1490 | 1490 | 1740 | 1720 | 117 | 116 | 80-120 | 1 | 20 |
| trans-1,2-Dichloroethene | ug/kg | <25.0 | 1490 | 1490 | 1360 | 1390 | 91 | 94 | 70-130 | 3 | 20 |
| trans-1,3-Dichloropropene | ug/kg | <25.0 | 1490 | 1490 | 1580 | 1480 | 106 | 100 | 70-130 | 6 | 20 |
| Trichloroethene | ug/kg | <25.0 | 1490 | 1490 | 1560 | 1540 | 105 | 103 | 70-130 | 1 | 20 |
| Trichlorofluoromethane | ug/kg | <25.0 | 1490 | 1490 | 1360 | 1340 | 91 | 90 | 53-128 | 1 | 20 |
| Vinyl chloride | ug/kg | <25.0 | 1490 | 1490 | 1170 | 1160 | 79 | 78 | 32-118 | 1 | 20 |
| Xylene (Total) | ug/kg | <75.0 | 4460 | 4460 | 5180 | 5120 | 116 | 115 | 70-130 | 1 | 20 |
| 4-Bromofluorobenzene (S) | % | | | | | | 119 | 118 | 52-137 | | |
| Dibromofluoromethane (S) | % | | | | | | 103 | 105 | 58-145 | | |
| Toluene-d8 (S) | % | | | | | | 120 | 118 | 56-140 | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

QC Batch: 368326 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40216442001, 40216442002, 40216442003, 40216442004

METHOD BLANK: 2129207 Matrix: Solid
Associated Lab Samples: 40216442001, 40216442002, 40216442003, 40216442004

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| 1,4-Dioxane (p-Dioxane) | ug/kg | <90.6 | 302 | 10/15/20 13:57 | |
| 1-Methylnaphthalene | ug/kg | <47.6 | 159 | 10/15/20 13:57 | |
| 2-Methylnaphthalene | ug/kg | <43.4 | 145 | 10/15/20 13:57 | |
| Acenaphthene | ug/kg | <59.3 | 198 | 10/15/20 13:57 | |
| Acenaphthylene | ug/kg | <59.6 | 199 | 10/15/20 13:57 | |
| Anthracene | ug/kg | <26.7 | 89.0 | 10/15/20 13:57 | |
| Benzo(a)anthracene | ug/kg | <25.9 | 86.3 | 10/15/20 13:57 | |
| Benzo(a)pyrene | ug/kg | <25.1 | 83.8 | 10/15/20 13:57 | |
| Benzo(b)fluoranthene | ug/kg | <28.7 | 95.7 | 10/15/20 13:57 | |
| Benzo(g,h,i)perylene | ug/kg | <43.7 | 146 | 10/15/20 13:57 | |
| Benzo(k)fluoranthene | ug/kg | <40.0 | 133 | 10/15/20 13:57 | |
| Chrysene | ug/kg | <25.0 | 83.3 | 10/15/20 13:57 | |
| Dibenz(a,h)anthracene | ug/kg | <45.4 | 151 | 10/15/20 13:57 | |
| Fluoranthene | ug/kg | <23.6 | 78.8 | 10/15/20 13:57 | |
| Fluorene | ug/kg | <19.5 | 65.1 | 10/15/20 13:57 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <36.2 | 121 | 10/15/20 13:57 | |
| Naphthalene | ug/kg | <58.4 | 195 | 10/15/20 13:57 | |
| Pentachlorophenol | ug/kg | <36.8 | 123 | 10/15/20 13:57 | |
| Phenanthrene | ug/kg | <21.4 | 71.5 | 10/15/20 13:57 | |
| Pyrene | ug/kg | <37.0 | 123 | 10/15/20 13:57 | |
| 2,4,6-Tribromophenol (S) | % | 87 | 10-153 | 10/15/20 13:57 | |
| 2-Fluorobiphenyl (S) | % | 81 | 45-103 | 10/15/20 13:57 | |
| 2-Fluorophenol (S) | % | 62 | 10-110 | 10/15/20 13:57 | |
| Nitrobenzene-d5 (S) | % | 65 | 17-110 | 10/15/20 13:57 | |
| Phenol-d6 (S) | % | 61 | 11-109 | 10/15/20 13:57 | |
| Terphenyl-d14 (S) | % | 99 | 46-100 | 10/15/20 13:57 | |

LABORATORY CONTROL SAMPLE: 2129208

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------|-------|-------------|------------|-----------|--------------|------------|
| 1-Methylnaphthalene | ug/kg | 1670 | 1630 | 98 | 70-130 | |
| 2-Methylnaphthalene | ug/kg | 1670 | 1610 | 97 | 69-130 | |
| Acenaphthene | ug/kg | 1670 | 1600 | 96 | 73-113 | |
| Acenaphthylene | ug/kg | 1670 | 1630 | 98 | 70-116 | |
| Anthracene | ug/kg | 1670 | 1690 | 101 | 70-121 | |
| Benzo(a)anthracene | ug/kg | 1670 | 1520 | 91 | 70-117 | |
| Benzo(a)pyrene | ug/kg | 1670 | 1610 | 97 | 67-111 | |
| Benzo(b)fluoranthene | ug/kg | 1670 | 1510 | 90 | 67-112 | |
| Benzo(g,h,i)perylene | ug/kg | 1670 | 1560 | 93 | 59-117 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

LABORATORY CONTROL SAMPLE: 2129208

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| Benzo(k)fluoranthene | ug/kg | 1670 | 1650 | 99 | 70-112 | |
| Chrysene | ug/kg | 1670 | 1590 | 95 | 65-125 | |
| Dibenz(a,h)anthracene | ug/kg | 1670 | 1390 | 83 | 37-123 | |
| Fluoranthene | ug/kg | 1670 | 1660 | 99 | 77-118 | |
| Fluorene | ug/kg | 1670 | 1620 | 97 | 70-118 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 1670 | 1410 | 85 | 53-115 | |
| Naphthalene | ug/kg | 1670 | 1590 | 96 | 70-113 | |
| Pentachlorophenol | ug/kg | 1670 | 947 | 57 | 43-101 | |
| Phenanthrene | ug/kg | 1670 | 1640 | 99 | 70-115 | |
| Pyrene | ug/kg | 1670 | 1600 | 96 | 70-126 | |
| 2,4,6-Tribromophenol (S) | % | | | 91 | 10-153 | |
| 2-Fluorobiphenyl (S) | % | | | 90 | 45-103 | |
| 2-Fluorophenol (S) | % | | | 81 | 10-110 | |
| Nitrobenzene-d5 (S) | % | | | 81 | 17-110 | |
| Phenol-d6 (S) | % | | | 78 | 11-109 | |
| Terphenyl-d14 (S) | % | | | 91 | 46-100 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129209 2129210

| Parameter | Units | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual | |
|--------------------------|-------|--------------------|-------------|-------------|-----------|----------|-----------|--------------|--------|---------|------|------------|
| | | 10535042015 Result | Spike Conc. | Spike Conc. | MS Result | | | | | | | MSD Result |
| 1-Methylnaphthalene | ug/kg | <69.0 | 2420 | 2420 | 2220 | 2160 | 91 | 89 | 45-130 | 2 | 20 | |
| 2-Methylnaphthalene | ug/kg | <62.9 | 2420 | 2420 | 2160 | 2100 | 89 | 87 | 54-130 | 3 | 24 | |
| Acenaphthene | ug/kg | <85.9 | 2420 | 2420 | 2120 | 2040 | 87 | 84 | 49-113 | 4 | 24 | |
| Acenaphthylene | ug/kg | <86.4 | 2420 | 2420 | 2170 | 2170 | 90 | 90 | 52-116 | 0 | 25 | |
| Anthracene | ug/kg | <38.7 | 2420 | 2420 | 2300 | 2270 | 95 | 94 | 50-121 | 2 | 27 | |
| Benzo(a)anthracene | ug/kg | <37.5 | 2420 | 2420 | 2060 | 2100 | 84 | 86 | 50-117 | 2 | 24 | |
| Benzo(a)pyrene | ug/kg | <36.4 | 2420 | 2420 | 2190 | 2190 | 90 | 90 | 35-121 | 0 | 24 | |
| Benzo(b)fluoranthene | ug/kg | <41.6 | 2420 | 2420 | 2070 | 2110 | 85 | 87 | 45-112 | 2 | 27 | |
| Benzo(g,h,i)perylene | ug/kg | <63.4 | 2420 | 2420 | 2140 | 2170 | 88 | 89 | 35-117 | 1 | 23 | |
| Benzo(k)fluoranthene | ug/kg | <58.0 | 2420 | 2420 | 2030 | 2070 | 84 | 86 | 48-112 | 2 | 24 | |
| Chrysene | ug/kg | <36.2 | 2420 | 2420 | 2120 | 2160 | 88 | 89 | 54-125 | 2 | 24 | |
| Dibenz(a,h)anthracene | ug/kg | <65.8 | 2420 | 2420 | 2020 | 2020 | 83 | 83 | 29-124 | 0 | 29 | |
| Fluoranthene | ug/kg | <34.3 | 2420 | 2420 | 2330 | 2360 | 96 | 97 | 57-121 | 1 | 29 | |
| Fluorene | ug/kg | <28.3 | 2420 | 2420 | 2210 | 2130 | 91 | 88 | 53-118 | 4 | 20 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <52.4 | 2420 | 2420 | 2110 | 2100 | 86 | 86 | 33-118 | 1 | 29 | |
| Naphthalene | ug/kg | <84.7 | 2420 | 2420 | 2060 | 2010 | 85 | 83 | 49-113 | 2 | 25 | |
| Pentachlorophenol | ug/kg | <53.3 | 2420 | 2420 | 1740 | 1620 | 72 | 67 | 10-133 | 7 | 48 | |
| Phenanthrene | ug/kg | <31.1 | 2420 | 2420 | 2150 | 2100 | 89 | 87 | 48-115 | 2 | 27 | |
| Pyrene | ug/kg | <53.7 | 2420 | 2420 | 2180 | 2270 | 89 | 93 | 49-126 | 4 | 23 | |
| 2,4,6-Tribromophenol (S) | % | | | | | | 94 | 85 | 10-153 | | | |
| 2-Fluorobiphenyl (S) | % | | | | | | 84 | 80 | 45-103 | | | |
| 2-Fluorophenol (S) | % | | | | | | 73 | 73 | 10-110 | | | |
| Nitrobenzene-d5 (S) | % | | | | | | 71 | 71 | 17-110 | | | |
| Phenol-d6 (S) | % | | | | | | 71 | 67 | 11-109 | | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129209 | | | | | | | | | | | | 2129210 | |
|--|-------|-----------------------|----------------|----------------|--------------|---------------|-------------|--------------|-----------------|-----|------------|---------|--|
| Parameter | Units | 10535042015 Result | MS | MSD | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual | |
| | | | Spike Conc. | Spike Conc. | | | | | | | | | |
| Terphenyl-d14 (S) | % | | | | | | 84 | 85 | 46-100 | | | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

| | | | |
|------------------|----------|-----------------------|--------------------------------------|
| QC Batch: | 368327 | Analysis Method: | EPA 8270 |
| QC Batch Method: | EPA 3546 | Analysis Description: | 8270 Solid MSSV Microwave |
| | | Laboratory: | Pace Analytical Services - Green Bay |

Associated Lab Samples: 40216442005, 40216442006, 40216442007, 40216442008, 40216442009, 40216442010, 40216442011, 40216442012, 40216442013, 40216442014, 40216442015, 40216442016, 40216442017, 40216442018, 40216442019, 40216442020, 40216442021, 40216442022, 40216442023, 40216442024

METHOD BLANK: 2129211 Matrix: Solid
Associated Lab Samples: 40216442005, 40216442006, 40216442007, 40216442008, 40216442009, 40216442010, 40216442011, 40216442012, 40216442013, 40216442014, 40216442015, 40216442016, 40216442017, 40216442018, 40216442019, 40216442020, 40216442021, 40216442022, 40216442023, 40216442024

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| 1,4-Dioxane (p-Dioxane) | ug/kg | <90.6 | 302 | 10/15/20 14:40 | |
| 1-Methylnaphthalene | ug/kg | <47.6 | 159 | 10/15/20 14:40 | |
| 2-Methylnaphthalene | ug/kg | <43.4 | 145 | 10/15/20 14:40 | |
| Acenaphthene | ug/kg | <59.3 | 198 | 10/15/20 14:40 | |
| Acenaphthylene | ug/kg | <59.6 | 199 | 10/15/20 14:40 | |
| Anthracene | ug/kg | <26.7 | 89.0 | 10/15/20 14:40 | |
| Benzo(a)anthracene | ug/kg | <25.9 | 86.3 | 10/15/20 14:40 | |
| Benzo(a)pyrene | ug/kg | <25.1 | 83.8 | 10/15/20 14:40 | |
| Benzo(b)fluoranthene | ug/kg | <28.7 | 95.7 | 10/15/20 14:40 | |
| Benzo(g,h,i)perylene | ug/kg | <43.7 | 146 | 10/15/20 14:40 | |
| Benzo(k)fluoranthene | ug/kg | <40.0 | 133 | 10/15/20 14:40 | |
| Chrysene | ug/kg | <25.0 | 83.3 | 10/15/20 14:40 | |
| Dibenz(a,h)anthracene | ug/kg | <45.4 | 151 | 10/15/20 14:40 | |
| Fluoranthene | ug/kg | <23.6 | 78.8 | 10/15/20 14:40 | |
| Fluorene | ug/kg | <19.5 | 65.1 | 10/15/20 14:40 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <36.2 | 121 | 10/15/20 14:40 | |
| Naphthalene | ug/kg | <58.4 | 195 | 10/15/20 14:40 | |
| Pentachlorophenol | ug/kg | <36.8 | 123 | 10/15/20 14:40 | |
| Phenanthrene | ug/kg | <21.4 | 71.5 | 10/15/20 14:40 | |
| Pyrene | ug/kg | <37.0 | 123 | 10/15/20 14:40 | |
| 2,4,6-Tribromophenol (S) | % | 81 | 10-153 | 10/15/20 14:40 | |
| 2-Fluorobiphenyl (S) | % | 75 | 45-103 | 10/15/20 14:40 | |
| 2-Fluorophenol (S) | % | 65 | 10-110 | 10/15/20 14:40 | |
| Nitrobenzene-d5 (S) | % | 64 | 17-110 | 10/15/20 14:40 | |
| Phenol-d6 (S) | % | 62 | 11-109 | 10/15/20 14:40 | |
| Terphenyl-d14 (S) | % | 89 | 46-100 | 10/15/20 14:40 | |

LABORATORY CONTROL SAMPLE: 2129212

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------|-------|-------------|------------|-----------|--------------|------------|
| 1-Methylnaphthalene | ug/kg | 1670 | 1560 | 93 | 70-130 | |
| 2-Methylnaphthalene | ug/kg | 1670 | 1550 | 93 | 69-130 | |
| Acenaphthene | ug/kg | 1670 | 1560 | 94 | 73-113 | |
| Acenaphthylene | ug/kg | 1670 | 1620 | 97 | 70-116 | |
| Anthracene | ug/kg | 1670 | 1710 | 103 | 70-121 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

LABORATORY CONTROL SAMPLE: 2129212

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| Benzo(a)anthracene | ug/kg | 1670 | 1520 | 91 | 70-117 | |
| Benzo(a)pyrene | ug/kg | 1670 | 1650 | 99 | 67-111 | |
| Benzo(b)fluoranthene | ug/kg | 1670 | 1560 | 94 | 67-112 | |
| Benzo(g,h,i)perylene | ug/kg | 1670 | 1580 | 95 | 59-117 | |
| Benzo(k)fluoranthene | ug/kg | 1670 | 1630 | 98 | 70-112 | |
| Chrysene | ug/kg | 1670 | 1610 | 96 | 65-125 | |
| Dibenz(a,h)anthracene | ug/kg | 1670 | 1520 | 91 | 37-123 | |
| Fluoranthene | ug/kg | 1670 | 1690 | 102 | 77-118 | |
| Fluorene | ug/kg | 1670 | 1610 | 97 | 70-118 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 1670 | 1420 | 85 | 53-115 | |
| Naphthalene | ug/kg | 1670 | 1490 | 89 | 70-113 | |
| Pentachlorophenol | ug/kg | 1670 | 1090 | 65 | 43-101 | |
| Phenanthrene | ug/kg | 1670 | 1670 | 100 | 70-115 | |
| Pyrene | ug/kg | 1670 | 1630 | 98 | 70-126 | |
| 2,4,6-Tribromophenol (S) | % | | | 94 | 10-153 | |
| 2-Fluorobiphenyl (S) | % | | | 87 | 45-103 | |
| 2-Fluorophenol (S) | % | | | 73 | 10-110 | |
| Nitrobenzene-d5 (S) | % | | | 75 | 17-110 | |
| Phenol-d6 (S) | % | | | 70 | 11-109 | |
| Terphenyl-d14 (S) | % | | | 92 | 46-100 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129213 2129214

| Parameter | Units | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual | |
|--------------------------|-------|--------------------|-------------|-------------|-----------|----------|-----------|--------------|--------|---------|------|------------|
| | | 40216442010 Result | Spike Conc. | Spike Conc. | MS Result | | | | | | | MSD Result |
| 1-Methylnaphthalene | ug/kg | <53.6 | 1880 | 1880 | 1410 | 1440 | 75 | 76 | 45-130 | 2 | 20 | |
| 2-Methylnaphthalene | ug/kg | <48.9 | 1880 | 1880 | 1400 | 1430 | 74 | 76 | 54-130 | 2 | 24 | |
| Acenaphthene | ug/kg | <66.8 | 1880 | 1880 | 1510 | 1530 | 80 | 81 | 49-113 | 1 | 24 | |
| Acenaphthylene | ug/kg | <67.2 | 1880 | 1880 | 1500 | 1540 | 80 | 82 | 52-116 | 3 | 25 | |
| Anthracene | ug/kg | <30.1 | 1880 | 1880 | 1580 | 1610 | 84 | 85 | 50-121 | 1 | 27 | |
| Benzo(a)anthracene | ug/kg | <29.2 | 1880 | 1880 | 1420 | 1440 | 76 | 76 | 50-117 | 1 | 24 | |
| Benzo(a)pyrene | ug/kg | <28.3 | 1880 | 1880 | 1440 | 1510 | 76 | 80 | 35-121 | 5 | 24 | |
| Benzo(b)fluoranthene | ug/kg | <32.4 | 1880 | 1880 | 1380 | 1440 | 73 | 77 | 45-112 | 5 | 27 | |
| Benzo(g,h,i)perylene | ug/kg | <49.3 | 1880 | 1880 | 1460 | 1510 | 77 | 79 | 35-117 | 3 | 23 | |
| Benzo(k)fluoranthene | ug/kg | <45.1 | 1880 | 1880 | 1570 | 1630 | 84 | 87 | 48-112 | 4 | 24 | |
| Chrysene | ug/kg | <28.2 | 1880 | 1880 | 1590 | 1600 | 84 | 85 | 54-125 | 1 | 24 | |
| Dibenz(a,h)anthracene | ug/kg | <51.2 | 1880 | 1880 | 1220 | 1200 | 65 | 63 | 29-124 | 2 | 29 | |
| Fluoranthene | ug/kg | <26.7 | 1880 | 1880 | 1570 | 1600 | 83 | 85 | 57-121 | 2 | 29 | |
| Fluorene | ug/kg | <22.0 | 1880 | 1880 | 1510 | 1540 | 80 | 82 | 53-118 | 2 | 20 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <40.8 | 1880 | 1880 | 1110 | 1090 | 59 | 58 | 33-118 | 2 | 29 | |
| Naphthalene | ug/kg | <65.9 | 1880 | 1880 | 1280 | 1330 | 68 | 71 | 49-113 | 4 | 25 | |
| Pentachlorophenol | ug/kg | <41.5 | 1880 | 1880 | 994 | 910 | 53 | 48 | 10-133 | 9 | 48 | |
| Phenanthrene | ug/kg | <24.2 | 1880 | 1880 | 1570 | 1590 | 83 | 84 | 48-115 | 1 | 27 | |
| Pyrene | ug/kg | <41.8 | 1880 | 1880 | 1610 | 1600 | 85 | 85 | 49-126 | 1 | 23 | |
| 2,4,6-Tribromophenol (S) | % | | | | | | 74 | 80 | 10-153 | | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129213 2129214 | | | | | | | | | | | | |
|--|-------|-----------------------|----------------|----------------|--------------|---------------|-------------|--------------|-----------------|--------|------------|------|
| Parameter | Units | 40216442010 Result | MS | MSD | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
| | | | Spike Conc. | Spike Conc. | | | | | | | | |
| 2-Fluorobiphenyl (S) | % | | | | | | | 73 | 77 | 45-103 | | |
| Nitrobenzene-d5 (S) | % | | | | | | | 54 | 59 | 17-110 | | |
| Terphenyl-d14 (S) | % | | | | | | | 78 | 79 | 46-100 | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

| | | | |
|------------------|----------|-----------------------|--------------------------------------|
| QC Batch: | 368472 | Analysis Method: | EPA 8270 |
| QC Batch Method: | EPA 3546 | Analysis Description: | 8270 Solid MSSV Microwave |
| | | Laboratory: | Pace Analytical Services - Green Bay |

Associated Lab Samples: 40216442025, 40216442026, 40216442027, 40216442028, 40216442029, 40216442030, 40216442031, 40216442032, 40216442033, 40216442034, 40216442035, 40216442036, 40216442037, 40216442038, 40216442040, 40216442041, 40216442042

METHOD BLANK: 2130119 Matrix: Solid
Associated Lab Samples: 40216442025, 40216442026, 40216442027, 40216442028, 40216442029, 40216442030, 40216442031, 40216442032, 40216442033, 40216442034, 40216442035, 40216442036, 40216442037, 40216442038, 40216442040, 40216442041, 40216442042

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| 1-Methylnaphthalene | ug/kg | <47.5 | 158 | 10/16/20 14:42 | |
| 2-Methylnaphthalene | ug/kg | <43.4 | 145 | 10/16/20 14:42 | |
| Acenaphthene | ug/kg | <59.2 | 197 | 10/16/20 14:42 | |
| Acenaphthylene | ug/kg | <59.6 | 199 | 10/16/20 14:42 | |
| Anthracene | ug/kg | <26.7 | 88.9 | 10/16/20 14:42 | |
| Benzo(a)anthracene | ug/kg | <25.9 | 86.2 | 10/16/20 14:42 | |
| Benzo(a)pyrene | ug/kg | 28.8J | 83.7 | 10/16/20 14:42 | |
| Benzo(b)fluoranthene | ug/kg | <28.7 | 95.6 | 10/16/20 14:42 | |
| Benzo(g,h,i)perylene | ug/kg | <43.7 | 146 | 10/16/20 14:42 | |
| Benzo(k)fluoranthene | ug/kg | <40.0 | 133 | 10/16/20 14:42 | |
| Chrysene | ug/kg | <25.0 | 83.2 | 10/16/20 14:42 | |
| Dibenz(a,h)anthracene | ug/kg | <45.4 | 151 | 10/16/20 14:42 | |
| Fluoranthene | ug/kg | <23.6 | 78.8 | 10/16/20 14:42 | |
| Fluorene | ug/kg | <19.5 | 65.1 | 10/16/20 14:42 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <36.1 | 120 | 10/16/20 14:42 | |
| Naphthalene | ug/kg | <58.4 | 195 | 10/16/20 14:42 | |
| Pentachlorophenol | ug/kg | <36.8 | 123 | 10/16/20 14:42 | |
| Phenanthrene | ug/kg | <21.4 | 71.4 | 10/16/20 14:42 | |
| Pyrene | ug/kg | <37.0 | 123 | 10/16/20 14:42 | |
| 2,4,6-Tribromophenol (S) | % | 77 | 10-153 | 10/16/20 14:42 | |
| 2-Fluorobiphenyl (S) | % | 76 | 45-103 | 10/16/20 14:42 | |
| 2-Fluorophenol (S) | % | 54 | 10-110 | 10/16/20 14:42 | |
| Nitrobenzene-d5 (S) | % | 56 | 17-110 | 10/16/20 14:42 | |
| Phenol-d6 (S) | % | 56 | 11-109 | 10/16/20 14:42 | |
| Terphenyl-d14 (S) | % | 90 | 46-100 | 10/16/20 14:42 | |

LABORATORY CONTROL SAMPLE: 2130120

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------|-------|-------------|------------|-----------|--------------|------------|
| 1-Methylnaphthalene | ug/kg | 1670 | 1590 | 95 | 70-130 | |
| 2-Methylnaphthalene | ug/kg | 1670 | 1590 | 96 | 69-130 | |
| Acenaphthene | ug/kg | 1670 | 1620 | 97 | 73-113 | |
| Acenaphthylene | ug/kg | 1670 | 1640 | 98 | 70-116 | |
| Anthracene | ug/kg | 1670 | 1750 | 105 | 70-121 | |
| Benzo(a)anthracene | ug/kg | 1670 | 1510 | 91 | 70-117 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

LABORATORY CONTROL SAMPLE: 2130120

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| Benzo(a)pyrene | ug/kg | 1670 | 1560 | 94 | 67-111 | |
| Benzo(b)fluoranthene | ug/kg | 1670 | 1470 | 88 | 67-112 | |
| Benzo(g,h,i)perylene | ug/kg | 1670 | 1420 | 85 | 59-117 | |
| Benzo(k)fluoranthene | ug/kg | 1670 | 1640 | 98 | 70-112 | |
| Chrysene | ug/kg | 1670 | 1750 | 105 | 65-125 | |
| Dibenz(a,h)anthracene | ug/kg | 1670 | 1180 | 71 | 37-123 | |
| Fluoranthene | ug/kg | 1670 | 1660 | 100 | 77-118 | |
| Fluorene | ug/kg | 1670 | 1640 | 98 | 70-118 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 1670 | 1140 | 68 | 53-115 | |
| Naphthalene | ug/kg | 1670 | 1540 | 92 | 70-113 | |
| Pentachlorophenol | ug/kg | 1670 | 922 | 55 | 43-101 | |
| Phenanthrene | ug/kg | 1670 | 1710 | 102 | 70-115 | |
| Pyrene | ug/kg | 1670 | 1730 | 104 | 70-126 | |
| 2,4,6-Tribromophenol (S) | % | | | 87 | 10-153 | |
| 2-Fluorobiphenyl (S) | % | | | 90 | 45-103 | |
| 2-Fluorophenol (S) | % | | | 74 | 10-110 | |
| Nitrobenzene-d5 (S) | % | | | 76 | 17-110 | |
| Phenol-d6 (S) | % | | | 71 | 11-109 | |
| Terphenyl-d14 (S) | % | | | 96 | 46-100 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2130121 2130122

| Parameter | Units | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|--------------------------|-------|-------------|-------------|-------------|--------|----------|-----------|--------------|--------|---------|------|
| | | 40216442039 | Spike Conc. | Spike Conc. | Result | | | | | | |
| 1-Methylnaphthalene | ug/kg | <49.7 | | | 1340 | 1080 | | | 22 | 20 | R1 |
| 2-Methylnaphthalene | ug/kg | <45.3 | | | 1280 | 1030 | | | 22 | 24 | |
| Acenaphthene | ug/kg | <61.9 | | | 1280 | 1060 | | | 19 | 24 | |
| Acenaphthylene | ug/kg | <62.2 | | | 1330 | 1120 | | | 18 | 25 | |
| Anthracene | ug/kg | <27.9 | | | 1430 | 1190 | | | 18 | 27 | |
| Benzo(a)anthracene | ug/kg | <27.0 | | | 1220 | 1040 | | | 16 | 24 | |
| Benzo(a)pyrene | ug/kg | <26.2 | | | 1230 | 1080 | | | 13 | 24 | |
| Benzo(b)fluoranthene | ug/kg | <30.0 | | | 1120 | 986 | | | 13 | 27 | |
| Benzo(g,h,i)perylene | ug/kg | <45.6 | | | 1230 | 1060 | | | 15 | 23 | |
| Benzo(k)fluoranthene | ug/kg | <41.8 | | | 1270 | 1120 | | | 12 | 24 | |
| Chrysene | ug/kg | <26.1 | | | 1310 | 1110 | | | 16 | 24 | |
| Dibenz(a,h)anthracene | ug/kg | <47.4 | | | 1080 | 984 | | | 9 | 29 | |
| Fluoranthene | ug/kg | <24.7 | | | 1420 | 1170 | | | 19 | 29 | |
| Fluorene | ug/kg | <20.4 | | | 1350 | 1130 | | | 18 | 20 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <37.7 | | | 1060 | 938 | | | 12 | 29 | |
| Naphthalene | ug/kg | <61.0 | | | 1230 | 954 | | | 26 | 25 | R1 |
| Pentachlorophenol | ug/kg | <38.4 | | | 560 | 528 | | | 6 | 48 | |
| Phenanthrene | ug/kg | <22.4 | | | 1300 | 1070 | | | 19 | 27 | |
| Pyrene | ug/kg | <38.7 | | | 1310 | 1090 | | | 18 | 23 | |
| 2,4,6-Tribromophenol (S) | % | | | | | | 73 | 62 | 10-153 | | |
| 2-Fluorobiphenyl (S) | % | | | | | | 69 | 56 | 45-103 | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Parameter | Units | MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2130121 | | 2130122 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---------------------|-------|--|----------------------|-----------------------|--------------|-------------|--------------|-----------------|-----|------------|------|
| | | 40216442039 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | |
| Nitrobenzene-d5 (S) | % | | | | | 59 | 45 | 17-110 | | | |
| Terphenyl-d14 (S) | % | | | | | 68 | 57 | 46-100 | | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

QC Batch: 368626 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40216442043, 40216442044

METHOD BLANK: 2131417 Matrix: Solid

Associated Lab Samples: 40216442043, 40216442044

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| 1-Methylnaphthalene | ug/kg | <47.6 | 159 | 10/20/20 08:29 | |
| 2-Methylnaphthalene | ug/kg | <43.4 | 145 | 10/20/20 08:29 | |
| Acenaphthene | ug/kg | <59.3 | 198 | 10/20/20 08:29 | |
| Acenaphthylene | ug/kg | <59.6 | 199 | 10/20/20 08:29 | |
| Anthracene | ug/kg | <26.7 | 89.0 | 10/20/20 08:29 | |
| Benzo(a)anthracene | ug/kg | <25.9 | 86.3 | 10/20/20 08:29 | |
| Benzo(a)pyrene | ug/kg | <25.1 | 83.8 | 10/20/20 08:29 | |
| Benzo(b)fluoranthene | ug/kg | <28.7 | 95.7 | 10/20/20 08:29 | |
| Benzo(g,h,i)perylene | ug/kg | <43.7 | 146 | 10/20/20 08:29 | |
| Benzo(k)fluoranthene | ug/kg | <40.0 | 133 | 10/20/20 08:29 | |
| Chrysene | ug/kg | <25.0 | 83.3 | 10/20/20 08:29 | |
| Dibenz(a,h)anthracene | ug/kg | <45.4 | 151 | 10/20/20 08:29 | |
| Fluoranthene | ug/kg | <23.6 | 78.8 | 10/20/20 08:29 | |
| Fluorene | ug/kg | <19.5 | 65.1 | 10/20/20 08:29 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <36.2 | 121 | 10/20/20 08:29 | |
| Naphthalene | ug/kg | <58.4 | 195 | 10/20/20 08:29 | |
| Pentachlorophenol | ug/kg | <36.8 | 123 | 10/20/20 08:29 | |
| Phenanthrene | ug/kg | <21.4 | 71.5 | 10/20/20 08:29 | |
| Pyrene | ug/kg | <37.0 | 123 | 10/20/20 08:29 | |
| 2,4,6-Tribromophenol (S) | % | 84 | 10-153 | 10/20/20 08:29 | |
| 2-Fluorobiphenyl (S) | % | 82 | 45-103 | 10/20/20 08:29 | |
| 2-Fluorophenol (S) | % | 64 | 10-110 | 10/20/20 08:29 | |
| Nitrobenzene-d5 (S) | % | 68 | 17-110 | 10/20/20 08:29 | |
| Phenol-d6 (S) | % | 63 | 11-109 | 10/20/20 08:29 | |
| Terphenyl-d14 (S) | % | 102 | 46-100 | 10/20/20 08:29 | S3 |

LABORATORY CONTROL SAMPLE: 2131418

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------|-------|-------------|------------|-----------|--------------|------------|
| 1-Methylnaphthalene | ug/kg | 1670 | 1580 | 95 | 70-130 | |
| 2-Methylnaphthalene | ug/kg | 1670 | 1560 | 93 | 69-130 | |
| Acenaphthene | ug/kg | 1670 | 1570 | 94 | 73-113 | |
| Acenaphthylene | ug/kg | 1670 | 1610 | 97 | 70-116 | |
| Anthracene | ug/kg | 1670 | 1680 | 101 | 70-121 | |
| Benzo(a)anthracene | ug/kg | 1670 | 1510 | 90 | 70-117 | |
| Benzo(a)pyrene | ug/kg | 1670 | 1540 | 92 | 67-111 | |
| Benzo(b)fluoranthene | ug/kg | 1670 | 1490 | 89 | 67-112 | |
| Benzo(g,h,i)perylene | ug/kg | 1670 | 1520 | 91 | 59-117 | |
| Benzo(k)fluoranthene | ug/kg | 1670 | 1520 | 91 | 70-112 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

LABORATORY CONTROL SAMPLE: 2131418

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| Chrysene | ug/kg | 1670 | 1570 | 94 | 65-125 | |
| Dibenz(a,h)anthracene | ug/kg | 1670 | 1450 | 87 | 37-123 | |
| Fluoranthene | ug/kg | 1670 | 1680 | 101 | 77-118 | |
| Fluorene | ug/kg | 1670 | 1580 | 95 | 70-118 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 1670 | 1460 | 88 | 53-115 | |
| Naphthalene | ug/kg | 1670 | 1530 | 92 | 70-113 | |
| Pentachlorophenol | ug/kg | 1670 | 1140 | 69 | 43-101 | |
| Phenanthrene | ug/kg | 1670 | 1640 | 98 | 70-115 | |
| Pyrene | ug/kg | 1670 | 1680 | 101 | 70-126 | |
| 2,4,6-Tribromophenol (S) | % | | | 92 | 10-153 | |
| 2-Fluorobiphenyl (S) | % | | | 89 | 45-103 | |
| 2-Fluorophenol (S) | % | | | 73 | 10-110 | |
| Nitrobenzene-d5 (S) | % | | | 77 | 17-110 | |
| Phenol-d6 (S) | % | | | 70 | 11-109 | |
| Terphenyl-d14 (S) | % | | | 96 | 46-100 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2131419 2131420

| Parameter | Units | MS | | MSD | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|------------------------|-------|--------------|-------------|-------------|--------|-----------|------------|----------|-----------|--------------|-------|---------|------|
| | | 40216730005 | Spike Conc. | Spike Conc. | Result | | | | | | | | |
| 1-Methylnaphthalene | ug/kg | <56.0 | 1970 | 1970 | 1810 | 1770 | 90 | 88 | 45-130 | 2 | 20 | | |
| 2-Methylnaphthalene | ug/kg | <0.051 mg/kg | 1970 | 1970 | 1780 | 1740 | 90 | 88 | 54-130 | 2 | 24 | | |
| Acenaphthene | ug/kg | <0.070 mg/kg | 1970 | 1970 | 1800 | 1710 | 89 | 85 | 49-113 | 5 | 24 | | |
| Acenaphthylene | ug/kg | <0.070 mg/kg | 1970 | 1970 | 1830 | 1750 | 93 | 89 | 52-116 | 5 | 25 | | |
| Anthracene | ug/kg | <0.031 mg/kg | 1970 | 1970 | 1920 | 1900 | 96 | 95 | 50-121 | 1 | 27 | | |
| Benzo(a)anthracene | ug/kg | <0.030 mg/kg | 1970 | 1970 | 1810 | 2030 | 91 | 102 | 50-117 | 11 | 24 | | |
| Benzo(a)pyrene | ug/kg | <0.030 mg/kg | 1970 | 1970 | 1840 | 1870 | 93 | 95 | 35-121 | 2 | 24 | | |
| Benzo(b)fluoranthene | ug/kg | <0.034 mg/kg | 1970 | 1970 | 1710 | 1760 | 86 | 89 | 45-112 | 3 | 27 | | |
| Benzo(g,h,i)perylene | ug/kg | <0.051 mg/kg | 1970 | 1970 | 1770 | 1750 | 89 | 88 | 35-117 | 1 | 23 | | |
| Benzo(k)fluoranthene | ug/kg | <0.047 mg/kg | 1970 | 1970 | 1700 | 1690 | 86 | 86 | 48-112 | 1 | 24 | | |
| Chrysene | ug/kg | <0.029 mg/kg | 1970 | 1970 | 1840 | 2140 | 93 | 108 | 54-125 | 15 | 24 | | |
| Dibenz(a,h)anthracene | ug/kg | <0.053 mg/kg | 1970 | 1970 | 1640 | 1570 | 83 | 80 | 29-124 | 4 | 29 | | |
| Fluoranthene | ug/kg | 0.056J mg/kg | 1970 | 1970 | 2200 | 2510 | 109 | 125 | 57-121 | 13 | 29 M1 | | |
| Fluorene | ug/kg | 0.074J mg/kg | 1970 | 1970 | 1870 | 1780 | 91 | 87 | 53-118 | 5 | 20 | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <0.043 mg/kg | 1970 | 1970 | 1730 | 1650 | 87 | 83 | 33-118 | 5 | 29 | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

| Parameter | Units | 40216730005 | | 2131419 | | 2131420 | | % Rec | % Rec | % Rec | Limits | RPD | Max RPD | Qual |
|--------------------------|-------|--------------|----------------|-----------------|-----------|------------|----------|-------|--------|-------|--------|-----|---------|------|
| | | Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | | | | | | | |
| Naphthalene | ug/kg | <0.069 mg/kg | 1970 | 1970 | 1730 | 1680 | 88 | 86 | 49-113 | 3 | 25 | | | |
| Pentachlorophenol | ug/kg | <0.043 mg/kg | 1970 | 1970 | 1060 | 980 | 54 | 50 | 10-133 | 8 | 48 | | | |
| Phenanthrene | ug/kg | 0.12 mg/kg | 1970 | 1970 | 2010 | 2050 | 96 | 98 | 48-115 | 2 | 27 | | | |
| Pyrene | ug/kg | 0.078J mg/kg | 1970 | 1970 | 2110 | 2650 | 103 | 131 | 49-126 | 23 | 23 | M1 | | |
| 2,4,6-Tribromophenol (S) | % | | | | | | 92 | 82 | 10-153 | | | | | |
| 2-Fluorobiphenyl (S) | % | | | | | | 84 | 80 | 45-103 | | | | | |
| 2-Fluorophenol (S) | % | | | | | | 75 | 68 | 10-110 | | | | | |
| Nitrobenzene-d5 (S) | % | | | | | | 74 | 70 | 17-110 | | | | | |
| Phenol-d6 (S) | % | | | | | | 70 | 64 | 11-109 | | | | | |
| Terphenyl-d14 (S) | % | | | | | | 81 | 84 | 46-100 | | | | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

QC Batch: 369031 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40216442039

METHOD BLANK: 2133341 Matrix: Solid
Associated Lab Samples: 40216442039

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| 1-Methylnaphthalene | ug/kg | <47.6 | 159 | 10/22/20 10:54 | |
| 2-Methylnaphthalene | ug/kg | <43.4 | 145 | 10/22/20 10:54 | |
| Acenaphthene | ug/kg | <59.2 | 197 | 10/22/20 10:54 | |
| Acenaphthylene | ug/kg | <59.6 | 199 | 10/22/20 10:54 | |
| Anthracene | ug/kg | <26.7 | 89.0 | 10/22/20 10:54 | |
| Benzo(a)anthracene | ug/kg | <25.9 | 86.2 | 10/22/20 10:54 | |
| Benzo(a)pyrene | ug/kg | 33.8J | 83.8 | 10/22/20 10:54 | |
| Benzo(b)fluoranthene | ug/kg | <28.7 | 95.7 | 10/22/20 10:54 | |
| Benzo(g,h,i)perylene | ug/kg | <43.7 | 146 | 10/22/20 10:54 | |
| Benzo(k)fluoranthene | ug/kg | <40.0 | 133 | 10/22/20 10:54 | |
| Chrysene | ug/kg | <25.0 | 83.2 | 10/22/20 10:54 | |
| Dibenz(a,h)anthracene | ug/kg | <45.4 | 151 | 10/22/20 10:54 | |
| Fluoranthene | ug/kg | <23.6 | 78.8 | 10/22/20 10:54 | |
| Fluorene | ug/kg | <19.5 | 65.1 | 10/22/20 10:54 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <36.1 | 120 | 10/22/20 10:54 | |
| Naphthalene | ug/kg | <58.4 | 195 | 10/22/20 10:54 | |
| Pentachlorophenol | ug/kg | <36.8 | 123 | 10/22/20 10:54 | |
| Phenanthrene | ug/kg | <21.4 | 71.4 | 10/22/20 10:54 | |
| Pyrene | ug/kg | <37.0 | 123 | 10/22/20 10:54 | |
| 2,4,6-Tribromophenol (S) | % | 89 | 10-153 | 10/22/20 10:54 | |
| 2-Fluorobiphenyl (S) | % | 74 | 45-103 | 10/22/20 10:54 | |
| 2-Fluorophenol (S) | % | 61 | 10-110 | 10/22/20 10:54 | |
| Nitrobenzene-d5 (S) | % | 62 | 17-110 | 10/22/20 10:54 | |
| Phenol-d6 (S) | % | 57 | 11-109 | 10/22/20 10:54 | |
| Terphenyl-d14 (S) | % | 96 | 46-100 | 10/22/20 10:54 | |

LABORATORY CONTROL SAMPLE: 2133342

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------|-------|-------------|------------|-----------|--------------|------------|
| 1-Methylnaphthalene | ug/kg | 1670 | 1590 | 95 | 70-130 | |
| 2-Methylnaphthalene | ug/kg | 1670 | 1570 | 95 | 69-130 | |
| Acenaphthene | ug/kg | 1670 | 1530 | 92 | 73-113 | |
| Acenaphthylene | ug/kg | 1670 | 1560 | 94 | 70-116 | |
| Anthracene | ug/kg | 1670 | 1670 | 100 | 70-121 | |
| Benzo(a)anthracene | ug/kg | 1670 | 1450 | 87 | 70-117 | |
| Benzo(a)pyrene | ug/kg | 1670 | 1510 | 91 | 67-111 | |
| Benzo(b)fluoranthene | ug/kg | 1670 | 1390 | 84 | 67-112 | |
| Benzo(g,h,i)perylene | ug/kg | 1670 | 1490 | 90 | 59-117 | |
| Benzo(k)fluoranthene | ug/kg | 1670 | 1520 | 91 | 70-112 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

LABORATORY CONTROL SAMPLE: 2133342

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------------------|-------|-------------|------------|-----------|--------------|------------|
| Chrysene | ug/kg | 1670 | 1590 | 96 | 65-125 | |
| Dibenz(a,h)anthracene | ug/kg | 1670 | 1350 | 81 | 37-123 | |
| Fluoranthene | ug/kg | 1670 | 1690 | 102 | 77-118 | |
| Fluorene | ug/kg | 1670 | 1570 | 94 | 70-118 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 1670 | 1330 | 80 | 53-115 | |
| Naphthalene | ug/kg | 1670 | 1480 | 89 | 70-113 | |
| Pentachlorophenol | ug/kg | 1670 | 1230 | 74 | 43-101 | |
| Phenanthrene | ug/kg | 1670 | 1590 | 96 | 70-115 | |
| Pyrene | ug/kg | 1670 | 1650 | 99 | 70-126 | |
| 2,4,6-Tribromophenol (S) | % | | | 99 | 10-153 | |
| 2-Fluorobiphenyl (S) | % | | | 89 | 45-103 | |
| 2-Fluorophenol (S) | % | | | 73 | 10-110 | |
| Nitrobenzene-d5 (S) | % | | | 77 | 17-110 | |
| Phenol-d6 (S) | % | | | 71 | 11-109 | |
| Terphenyl-d14 (S) | % | | | 98 | 46-100 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2133343 2133344

| Parameter | Units | MS | | MSD | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|--------------------------|-------|--------------------|-------------|-------------|-----------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| | | 10535651002 Result | Spike Conc. | Spike Conc. | MS Result | | | | | | | | |
| 1-Methylnaphthalene | ug/kg | <62.5 | 2200 | 2200 | 1560 | 1990 | 71 | 90 | 45-130 | 24 | 20 | R1 | |
| 2-Methylnaphthalene | ug/kg | <57.0 | 2200 | 2200 | 1520 | 1930 | 69 | 88 | 54-130 | 24 | 24 | | |
| Acenaphthene | ug/kg | 309 | 2200 | 2200 | 1770 | 2210 | 67 | 87 | 49-113 | 22 | 24 | | |
| Acenaphthylene | ug/kg | <78.2 | 2200 | 2200 | 1580 | 1960 | 72 | 89 | 52-116 | 21 | 25 | | |
| Anthracene | ug/kg | <35.1 | 2200 | 2200 | 1850 | 2060 | 84 | 94 | 50-121 | 11 | 27 | | |
| Benzo(a)anthracene | ug/kg | <34.0 | 2200 | 2200 | 1550 | 1950 | 70 | 88 | 50-117 | 23 | 24 | | |
| Benzo(a)pyrene | ug/kg | <33.0 | 2200 | 2200 | 1550 | 2000 | 70 | 90 | 35-121 | 25 | 24 | R1 | |
| Benzo(b)fluoranthene | ug/kg | <37.7 | 2200 | 2200 | 1450 | 1890 | 65 | 85 | 45-112 | 27 | 27 | | |
| Benzo(g,h,i)perylene | ug/kg | <57.4 | 2200 | 2200 | 1590 | 2010 | 70 | 90 | 35-117 | 23 | 23 | | |
| Benzo(k)fluoranthene | ug/kg | <52.5 | 2200 | 2200 | 1500 | 1900 | 68 | 86 | 48-112 | 23 | 24 | | |
| Chrysene | ug/kg | <32.8 | 2200 | 2200 | 1650 | 2030 | 74 | 92 | 54-125 | 21 | 24 | | |
| Dibenz(a,h)anthracene | ug/kg | <59.6 | 2200 | 2200 | 1340 | 1810 | 60 | 82 | 29-124 | 29 | 29 | | |
| Fluoranthene | ug/kg | 48.6J | 2200 | 2200 | 1830 | 2260 | 81 | 101 | 57-121 | 21 | 29 | | |
| Fluorene | ug/kg | 272 | 2200 | 2200 | 1870 | 2270 | 73 | 91 | 53-118 | 19 | 20 | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <47.5 | 2200 | 2200 | 1400 | 1910 | 62 | 85 | 33-118 | 31 | 29 | R1 | |
| Naphthalene | ug/kg | <76.7 | 2200 | 2200 | 1440 | 1800 | 63 | 80 | 49-113 | 22 | 25 | | |
| Pentachlorophenol | ug/kg | <48.3 | 2200 | 2200 | 1290 | 1790 | 59 | 82 | 10-133 | 32 | 48 | | |
| Phenanthrene | ug/kg | 47.1J | 2200 | 2200 | 1820 | 2000 | 81 | 89 | 48-115 | 9 | 27 | | |
| Pyrene | ug/kg | <48.6 | 2200 | 2200 | 1730 | 1970 | 77 | 88 | 49-126 | 13 | 23 | | |
| 2,4,6-Tribromophenol (S) | % | | | | | | 72 | 97 | 10-153 | | | | |
| 2-Fluorobiphenyl (S) | % | | | | | | 61 | 79 | 45-103 | | | | |
| 2-Fluorophenol (S) | % | | | | | | 51 | 60 | 10-110 | | | | |
| Nitrobenzene-d5 (S) | % | | | | | | 49 | 65 | 17-110 | | | | |
| Phenol-d6 (S) | % | | | | | | 50 | 64 | 11-109 | | | | |
| Terphenyl-d14 (S) | % | | | | | | 67 | 84 | 46-100 | | | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| | | | |
|------------------|---------------|-----------------------|--------------------------------------|
| QC Batch: | 368196 | Analysis Method: | ASTM D2974-87 |
| QC Batch Method: | ASTM D2974-87 | Analysis Description: | Dry Weight/Percent Moisture |
| | | Laboratory: | Pace Analytical Services - Green Bay |

Associated Lab Samples: 40216442001, 40216442002, 40216442003, 40216442004, 40216442005, 40216442006, 40216442007, 40216442008, 40216442009, 40216442010, 40216442011, 40216442012, 40216442013, 40216442014

SAMPLE DUPLICATE: 2128415

| Parameter | Units | 40216434020 Result | Dup Result | RPD | Max RPD | Qualifiers |
|------------------|-------|-----------------------|---------------|-----|------------|------------|
| Percent Moisture | % | 19.2 | 19.3 | 0 | 10 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| | | | |
|------------------|---------------|-----------------------|--------------------------------------|
| QC Batch: | 368197 | Analysis Method: | ASTM D2974-87 |
| QC Batch Method: | ASTM D2974-87 | Analysis Description: | Dry Weight/Percent Moisture |
| | | Laboratory: | Pace Analytical Services - Green Bay |

Associated Lab Samples: 40216442015, 40216442016, 40216442017, 40216442018, 40216442019, 40216442020, 40216442021, 40216442022, 40216442023, 40216442024, 40216442025, 40216442026, 40216442027, 40216442028, 40216442029, 40216442030, 40216442031, 40216442032, 40216442033, 40216442034

SAMPLE DUPLICATE: 2128416

| Parameter | Units | 40216442022 Result | Dup Result | RPD | Max RPD | Qualifiers |
|------------------|-------|-----------------------|---------------|-----|------------|------------|
| Percent Moisture | % | 5.4 | 5.1 | 5 | 10 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| | | | |
|------------------|---------------|-----------------------|--------------------------------------|
| QC Batch: | 368200 | Analysis Method: | ASTM D2974-87 |
| QC Batch Method: | ASTM D2974-87 | Analysis Description: | Dry Weight/Percent Moisture |
| | | Laboratory: | Pace Analytical Services - Green Bay |

Associated Lab Samples: 40216442035, 40216442036, 40216442037, 40216442038, 40216442039, 40216442040, 40216442041, 40216442042, 40216442043, 40216442044

SAMPLE DUPLICATE: 2128420

| Parameter | Units | 40216442036 Result | Dup Result | RPD | Max RPD | Qualifiers |
|------------------|-------|-----------------------|---------------|-----|------------|------------|
| Percent Moisture | % | 2.6 | 2.7 | 1 | 10 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

QC Batch: 1568770 Analysis Method: SM 2540G
QC Batch Method: SM 2540 G Analysis Description: Total Solids 2540 G-2011
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 40216442001

METHOD BLANK: R3588629-1 Matrix: Solid
Associated Lab Samples: 40216442001

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------|-------|--------------|-----------------|----------------|------------|
| Total Solids | % | ND | | 11/02/20 14:37 | |

LABORATORY CONTROL SAMPLE: R3588629-2

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|--------------|-------|-------------|------------|-----------|--------------|------------|
| Total Solids | % | 50.0 | 50.0 | 100 | 85.0-115 | |

SAMPLE DUPLICATE: R3588629-3

| Parameter | Units | 40216442001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|--------------|-------|--------------------|------------|-------|---------|------------|
| Total Solids | % | 72.1 | 71.6 | 0.668 | 10 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

QC Batch: 1568956 Analysis Method: EPA 7196A
QC Batch Method: 3060A Analysis Description: Wet Chemistry 3060A/7196A
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 40216442001

METHOD BLANK: R3589271-1 Matrix: Solid
Associated Lab Samples: 40216442001

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------|-------|--------------|-----------------|----------------|------------|
| Chromium, Hexavalent | mg/kg | <0.640 | 2.13 | 11/04/20 13:14 | |

LABORATORY CONTROL SAMPLE: R3589271-2

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------|-------|-------------|------------|-----------|--------------|------------|
| Chromium, Hexavalent | mg/kg | 24.0 | 24.2 | 101 | 80.0-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3589271-4 R3589271-5

| Parameter | Units | R3589271-4 | | R3589271-5 | | % Rec | % Rec | % Rec Limits | RPD | Max RPD | Qual |
|----------------------|-------|--------------------|----------------|-----------------|-----------|-------|-------|--------------|----------|---------|------|
| | | L1279933-03 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | |
| Chromium, Hexavalent | mg/kg | ND | 20.0 | 20.0 | 17.5 | 17.8 | 87.6 | 89.0 | 75.0-125 | 1.59 | 20 |

MATRIX SPIKE SAMPLE: R3589271-6

| Parameter | Units | L1279933-03 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|----------------------|-------|--------------------|-------------|-----------|----------|--------------|------------|
| Chromium, Hexavalent | mg/kg | ND | 647 | 650 | 100 | 75.0-125 | |

SAMPLE DUPLICATE: R3589271-3

| Parameter | Units | L1279933-02 Result | Dup Result | RPD | Max RPD | Qualifiers |
|----------------------|-------|--------------------|------------|------|---------|------------|
| Chromium, Hexavalent | mg/kg | ND | <0.640 | 0.00 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

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.

WORKORDER QUALIFIERS

WO: 40216442

[1] Revised report per client request to add Hex Cr to sample SB-1 (4-8). 11/4/20 CDH

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

S0 Surrogate recovery outside laboratory control limits.

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|------------------|-----------------|----------|-------------------|------------------|
| 40216442001 | SB-1 (4'-8') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442002 | SB-1 (8'-12') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442003 | SB-2 (0'-4') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442004 | SB-2 (4'-8') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442005 | SB-3 (0'-4') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442006 | SB-3 (8'-12') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442007 | SB-4 (0.5'-4') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442008 | SB-4 (8'-12') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442009 | SB-7 (0'-4') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442010 | SB-7 (8'-12') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442011 | SB-8 (0'-4') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442012 | SB-8 (8'-12') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442013 | SB-14 (0'-4') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442014 | SB-14 (4'-8') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442015 | SB-15 (0'-4') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442016 | SB-15 (8'-12') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442017 | SB-16 (0'-4') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442018 | SB-16 (8'-12') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442019 | SB-17 (0'-4') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442020 | SB-17 (8'-12') | EPA 3050 | 368357 | EPA 6010 | 368532 |
| 40216442021 | SB-18 (0.5'-4') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442022 | SB-18 (10'-12') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442023 | SB-19 (0.5'-4') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442024 | SB-19 (8'-12') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442025 | SB-5 (0'-4') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442026 | SB-5 (8'-12') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442027 | SB-6 (0'-4') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442028 | SB-6 (8'-12') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442029 | SB-9 (0'-4') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442030 | SB-9 (8'-12') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442031 | SB-10 (0'-4') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442032 | SB-10 (8'-12') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442033 | SB-11 (0'-4') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442034 | SB-11 (8'-12') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442035 | SB-12 (0'-4') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442036 | SB-12 (8'-12') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442037 | SB-13 (0.5'-4') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442038 | SB-13 (8'-12') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442039 | SBGW-1 (3'-7') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442040 | SBGW-1 (11'-15') | EPA 3050 | 368358 | EPA 6010 | 368530 |
| 40216442041 | SBGW-2 (0.5'-4') | EPA 3050 | 368467 | EPA 6010 | 368537 |
| 40216442042 | SBGW-2 (12'-16') | EPA 3050 | 368467 | EPA 6010 | 368537 |
| 40216442043 | SBGW-3 (0'-4') | EPA 3050 | 368467 | EPA 6010 | 368537 |
| 40216442044 | SBGW-3 (8'-12') | EPA 3050 | 368467 | EPA 6010 | 368537 |
| 40216442001 | SB-1 (4'-8') | EPA 7471 | 368337 | EPA 7471 | 368353 |
| 40216442002 | SB-1 (8'-12') | EPA 7471 | 368337 | EPA 7471 | 368353 |
| 40216442003 | SB-2 (0'-4') | EPA 7471 | 368337 | EPA 7471 | 368353 |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|------------------|-----------------|----------|-------------------|------------------|
| 40216442004 | SB-2 (4'-8') | EPA 7471 | 368337 | EPA 7471 | 368353 |
| 40216442005 | SB-3 (0'-4') | EPA 7471 | 368337 | EPA 7471 | 368353 |
| 40216442006 | SB-3 (8'-12') | EPA 7471 | 368337 | EPA 7471 | 368353 |
| 40216442007 | SB-4 (0.5'-4') | EPA 7471 | 368337 | EPA 7471 | 368353 |
| 40216442008 | SB-4 (8'-12') | EPA 7471 | 368337 | EPA 7471 | 368353 |
| 40216442009 | SB-7 (0'-4') | EPA 7471 | 368337 | EPA 7471 | 368353 |
| 40216442010 | SB-7 (8'-12') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442011 | SB-8 (0'-4') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442012 | SB-8 (8'-12') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442013 | SB-14 (0'-4') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442014 | SB-14 (4'-8') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442015 | SB-15 (0'-4') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442016 | SB-15 (8'-12') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442017 | SB-16 (0'-4') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442018 | SB-16 (8'-12') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442019 | SB-17 (0'-4') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442020 | SB-17 (8'-12') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442021 | SB-18 (0.5'-4') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442022 | SB-18 (10'-12') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442023 | SB-19 (0.5'-4') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442024 | SB-19 (8'-12') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442025 | SB-5 (0'-4') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442026 | SB-5 (8'-12') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442027 | SB-6 (0'-4') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442028 | SB-6 (8'-12') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442029 | SB-9 (0'-4') | EPA 7471 | 368338 | EPA 7471 | 368374 |
| 40216442030 | SB-9 (8'-12') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442031 | SB-10 (0'-4') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442032 | SB-10 (8'-12') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442033 | SB-11 (0'-4') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442034 | SB-11 (8'-12') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442035 | SB-12 (0'-4') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442036 | SB-12 (8'-12') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442037 | SB-13 (0.5'-4') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442038 | SB-13 (8'-12') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442039 | SBGW-1 (3'-7') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442040 | SBGW-1 (11'-15') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442041 | SBGW-2 (0.5'-4') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442042 | SBGW-2 (12'-16') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442043 | SBGW-3 (0'-4') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442044 | SBGW-3 (8'-12') | EPA 7471 | 368481 | EPA 7471 | 368757 |
| 40216442001 | SB-1 (4'-8') | EPA 3546 | 368326 | EPA 8270 | 368388 |
| 40216442002 | SB-1 (8'-12') | EPA 3546 | 368326 | EPA 8270 | 368388 |
| 40216442003 | SB-2 (0'-4') | EPA 3546 | 368326 | EPA 8270 | 368388 |
| 40216442004 | SB-2 (4'-8') | EPA 3546 | 368326 | EPA 8270 | 368388 |
| 40216442005 | SB-3 (0'-4') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442006 | SB-3 (8'-12') | EPA 3546 | 368327 | EPA 8270 | 368396 |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|------------------|-----------------|----------|-------------------|------------------|
| 40216442007 | SB-4 (0.5'-4') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442008 | SB-4 (8'-12') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442009 | SB-7 (0'-4') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442010 | SB-7 (8'-12') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442011 | SB-8 (0'-4') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442012 | SB-8 (8'-12') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442013 | SB-14 (0'-4') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442014 | SB-14 (4'-8') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442015 | SB-15 (0'-4') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442016 | SB-15 (8'-12') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442017 | SB-16 (0'-4') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442018 | SB-16 (8'-12') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442019 | SB-17 (0'-4') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442020 | SB-17 (8'-12') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442021 | SB-18 (0.5'-4') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442022 | SB-18 (10'-12') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442023 | SB-19 (0.5'-4') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442024 | SB-19 (8'-12') | EPA 3546 | 368327 | EPA 8270 | 368396 |
| 40216442025 | SB-5 (0'-4') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442026 | SB-5 (8'-12') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442027 | SB-6 (0'-4') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442028 | SB-6 (8'-12') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442029 | SB-9 (0'-4') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442030 | SB-9 (8'-12') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442031 | SB-10 (0'-4') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442032 | SB-10 (8'-12') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442033 | SB-11 (0'-4') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442034 | SB-11 (8'-12') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442035 | SB-12 (0'-4') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442036 | SB-12 (8'-12') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442037 | SB-13 (0.5'-4') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442038 | SB-13 (8'-12') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442039 | SBGW-1 (3'-7') | EPA 3546 | 369031 | EPA 8270 | 369079 |
| 40216442040 | SBGW-1 (11'-15') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442041 | SBGW-2 (0.5'-4') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442042 | SBGW-2 (12'-16') | EPA 3546 | 368472 | EPA 8270 | 368516 |
| 40216442043 | SBGW-3 (0'-4') | EPA 3546 | 368626 | EPA 8270 | 368663 |
| 40216442044 | SBGW-3 (8'-12') | EPA 3546 | 368626 | EPA 8270 | 368663 |
| 40216442001 | SB-1 (4'-8') | EPA 5035/5030B | 368373 | EPA 8260 | 368375 |
| 40216442002 | SB-1 (8'-12') | EPA 5035/5030B | 368373 | EPA 8260 | 368375 |
| 40216442003 | SB-2 (0'-4') | EPA 5035/5030B | 368407 | EPA 8260 | 368410 |
| 40216442004 | SB-2 (4'-8') | EPA 5035/5030B | 368407 | EPA 8260 | 368410 |
| 40216442005 | SB-3 (0'-4') | EPA 5035/5030B | 368407 | EPA 8260 | 368410 |
| 40216442006 | SB-3 (8'-12') | EPA 5035/5030B | 368407 | EPA 8260 | 368410 |
| 40216442007 | SB-4 (0.5'-4') | EPA 5035/5030B | 368506 | EPA 8260 | 368525 |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216442

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|------------------|-----------------|----------|-------------------|------------------|
| 40216442008 | SB-4 (8'-12') | EPA 5035/5030B | 368506 | EPA 8260 | 368525 |
| 40216442009 | SB-7 (0'-4') | EPA 5035/5030B | 368506 | EPA 8260 | 368525 |
| 40216442010 | SB-7 (8'-12') | EPA 5035/5030B | 368506 | EPA 8260 | 368525 |
| 40216442011 | SB-8 (0'-4') | EPA 5035/5030B | 368506 | EPA 8260 | 368525 |
| 40216442012 | SB-8 (8'-12') | EPA 5035/5030B | 368506 | EPA 8260 | 368525 |
| 40216442013 | SB-14 (0'-4') | EPA 5035/5030B | 368506 | EPA 8260 | 368525 |
| 40216442014 | SB-14 (4'-8') | EPA 5035/5030B | 368506 | EPA 8260 | 368525 |
| 40216442015 | SB-15 (0'-4') | EPA 5035/5030B | 368506 | EPA 8260 | 368525 |
| 40216442016 | SB-15 (8'-12') | EPA 5035/5030B | 368506 | EPA 8260 | 368525 |
| 40216442017 | SB-16 (0'-4') | EPA 5035/5030B | 368506 | EPA 8260 | 368525 |
| 40216442018 | SB-16 (8'-12') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442019 | SB-17 (0'-4') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442020 | SB-17 (8'-12') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442021 | SB-18 (0.5'-4') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442022 | SB-18 (10'-12') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442023 | SB-19 (0.5'-4') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442024 | SB-19 (8'-12') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442025 | SB-5 (0'-4') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442026 | SB-5 (8'-12') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442027 | SB-6 (0'-4') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442028 | SB-6 (8'-12') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442029 | SB-9 (0'-4') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442030 | SB-9 (8'-12') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442031 | SB-10 (0'-4') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442032 | SB-10 (8'-12') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442033 | SB-11 (0'-4') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442034 | SB-11 (8'-12') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442035 | SB-12 (0'-4') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442036 | SB-12 (8'-12') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442037 | SB-13 (0.5'-4') | EPA 5035/5030B | 368508 | EPA 8260 | 368526 |
| 40216442038 | SB-13 (8'-12') | EPA 5035/5030B | 368636 | EPA 8260 | 368638 |
| 40216442039 | SBGW-1 (3'-7') | EPA 5035/5030B | 368636 | EPA 8260 | 368638 |
| 40216442040 | SBGW-1 (11'-15') | EPA 5035/5030B | 368636 | EPA 8260 | 368638 |
| 40216442041 | SBGW-2 (0.5'-4') | EPA 5035/5030B | 368636 | EPA 8260 | 368638 |
| 40216442042 | SBGW-2 (12'-16') | EPA 5035/5030B | 368636 | EPA 8260 | 368638 |
| 40216442043 | SBGW-3 (0'-4') | EPA 5035/5030B | 368636 | EPA 8260 | 368638 |
| 40216442044 | SBGW-3 (8'-12') | EPA 5035/5030B | 368636 | EPA 8260 | 368638 |
| 40216442001 | SB-1 (4'-8') | ASTM D2974-87 | 368196 | | |
| 40216442002 | SB-1 (8'-12') | ASTM D2974-87 | 368196 | | |
| 40216442003 | SB-2 (0'-4') | ASTM D2974-87 | 368196 | | |
| 40216442004 | SB-2 (4'-8') | ASTM D2974-87 | 368196 | | |
| 40216442005 | SB-3 (0'-4') | ASTM D2974-87 | 368196 | | |
| 40216442006 | SB-3 (8'-12') | ASTM D2974-87 | 368196 | | |
| 40216442007 | SB-4 (0.5'-4') | ASTM D2974-87 | 368196 | | |
| 40216442008 | SB-4 (8'-12) | ASTM D2974-87 | 368196 | | |
| 40216442009 | SB-7 (0'-4') | ASTM D2974-87 | 368196 | | |
| 40216442010 | SB-7 (8'-12') | ASTM D2974-87 | 368196 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216442

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|------------------|-----------------|----------|-------------------|------------------|
| 40216442011 | SB-8 (0'-4') | ASTM D2974-87 | 368196 | | |
| 40216442012 | SB-8 (8'-12') | ASTM D2974-87 | 368196 | | |
| 40216442013 | SB-14 (0'-4') | ASTM D2974-87 | 368196 | | |
| 40216442014 | SB-14 (4'-8') | ASTM D2974-87 | 368196 | | |
| 40216442015 | SB-15 (0'-4') | ASTM D2974-87 | 368197 | | |
| 40216442016 | SB-15 (8'-12') | ASTM D2974-87 | 368197 | | |
| 40216442017 | SB-16 (0'-4') | ASTM D2974-87 | 368197 | | |
| 40216442018 | SB-16 (8'-12') | ASTM D2974-87 | 368197 | | |
| 40216442019 | SB-17 (0'-4') | ASTM D2974-87 | 368197 | | |
| 40216442020 | SB-17 (8'-12') | ASTM D2974-87 | 368197 | | |
| 40216442021 | SB-18 (0.5'-4') | ASTM D2974-87 | 368197 | | |
| 40216442022 | SB-18 (10'-12') | ASTM D2974-87 | 368197 | | |
| 40216442023 | SB-19 (0.5'-4') | ASTM D2974-87 | 368197 | | |
| 40216442024 | SB-19 (8'-12') | ASTM D2974-87 | 368197 | | |
| 40216442025 | SB-5 (0'-4') | ASTM D2974-87 | 368197 | | |
| 40216442026 | SB-5 (8'-12') | ASTM D2974-87 | 368197 | | |
| 40216442027 | SB-6 (0'-4') | ASTM D2974-87 | 368197 | | |
| 40216442028 | SB-6 (8'-12') | ASTM D2974-87 | 368197 | | |
| 40216442029 | SB-9 (0'-4') | ASTM D2974-87 | 368197 | | |
| 40216442030 | SB-9 (8'-12') | ASTM D2974-87 | 368197 | | |
| 40216442031 | SB-10 (0'-4') | ASTM D2974-87 | 368197 | | |
| 40216442032 | SB-10 (8'-12') | ASTM D2974-87 | 368197 | | |
| 40216442033 | SB-11 (0'-4') | ASTM D2974-87 | 368197 | | |
| 40216442034 | SB-11 (8'-12') | ASTM D2974-87 | 368197 | | |
| 40216442035 | SB-12 (0'-4') | ASTM D2974-87 | 368200 | | |
| 40216442036 | SB-12 (8'-12') | ASTM D2974-87 | 368200 | | |
| 40216442037 | SB-13 (0.5'-4') | ASTM D2974-87 | 368200 | | |
| 40216442038 | SB-13 (8'-12') | ASTM D2974-87 | 368200 | | |
| 40216442039 | SBGW-1 (3'-7') | ASTM D2974-87 | 368200 | | |
| 40216442040 | SBGW-1 (11'-15') | ASTM D2974-87 | 368200 | | |
| 40216442041 | SBGW-2 (0.5'-4') | ASTM D2974-87 | 368200 | | |
| 40216442042 | SBGW-2 (12'-16') | ASTM D2974-87 | 368200 | | |
| 40216442043 | SBGW-3 (0'-4') | ASTM D2974-87 | 368200 | | |
| 40216442044 | SBGW-3 (8'-12') | ASTM D2974-87 | 368200 | | |
| 40216442001 | SB-1 (4'-8') | SM 2540 G | 1568770 | SM 2540G | 1568770 |
| 40216442001 | SB-1 (4'-8') | 3060A | 1568956 | EPA 7196A | 1568956 |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

(Please Print Clearly)

UPPER MIDWEST REGION

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



CHAIN OF CUSTODY

COC No.

| | | |
|---|---|-----------|
| Quote #: | 00082216 | |
| Mail To Contact: | Mike DeBraske | |
| Mail To Company: | GEI Consultants | |
| Mail To Address: | 3159 Voyager Drive Green Bay, WI 54311 | |
| Invoice To Contact: | Mike DeBraske | |
| Invoice To Company: | GEI Consultants | |
| Invoice To Address: | 3159 Voyager Drive Green Bay, WI 54311 | |
| Invoice To Phone: | (920) 455-8200 | |
| CLIENT COMMENTS | LAB COMMENTS (Lab Use Only) | Profile # |
| PP Metals: Sb, As, Be, Cd, Cr, Cu, Pb, Ni, Se, Ag, Tl, Zn, Hg | | |
| Hex Cr on select samples post Total Cr analysis | | |

*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 | | | | |

Company Name: GEI Consultants
 Branch/Location: Green Bay, WI
 Project Contact: Mike DeBraske
 Phone: (920) 412-4779
 Project Number: 2004400
 Project Name: Wausau-1300 Cleveland Ave
 Project State: WI
 Sampled By (Print): *MIKE DEBRASKE / CATRIN KANGAS*
 Sampled By (Sign): *MU-AL*
 PO #: - Regulatory Program:

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 | VOCs 8260 | PP Metals 6010/7471 | PAHs 8270 | Pentachlorophenol 8270 | 1,4-Dioxane 8270 |
|------------|-----------------------------------|------------|------|--------|-----|-------------|--------------------|-----------|---------------------|-----------|------------------------|------------------|
| | | DATE | TIME | | | | | | | | | |
| 001 | SB-1 (4'-8') | 10-12 | 1325 | S | | F | | X | X | X | X | |
| 002 | SB-1 (8'-12') | | 1330 | | | A | | | | | | |
| 003 | SB-2 (0'-4') | | 1520 | | | A | | | | | | X |
| 004 | SB-2 (4'-8') | | 1530 | | | A | | | | | | X |
| 005 | SB-3 (0'-4') | | 1500 | | | A | | | | | | |
| 006 | SB-3 (8'-12') | | 1510 | | | A | | | | | | |
| 007 | SB-4 0.5'-4' (0.5'-4') | | 1350 | | | A | | | | | | X |
| 008 | SB-4 (8'-12') | | 1400 | | | A | | | | | | X |
| 009 | SB-7 (0'-4') | | 1310 | | | A | | | | | | |
| 010 | SB-7 (8'-12') | | 1320 | | | A | | | | | | |
| 011 | SB-8 (0'-4') | | 1430 | | | A | | | | | | X |
| 012 | SB-8 (8'-12') | | 1440 | | | A | | | | | | X |

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

Transmit Prelim Rush Results by (complete what you want):
 Email #1: _____
 Email #2: _____
 Telephone: _____
 Fax: _____

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

Relinquished By: *CATRIN KANGAS* Date/Time: 10-20 1535
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: *Maddini Z. Kothakota* Date/Time: 10-13-20 1539
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. 40216442

Receipt Temp = *R21* °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

(Please Print Clearly)

Company Name: GEI Consultants
 Branch/Location: Green Bay, WI
 Project Contact: Mike DeBraske
 Phone: (920) 412-4779
 Project Number: 2004400
 Project Name: Wausau-1300 Cleveland Ave
 Project State: WI
 Sampled By (Print): *Mike DeBraske / Curtin Krause*
 Sampled By (Sign): *[Signature]*
 PO #: - Regulatory Program:



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

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

COC No.

Quote #: 00082216
 Mail To Contact: Mike DeBraske
 Mail To Company: GEI Consultants
 Mail To Address: 3159 Voyager Drive
 Green Bay, WI 54311
 Invoice To Contact: Mike DeBraske
 Invoice To Company: GEI Consultants
 Invoice To Address: 3159 Voyager Drive
 Green Bay, WI 54311
 Invoice To Phone: (920) 455-8200
 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
 Sl = Sludge WP = Wipe

| PACE LAB # | CLIENT FIELD ID | COLLECTION | | MATRIX | Y/N | Pick Letter | Analyses Requested | VOCs 8260 | PP Metals 6010/1471 | PAHs 8270 | Pentachlorophenol 8270 | 1,4-Dioxane 8270 |
|------------|------------------------------------|------------|------|--------|-----|-------------|--------------------|-----------|---------------------|-----------|------------------------|------------------|
| | | DATE | TIME | | | | | | | | | |
| 013 | SB-14(0'-4') | 10-12 | 1555 | S | | F | | X | X | X | X | X |
| 014 | SB-14(4'-8') | | 1600 | | | | | | | | | X |
| 015 | SB-15(0'-4') | | 1645 | | | | | | | | | X |
| 016 | SB-15(8'-12') | | 1650 | | | | | | | | | X |
| 017 | SB-16(0'-4') | | 1210 | | | | | | | | | |
| 018 | SB-16(8'-12') | | 1215 | | | | | | | | | |
| 019 | SB-17(0'-4') | | 1230 | | | | | | | | | |
| 020 | SB-17(8'-12') | | 1240 | | | | | | | | | |
| 021 | SB-18(0.5'-4') | | 1150 | | | | | | | | | |
| 022 | SB-18(10'-12') | | 1200 | | | | | | | | | |
| 023 | SB-19 0.5'-4' (0.5'-4') | | 1620 | | | | | | | | | X |
| 024 | SB-19(8'-12') | | 1630 | | | | | | | | | X |

PP Metals: Sb, As, Be, Cd, Cr, Cu, Pb, Ni, Se, Ag, Ti, Zn, Hg
 Hex Cr on select samples post Total Cr analysis

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: _____
 Transmit Prelim Rush Results by (complete what you want):
 Email #1: _____
 Email #2: _____
 Telephone: _____
 Fax: _____
 Samples on HOLD are subject to special pricing and release of liability

Relinquished By: *[Signature]* Date/Time: 10-13-20 1539
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: *[Signature]* Date/Time: 10-13-20 1539
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No.: 40216442
 Receipt Temp = *ROT* °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present / (Not Present) Intact / Not Intact

(Please Print Clearly)

Company Name: GEI Consultants
 Branch/Location: Green Bay, WI
 Project Contact: Mike DeBraske
 Phone: (920) 412-4779
 Project Number: 2004400
 Project Name: Wausau-1300 Cleveland Ave
 Project State: WI
 Sampled By (Print): *Mike DeBraske / Caron K... / M M*
 Sampled By (Sign): *M M*
 PO #: -
 Regulatory Program:



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

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

COC No.

Quote #: 00082216
 Mail To Contact: Mike DeBraske
 Mail To Company: GEI Consultants
 Mail To Address: 3159 Voyager Drive
 Green Bay, WI 54311
 Invoice To Contact: Mike DeBraske
 Invoice To Company: GEI Consultants
 Invoice To Address: 3159 Voyager Drive
 Green Bay, WI 54311
 Invoice To Phone: (920) 455-8200
 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 | VOCs 8260 | PP Metals 6010/1471 | PAHs 8270 | Pentachlorophenol 8270 | 1,4-Dioxane 8270 |
|------------|-----------------|------------|------|--------|-----|-------------|--------------------|-----------|---------------------|-----------|------------------------|------------------|
| | | DATE | TIME | | | | | | | | | |
| 025 | SB-5 (0'-4') | 10-13 | 915 | S | | F | | X | X | X | X | |
| 026 | SB-5 (8'-12') | | 920 | | | | | | | | | |
| 027 | SB-6 (0'-4') | | 850 | | | | | | | | | |
| 028 | SB-6 (8'-12') | | 855 | | | | | | | | | |
| 029 | SB-9 (0'-4') | | 830 | | | | | | | | | |
| 030 | SB-9 (8'-12') | | 835 | | | | | | | | | |
| 031 | SB-10 (0'-4') | | 935 | | | | | | | | | |
| 032 | SB-10 (8'-12') | | 940 | | | | | | | | | |
| 033 | SB-11 (0'-4') | | 815 | | | | | | | | | |
| 034 | SB-11 (8'-12') | | 820 | | | | | | | | | |
| 035 | SB-12 (0'-4') | | 735 | | | | | | | | | |
| 036 | SB-12 (8'-12') | | 745 | | | | | | | | | |

PP Metals: Sb, As, Be, Cd, Cr, Cu, Pb, Ni, Se, Ag, Ti, Zn, Hg
 Hex Cr on select samples post Total Cr analysis

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed:
 Transmit Prelim Rush Results by (complete what you want):
 Email #1:
 Email #2:
 Telephone:
 Fax:
 Samples on HOLD are subject to special pricing and release of liability

| | | | |
|------------------------------------|--------------------------|-----------------------------------|--------------------------|
| Relinquished By: <i>Caron K...</i> | Date/Time: 10-13-20 1539 | Received By: <i>Madeline Z...</i> | Date/Time: 10-13-20 1539 |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |

PACE Project No. 40216442
 Receipt Temp = *RAI* °C
 Sample Receipt pH OK / Adjusted
 Cooler Custody Seal Present (Not Present) Intact / Not Intact

Sample Preservation Receipt Form

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

Client Name: GEI

Project # 40216442

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 ≤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 | GN | | | | |
| 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 |
| 011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 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 BG1U 1 liter clear glass AG1H 1 liter amber glass HCL AG4S 125 mL amber glass H2SO4 AG4U 120 mL amber glass unpres AG5U 100 mL amber glass unpres AG2S 500 mL amber glass H2SO4 BG3U 250 mL clear glass unpres | BP1U 1 liter plastic unpres BP3U 250 mL plastic unpres BP3B 250 mL plastic NaOH BP3N 250 mL plastic HNO3 BP3S 250 mL plastic H2SO4 | VG9A 40 mL clear ascorbic DG9T 40 mL amber Na Thio VG9U 40 mL clear vial unpres VG9H 40 mL clear vial HCL VG9M 40 mL clear vial MeOH VG9D 40 mL clear vial DI | JGFU 4 oz amber jar unpres JG9U 9 oz amber jar unpres WGFU 4 oz clear jar unpres WPFU 4 oz plastic jar unpres SP5T 120 mL plastic Na Thiosulfate ZPLC ziploc bag GN |
|--|---|--|--|

Sample Condition Upon Receipt Form (SCUR)

Client Name: GEI

Project #: **WO#: 40216442**



40216442

Courier: CS Logistics Fed Ex Speedee UPS Walto
 Client Pace Other: _____

Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - NA Type of Ice: Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: ROI / Corr: _____

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 10/13/20 Initials: EMW
 Labeled By Initials: MLR/MX

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 2. |
| Chain of Custody Relinquished: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 3. |
| 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 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: <u>MLR 10-13-20</u> | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 10. loose lid upon receipt. 008 LID J6 FU MLR |
| Filtered volume received for Dissolved tests | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 11. <u>10-13-20</u> |
| Sample Labels match COC: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 12. <u>017 time 1215, 018 time 1210, 035 V69M ID only depth (0-4) readable, placed by time and date</u> |
| -Includes date/time/ID/Analysis Matrix: <u>S</u> | | <u>10/13/20</u> |
| Trip Blank Present: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 13. <u>001 WPFU: partially unreadable ID - matched by date/time</u> |
| Trip Blank Custody Seals Present | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | <u>MLR 10-13-20</u> |
| Pace Trip Blank Lot # (if purchased): _____ | | |

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

November 02, 2020

Mike Debraske
GEI Consultants, Inc.
3159 Voyager Drive
Green Bay, WI 54311

RE: Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216441

Dear Mike Debraske:

Enclosed are the analytical results for sample(s) received by the laboratory on October 13, 2020. 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:

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

Sincerely,



Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216441

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|----------------|--------|----------------|----------------|
| 40216441001 | SB-2 (0'-4') | Solid | 10/12/20 15:20 | 10/13/20 15:39 |
| 40216441002 | SB-4 (8'-12') | Solid | 10/12/20 14:00 | 10/13/20 15:39 |
| 40216441003 | SB-8 (0'-4') | Solid | 10/12/20 14:30 | 10/13/20 15:39 |
| 40216441004 | SB-14 (0'-4') | Solid | 10/12/20 15:55 | 10/13/20 15:39 |
| 40216441005 | SB-15 (8'-12') | Solid | 10/12/20 16:50 | 10/13/20 15:39 |
| 40216441006 | SB-19 (8'-12') | Solid | 10/12/20 16:30 | 10/13/20 15:39 |
| 40216441007 | EQUIP BLANK | Water | 10/12/20 13:40 | 10/13/20 15:39 |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

(Please Print Clearly)

Company Name: GEI Consultants
 Branch/Location: Green Bay, WI
 Project Contact: Mike DeBraske
 Phone: (920) 412-4779
 Project Number: 2004400
 Project Name: Wausau-1300 Cleveland Ave
 Project State: WI
 Sampled By (Print): *MIKE DEBRASKE / CATILIN KROUSE*
 Sampled By (Sign): *[Signature]*
 PO #: - Regulatory Program:



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

COC No.

Quote #: 00082216
 Mail To Contact: Mike DeBraske
 Mail To Company: GEI Consultants
 Mail To Address: 3159 Voyager Drive
 Green Bay, WI 54311
 Invoice To Contact: Mike DeBraske
 Invoice To Company: GEI Consultants
 Invoice To Address: 3159 Voyager Drive
 Green Bay, WI 54311
 Invoice To Phone: (920) 455-8200

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 | | | | | | | | | | | | | | | | | | |
|--------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Pick Letter | A | | | | | | | | | | | | | | | | | | |
| Analyses Requested | PFAS WI 36 by ID | | | | | | | | | | | | | | | | | | |
| | X | | | | | | | | | | | | | | | | | | |

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 |
|------------|-----------------|------------|-------|--------|
| | | DATE | TIME | |
| 001 | SB-2 (0'-4') | 10/12 | 15:20 | S |
| 002 | SB-4 (8'-12') | | 14:00 | |
| 003 | SB-8 (0'-4') | | 14:30 | |
| 004 | SB-14 (0'-4') | | 15:55 | |
| 005 | SB-15 (8'-12') | | 16:50 | |
| 006 | SB-19 (8'-12') | | 16:30 | ✓ |
| 007 | Equip BUNK | | 13:40 | W |

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

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

| | | |
|--|---|--|
| Relinquished By: <i>Catlin Krouse</i> Date/Time: <i>10-13-20 15:39</i> | Received By: <i>Martin Z Proch</i> Date/Time: <i>10-13-20 15:39</i> | PACE Project No. <i>40216441</i> Receipt Temp = <i>ROI</i> °C Sample Receipt pH OK / Adjusted Cooler Custody Seal Present / Not Present Intact / Not Intact |
| Relinquished By: _____ Date/Time: _____ | Received By: _____ Date/Time: _____ | |
| Relinquished By: _____ Date/Time: _____ | Received By: _____ Date/Time: _____ | |
| Relinquished By: _____ Date/Time: _____ | Received By: _____ Date/Time: _____ | |

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

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 400
Green Bay, WI 54303

Page 4

Client Name: GET

Project # 40216441

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 | BP1U | BP3U | BP3B | BP3N | BP3S | VG9A | DG9T | VG9U | VG9H | VG9M | VG9D | JGFU | JG9U | WGFU | WPFU | SP5T | ZPLC | | | | | | | | GN | | |
| 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 |
| 011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5 / 5 / 10 |
| 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 |

Handwritten note: 10/13/20

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 125 ml poly unpres |
| BG3U 250 mL clear glass unpres | | | |

| | | |
|---|--|--|
|  1241 Bellevue Street, Green Bay, WI 54302 | Document Name: Sample Condition Upon Receipt (SCUR) | Document Revised: 26Mar2020 |
| | Document No.: ENV-FRM-GBAY-0014-Rev.00 | Author: Pace Green Bay Quality Office |

Sample Condition Upon Receipt Form (SCUR)

Client Name: GEL

Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____

Project #: **WO# : 40216441**



40216441

Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - NA Type of Ice: Wet Blue Dry None

Cooler Temperature Uncorr: 20 / Corr: _____ Samples on ice, cooling process has begun

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 if shipped on Dry Ice.

| |
|---|
| Person examining contents: Date: <u>10/13/20</u> / Initials: <u>DB</u> |
| Labeled By Initials: <u>DB</u> |

| | |
|--|------------------|
| 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 2. |
| Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 3. |
| 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: <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 | 8. |
| Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 9. |
| -Pace Containers Used: <input type="checkbox"/> Yes <input checked="" 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>SLW</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: _____

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



Report of Analysis

Pace Analytical Services, LLC
1241 Bellevue Street
Suite 9
Green Bay, WI 54302
Attention: Christopher Hyska

Project Name: 2004400 WAUSAU - 1300 CLEVELAND

Project Number: 40216441

Lot Number: **VJ15045**

Date Completed: 11/02/2020

Karen Coonan

11/02/2020 10:55 AM

Approved and released by:
Project Manager II: **Karen L. Coonan**



The electronic signature above is the equivalent of a handwritten signature.
This report shall not be reproduced, except in its entirety, without the written approval of Pace Analytical Services, LLC.

PACE ANALYTICAL SERVICES, LLC

SC DHEC No: 32010001

NELAC No: E87653

NC DENR No: 329

NC Field Parameters No: 5639

Case Narrative Pace Analytical Services, LLC Lot Number: VJ15045

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved The NELAC Institute (TNI) standards, the Pace Analytical Services, LLC ("Pace") Laboratory Quality Manual, standard operating procedures (SOPs), and Pace policies. Any exceptions to the TNI standards, the Laboratory Quality Manual, SOPs or policies are qualified on the results page or discussed below.

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" qualifier

PFAS

In the Matrix Spike (MS), the analyte 10:2 FTS recovered above the acceptance limits. The Laboratory Control Spike (LCS) and the Matrix Spike Duplicate recovered within the required acceptance limits; therefore, this demonstrates a matrix effect and data quality is not impacted.

If you have any questions regarding this report please contact the Pace Project Manager listed on the cover page.

PACE ANALYTICAL SERVICES, LLC

Sample Summary

Pace Analytical Services, LLC

Lot Number: VJ15045

Project Name: 2004400 WAUSAU - 1300 CLEVELAND

Project Number: 40216441

| Sample Number | Sample ID | Matrix | Date Sampled | Date Received |
|---------------|----------------|---------|-----------------|---------------|
| 001 | SB-2 (0'-4') | Solid | 10/12/2020 1520 | 10/15/2020 |
| 002 | SB-4 (8'-12') | Solid | 10/12/2020 1400 | 10/15/2020 |
| 003 | SB-8 (0'-4') | Solid | 10/12/2020 1430 | 10/15/2020 |
| 004 | SB-14 (0'-4') | Solid | 10/12/2020 1555 | 10/15/2020 |
| 005 | SB-15 (8'-12') | Solid | 10/12/2020 1650 | 10/15/2020 |
| 006 | SB-19 (8'-12') | Solid | 10/12/2020 1630 | 10/15/2020 |
| 007 | EQUIP BLANK | Aqueous | 10/12/2020 1340 | 10/15/2020 |

(7 samples)

PACE ANALYTICAL SERVICES, LLC

Detection Summary

Pace Analytical Services, LLC

Lot Number: VJ15045

Project Name: 2004400 WAUSAU - 1300 CLEVELAND

Project Number: 40216441

| Sample | Sample ID | Matrix | Parameter | Method | Result | Q | Units | Page |
|--------|----------------|---------|-----------|------------|--------|---|-------|------|
| 001 | SB-2 (0'-4') | Solid | PFOS | PFAS by ID | 0.22 | J | ug/kg | 5 |
| 003 | SB-8 (0'-4') | Solid | PFOS | PFAS by ID | 1.0 | J | ug/kg | 9 |
| 004 | SB-14 (0'-4') | Solid | PFOS | PFAS by ID | 1.0 | J | ug/kg | 11 |
| 006 | SB-19 (8'-12') | Solid | PFOS | PFAS by ID | 0.20 | J | ug/kg | 15 |
| 007 | EQUIP BLANK | Aqueous | PFOS | PFAS by ID | 1.3 | J | ng/L | 17 |

(5 detections)

PFAS by LC/MS/MS

| | |
|--|--|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-001 |
| Description: SB-2 (0'-4') | Matrix: Solid |
| Date Sampled: 10/12/2020 1520 | Project Name: 2004400 WAUSAU - 1300 |
| Date Received: 10/15/2020 | Project Number: 40216441 |
| | % Solids: 91.8 10/16/2020 0125 |

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | SOP SPE | PFAS by ID SOP | 1 | 10/22/2020 1811 | KMM2 | 10/20/2020 1030 | 70448 |

| Parameter | CAS Number | Analytical Method | Result | Q | LOQ | DL | Units | Run |
|---|------------------|-----------------------|-------------|----------|------------|-------------|--------------|----------|
| 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS) | 756426-58-1 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3...) | 763051-92-9 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| 1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS) | 39108-34-4 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| 1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS) | 27619-97-2 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| 1H,1H,2H,2H-perfluorododecane sulfonic acid (10:2 FTS) | 120226-60-0 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| 1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2 FTS) | 757124-72-4 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| Hexafluoropropylene oxide dimer acid (GenX) | 13252-13-6 | PFAS by ID SOP | ND | | 4.2 | 1.0 | ug/kg | 1 |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA) | 919005-14-4 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| N-ethylperfluoro-1-octanesulfonamide (EtFOSA) | 4151-50-2 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| N-ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA) | 2991-50-6 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| 2-N-ethylperfluoro-1-octanesulfonamido-ethanol (EtFOSE) | 1691-99-2 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| N-methylperfluoro-1-octanesulfonamide (MeFOSA) | 31506-32-8 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| N-methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA) | 2355-31-9 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| 2-N-methylperfluoro-1-octanesulfonamido-ethanol (MeFOSE) | 24448-09-7 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| Perfluoro-1-butanefluoronic acid (PFBS) | 375-73-5 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-1-decanesulfonic acid (PFDS) | 335-77-3 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-1-heptanesulfonic acid (PFHpS) | 375-92-8 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-1-nonanesulfonic acid (PFNS) | 68259-12-1 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-1-octanesulfonamide (PFOSA) | 754-91-6 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-1-pentanesulfonic acid (PFPeS) | 2706-91-4 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluorododecanesulfonic acid (PFDOS) | 79780-39-5 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluorohexanesulfonic acid (PFHxS) | 355-46-4 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-n-butanefluoronic acid (PFBA) | 375-22-4 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-n-decanoic acid (PFDA) | 335-76-2 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-n-dodecanoic acid (PFDoA) | 307-55-1 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-n-heptanoic acid (PFHpA) | 375-85-9 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-n-hexadecanoic acid (PFHxDA) | 67905-19-5 | PFAS by ID SOP | ND | | 2.1 | 0.52 | ug/kg | 1 |
| Perfluoro-n-hexanoic acid (PFHxA) | 307-24-4 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-n-nonanoic acid (PFNA) | 375-95-1 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-n-octadecanoic acid (PFODA) | 16517-11-6 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-n-octanoic acid (PFOA) | 335-67-1 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-n-pentanoic acid (PFPeA) | 2706-90-3 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-n-tetradecanoic acid (PFTeDA) | 376-06-7 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-n-tridecanoic acid (PFTrDA) | 72629-94-8 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluoro-n-undecanoic acid (PFUDA) | 2058-94-8 | PFAS by ID SOP | ND | | 1.0 | 0.21 | ug/kg | 1 |
| Perfluorooctanesulfonic acid (PFOS) | 1763-23-1 | PFAS by ID SOP | 0.22 | J | 1.0 | 0.21 | ug/kg | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-------------|---|------------------|-------------------|
| 13C2_4:2FTS | | 93 | 25-150 |
| 13C2_6:2FTS | | 105 | 25-150 |
| 13C2_8:2FTS | | 106 | 25-150 |
| 13C2_PFDaA | | 98 | 25-150 |
| 13C2_PFHxDA | | 100 | 25-150 |
| 13C2_PFTeDA | | 98 | 25-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

| | |
|--|--|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-001 |
| Description: SB-2 (0'-4') | Matrix: Solid |
| Date Sampled: 10/12/2020 1520 | Project Name: 2004400 WAUSAU - 1300 |
| Date Received: 10/15/2020 | Project Number: 40216441 |
| | % Solids: 91.8 10/16/2020 0125 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|--------------|---|---------------------|----------------------|
| 13C3_PFBs | | 77 | 25-150 |
| 13C3_PFHxS | | 89 | 25-150 |
| 13C3-HFPO-DA | | 95 | 25-150 |
| 13C4_PFBa | | 92 | 25-150 |
| 13C4_PFHpA | | 98 | 25-150 |
| 13C5_PFHxA | | 92 | 25-150 |
| 13C5_PFPeA | | 90 | 25-150 |
| 13C6_PFDa | | 92 | 25-150 |
| 13C7_PFUdA | | 101 | 25-150 |
| 13C8_PFOA | | 97 | 25-150 |
| 13C8_PFOs | | 89 | 25-150 |
| 13C8_PFOsA | | 100 | 10-150 |
| 13C9_PFNA | | 96 | 25-150 |
| d-EtFOsA | | 99 | 10-150 |
| d5-EtFOsAA | | 105 | 25-150 |
| d9-EtFOsE | | 96 | 10-150 |
| d-MeFOsA | | 106 | 10-150 |
| d3-MeFOsAA | | 108 | 25-150 |
| d7-MeFOsE | | 110 | 10-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

| | |
|--|--|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-002 |
| Description: SB-4 (8'-12') | Matrix: Solid |
| Date Sampled: 10/12/2020 1400 | Project Name: 2004400 WAUSAU - 1300 |
| Date Received: 10/15/2020 | % Solids: 96.1 10/16/2020 0125 |
| Project Number: 40216441 | |

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | SOP SPE | PFAS by ID SOP | 1 | 10/22/2020 1843 | KMM2 | 10/20/2020 1030 | 70448 |

| Parameter | CAS Number | Analytical Method | Result | Q | LOQ | DL | Units | Run |
|---|-------------|-------------------|--------|---|------|------|-------|-----|
| 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS) | 756426-58-1 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3...) | 763051-92-9 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| 1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS) | 39108-34-4 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| 1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS) | 27619-97-2 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| 1H,1H,2H,2H-perfluorododecane sulfonic acid (10:2 FTS) | 120226-60-0 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| 1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2 FTS) | 757124-72-4 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| Hexafluoropropylene oxide dimer acid (GenX) | 13252-13-6 | PFAS by ID SOP | ND | | 3.4 | 0.86 | ug/kg | 1 |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA) | 919005-14-4 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| N-ethylperfluoro-1-octanesulfonamide (EtFOSA) | 4151-50-2 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| N-ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA) | 2991-50-6 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| 2-N-ethylperfluoro-1-octanesulfonamido-ethanol (EtFOSE) | 1691-99-2 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| N-methylperfluoro-1-octanesulfonamide (MeFOSA) | 31506-32-8 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| N-methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA) | 2355-31-9 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| 2-N-methylperfluoro-1-octanesulfonamido-ethanol (MeFOSE) | 24448-09-7 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| Perfluoro-1-butanefluoronic acid (PFBS) | 375-73-5 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-1-decanesulfonic acid (PFDS) | 335-77-3 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-1-heptanesulfonic acid (PFHpS) | 375-92-8 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-1-nonanesulfonic acid (PFNS) | 68259-12-1 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-1-octanesulfonamide (PFOSA) | 754-91-6 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-1-pentanesulfonic acid (PFPeS) | 2706-91-4 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluorododecanesulfonic acid (PFDOS) | 79780-39-5 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluorohexanesulfonic acid (PFHxS) | 355-46-4 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-n-butanefluoronic acid (PFBA) | 375-22-4 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-n-decanoic acid (PFDA) | 335-76-2 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-n-dodecanoic acid (PFDoA) | 307-55-1 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-n-heptanoic acid (PFHpA) | 375-85-9 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-n-hexadecanoic acid (PFHxDA) | 67905-19-5 | PFAS by ID SOP | ND | | 1.7 | 0.43 | ug/kg | 1 |
| Perfluoro-n-hexanoic acid (PFHxA) | 307-24-4 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-n-nonanoic acid (PFNA) | 375-95-1 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-n-octadecanoic acid (PFODA) | 16517-11-6 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-n-octanoic acid (PFOA) | 335-67-1 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-n-pentanoic acid (PFPeA) | 2706-90-3 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-n-tetradecanoic acid (PFTeDA) | 376-06-7 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-n-tridecanoic acid (PFTrDA) | 72629-94-8 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluoro-n-undecanoic acid (PFUdA) | 2058-94-8 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |
| Perfluorooctanesulfonic acid (PFOS) | 1763-23-1 | PFAS by ID SOP | ND | | 0.86 | 0.17 | ug/kg | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-------------|---|------------------|-------------------|
| 13C2_4:2FTS | | 94 | 25-150 |
| 13C2_6:2FTS | | 94 | 25-150 |
| 13C2_8:2FTS | | 92 | 25-150 |
| 13C2_PFDa | | 90 | 25-150 |
| 13C2_PFHxDA | | 96 | 25-150 |
| 13C2_PFTeDA | | 94 | 25-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

| | |
|--|--|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-002 |
| Description: SB-4 (8'-12') | Matrix: Solid |
| Date Sampled: 10/12/2020 1400 | Project Name: 2004400 WAUSAU - 1300 |
| Date Received: 10/15/2020 | Project Number: 40216441 |
| | % Solids: 96.1 10/16/2020 0125 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|--------------|---|---------------------|----------------------|
| 13C3_PFBs | | 73 | 25-150 |
| 13C3_PFHxS | | 82 | 25-150 |
| 13C3-HFPO-DA | | 89 | 25-150 |
| 13C4_PFBa | | 86 | 25-150 |
| 13C4_PFHpA | | 88 | 25-150 |
| 13C5_PFHxA | | 85 | 25-150 |
| 13C5_PFPeA | | 88 | 25-150 |
| 13C6_PFDa | | 84 | 25-150 |
| 13C7_PFUdA | | 92 | 25-150 |
| 13C8_PFOA | | 90 | 25-150 |
| 13C8_PFOS | | 87 | 25-150 |
| 13C8_PFOsA | | 90 | 10-150 |
| 13C9_PFNa | | 93 | 25-150 |
| d-EtFOsA | | 85 | 10-150 |
| d5-EtFOsAA | | 104 | 25-150 |
| d9-EtFOsE | | 85 | 10-150 |
| d-MeFOsA | | 110 | 10-150 |
| d3-MeFOsAA | | 96 | 25-150 |
| d7-MeFOsE | | 100 | 10-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

| | |
|--|--|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-003 |
| Description: SB-8 (0'-4') | Matrix: Solid |
| Date Sampled: 10/12/2020 1430 | Project Name: 2004400 WAUSAU - 1300 |
| Date Received: 10/15/2020 | % Solids: 57.0 10/16/2020 0125 |
| Project Number: 40216441 | |

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | SOP SPE | PFAS by ID SOP | 1 | 10/22/2020 1854 | KMM2 | 10/20/2020 1030 | 70448 |

| Parameter | CAS Number | Analytical Method | Result | Q | LOQ | DL | Units | Run |
|---|------------------|-----------------------|------------|----------|------------|-------------|--------------|----------|
| 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS) | 756426-58-1 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3...) | 763051-92-9 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| 1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS) | 39108-34-4 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| 1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS) | 27619-97-2 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| 1H,1H,2H,2H-perfluorododecane sulfonic acid (10:2 FTS) | 120226-60-0 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| 1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2 FTS) | 757124-72-4 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| Hexafluoropropylene oxide dimer acid (GenX) | 13252-13-6 | PFAS by ID SOP | ND | | 5.7 | 1.4 | ug/kg | 1 |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA) | 919005-14-4 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| N-ethylperfluoro-1-octanesulfonamide (EtFOSA) | 4151-50-2 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| N-ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA) | 2991-50-6 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| 2-N-ethylperfluoro-1-octanesulfonamido-ethanol (EtFOSE) | 1691-99-2 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| N-methylperfluoro-1-octanesulfonamide (MeFOSA) | 31506-32-8 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| N-methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA) | 2355-31-9 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| 2-N-methylperfluoro-1-octanesulfonamido-ethanol (MeFOSE) | 24448-09-7 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| Perfluoro-1-butanefluoronic acid (PFBS) | 375-73-5 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-1-decanesulfonic acid (PFDS) | 335-77-3 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-1-heptanesulfonic acid (PFHpS) | 375-92-8 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-1-nonanesulfonic acid (PFNS) | 68259-12-1 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-1-octanesulfonamide (PFOSA) | 754-91-6 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-1-pentanesulfonic acid (PFPeS) | 2706-91-4 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluorododecanesulfonic acid (PFDOS) | 79780-39-5 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluorohexanesulfonic acid (PFHxS) | 355-46-4 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-n-butanefluoronic acid (PFBA) | 375-22-4 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-n-decanoic acid (PFDA) | 335-76-2 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-n-dodecanoic acid (PFDoA) | 307-55-1 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-n-heptanoic acid (PFHpA) | 375-85-9 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-n-hexadecanoic acid (PFHxDA) | 67905-19-5 | PFAS by ID SOP | ND | | 2.9 | 0.71 | ug/kg | 1 |
| Perfluoro-n-hexanoic acid (PFHxA) | 307-24-4 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-n-nonanoic acid (PFNA) | 375-95-1 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-n-octadecanoic acid (PFODA) | 16517-11-6 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-n-octanoic acid (PFOA) | 335-67-1 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-n-pentanoic acid (PFPeA) | 2706-90-3 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-n-tetradecanoic acid (PFTeDA) | 376-06-7 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-n-tridecanoic acid (PFTrDA) | 72629-94-8 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluoro-n-undecanoic acid (PFUDA) | 2058-94-8 | PFAS by ID SOP | ND | | 1.4 | 0.29 | ug/kg | 1 |
| Perfluorooctanesulfonic acid (PFOS) | 1763-23-1 | PFAS by ID SOP | 1.0 | J | 1.4 | 0.29 | ug/kg | 1 |

| Surrogate | Run 1 Q | Run 1 % Recovery | Acceptance Limits |
|-------------|---------|------------------|-------------------|
| 13C2_4:2FTS | | 89 | 25-150 |
| 13C2_6:2FTS | | 93 | 25-150 |
| 13C2_8:2FTS | | 90 | 25-150 |
| 13C2_PFDa | | 88 | 25-150 |
| 13C2_PFHxDA | | 88 | 25-150 |
| 13C2_PFTeDA | | 90 | 25-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

| | |
|--|--|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-003 |
| Description: SB-8 (0'-4') | Matrix: Solid |
| Date Sampled: 10/12/2020 1430 | Project Name: 2004400 WAUSAU - 1300 |
| Date Received: 10/15/2020 | Project Number: 40216441 |
| | % Solids: 57.0 10/16/2020 0125 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|--------------|---|---------------------|----------------------|
| 13C3_PFBs | | 68 | 25-150 |
| 13C3_PFHxS | | 73 | 25-150 |
| 13C3-HFPO-DA | | 82 | 25-150 |
| 13C4_PFBa | | 79 | 25-150 |
| 13C4_PFHpA | | 84 | 25-150 |
| 13C5_PFHxA | | 83 | 25-150 |
| 13C5_PFPeA | | 80 | 25-150 |
| 13C6_PFDA | | 81 | 25-150 |
| 13C7_PFUdA | | 86 | 25-150 |
| 13C8_PFOA | | 84 | 25-150 |
| 13C8_PFOS | | 76 | 25-150 |
| 13C8_PFOSA | | 87 | 10-150 |
| 13C9_PFNA | | 87 | 25-150 |
| d-EtFOSA | | 88 | 10-150 |
| d5-EtFOSAA | | 103 | 25-150 |
| d9-EtFOSE | | 89 | 10-150 |
| d-MeFOSA | | 94 | 10-150 |
| d3-MeFOSAA | | 88 | 25-150 |
| d7-MeFOSE | | 91 | 10-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

| | |
|--|--|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-004 |
| Description: SB-14 (0'-4') | Matrix: Solid |
| Date Sampled: 10/12/2020 1555 | Project Name: 2004400 WAUSAU - 1300 |
| Date Received: 10/15/2020 | % Solids: 73.9 10/16/2020 0125 |
| Project Number: 40216441 | |

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | SOP SPE | PFAS by ID SOP | 1 | 10/22/2020 1905 | KMM2 | 10/20/2020 1030 | 70448 |

| Parameter | CAS Number | Analytical Method | Result | Q | LOQ | DL | Units | Run |
|---|------------------|-----------------------|------------|----------|------------|-------------|--------------|----------|
| 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS) | 756426-58-1 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3...) | 763051-92-9 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| 1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS) | 39108-34-4 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| 1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS) | 27619-97-2 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| 1H,1H,2H,2H-perfluorododecane sulfonic acid (10:2 FTS) | 120226-60-0 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| 1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2 FTS) | 757124-72-4 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| Hexafluoropropylene oxide dimer acid (GenX) | 13252-13-6 | PFAS by ID SOP | ND | | 5.4 | 1.4 | ug/kg | 1 |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA) | 919005-14-4 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| N-ethylperfluoro-1-octanesulfonamide (EtFOSA) | 4151-50-2 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| N-ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA) | 2991-50-6 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| 2-N-ethylperfluoro-1-octanesulfonamido-ethanol (EtFOSE) | 1691-99-2 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| N-methylperfluoro-1-octanesulfonamide (MeFOSA) | 31506-32-8 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| N-methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA) | 2355-31-9 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| 2-N-methylperfluoro-1-octanesulfonamido-ethanol (MeFOSE) | 24448-09-7 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| Perfluoro-1-butanefluoronic acid (PFBS) | 375-73-5 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-1-decanesulfonic acid (PFDS) | 335-77-3 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-1-heptanesulfonic acid (PFHpS) | 375-92-8 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-1-nonanesulfonic acid (PFNS) | 68259-12-1 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-1-octanesulfonamide (PFOSA) | 754-91-6 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-1-pentanesulfonic acid (PFPeS) | 2706-91-4 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluorododecanesulfonic acid (PFDOS) | 79780-39-5 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluorohexanesulfonic acid (PFHxS) | 355-46-4 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-n-butanefluoronic acid (PFBA) | 375-22-4 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-n-decanoic acid (PFDA) | 335-76-2 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-n-dodecanoic acid (PFDoA) | 307-55-1 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-n-heptanoic acid (PFHpA) | 375-85-9 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-n-hexadecanoic acid (PFHxDA) | 67905-19-5 | PFAS by ID SOP | ND | | 2.7 | 0.68 | ug/kg | 1 |
| Perfluoro-n-hexanoic acid (PFHxA) | 307-24-4 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-n-nonanoic acid (PFNA) | 375-95-1 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-n-octadecanoic acid (PFODA) | 16517-11-6 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-n-octanoic acid (PFOA) | 335-67-1 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-n-pentanoic acid (PFPeA) | 2706-90-3 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-n-tetradecanoic acid (PFTeDA) | 376-06-7 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-n-tridecanoic acid (PFTrDA) | 72629-94-8 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluoro-n-undecanoic acid (PFUDA) | 2058-94-8 | PFAS by ID SOP | ND | | 1.4 | 0.27 | ug/kg | 1 |
| Perfluorooctanesulfonic acid (PFOS) | 1763-23-1 | PFAS by ID SOP | 1.0 | J | 1.4 | 0.27 | ug/kg | 1 |

| Surrogate | Run 1 Q | % Recovery | Acceptance Limits |
|-------------|---------|------------|-------------------|
| 13C2_4:2FTS | | 107 | 25-150 |
| 13C2_6:2FTS | | 110 | 25-150 |
| 13C2_8:2FTS | | 127 | 25-150 |
| 13C2_PFDa | | 111 | 25-150 |
| 13C2_PFHxDA | | 104 | 25-150 |
| 13C2_PFTeDA | | 101 | 25-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

| | |
|--|--|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-004 |
| Description: SB-14 (0'-4') | Matrix: Solid |
| Date Sampled: 10/12/2020 1555 | Project Name: 2004400 WAUSAU - 1300 |
| Date Received: 10/15/2020 | Project Number: 40216441 |
| | % Solids: 73.9 10/16/2020 0125 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|--------------|---|---------------------|----------------------|
| 13C3_PFBs | | 80 | 25-150 |
| 13C3_PFHxS | | 85 | 25-150 |
| 13C3-HFPO-DA | | 93 | 25-150 |
| 13C4_PFBa | | 91 | 25-150 |
| 13C4_PFHpA | | 94 | 25-150 |
| 13C5_PFHxA | | 91 | 25-150 |
| 13C5_PFPeA | | 88 | 25-150 |
| 13C6_PFDa | | 96 | 25-150 |
| 13C7_PFUdA | | 99 | 25-150 |
| 13C8_PFOA | | 94 | 25-150 |
| 13C8_PFOS | | 89 | 25-150 |
| 13C8_PFOsA | | 96 | 10-150 |
| 13C9_PFNAA | | 94 | 25-150 |
| d-EtFOSA | | 97 | 10-150 |
| d5-EtFOSAA | | 127 | 25-150 |
| d9-EtFOSE | | 97 | 10-150 |
| d-MeFOSA | | 95 | 10-150 |
| d3-MeFOSAA | | 114 | 25-150 |
| d7-MeFOSE | | 86 | 10-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

| | |
|--|--|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-005 |
| Description: SB-15 (8'-12') | Matrix: Solid |
| Date Sampled: 10/12/2020 1650 | Project Name: 2004400 WAUSAU - 1300 |
| Date Received: 10/15/2020 | % Solids: 95.1 10/16/2020 0125 |
| Project Number: 40216441 | |

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | SOP SPE | PFAS by ID SOP | 1 | 10/22/2020 1915 | KMM2 | 10/20/2020 1030 | 70448 |

| Parameter | CAS Number | Analytical Method | Result | Q | LOQ | DL | Units | Run |
|---|-------------|-------------------|--------|---|-----|------|-------|-----|
| 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS) | 756426-58-1 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3...) | 763051-92-9 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| 1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS) | 39108-34-4 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| 1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS) | 27619-97-2 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| 1H,1H,2H,2H-perfluorododecane sulfonic acid (10:2 FTS) | 120226-60-0 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| 1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2 FTS) | 757124-72-4 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| Hexafluoropropylene oxide dimer acid (GenX) | 13252-13-6 | PFAS by ID SOP | ND | | 4.5 | 1.1 | ug/kg | 1 |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA) | 919005-14-4 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| N-ethylperfluoro-1-octanesulfonamide (EtFOSA) | 4151-50-2 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| N-ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA) | 2991-50-6 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| 2-N-ethylperfluoro-1-octanesulfonamido-ethanol (EtFOSE) | 1691-99-2 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| N-methylperfluoro-1-octanesulfonamide (MeFOSA) | 31506-32-8 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| N-methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA) | 2355-31-9 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| 2-N-methylperfluoro-1-octanesulfonamido-ethanol (MeFOSE) | 24448-09-7 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| Perfluoro-1-butanefluoronic acid (PFBS) | 375-73-5 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-1-decanesulfonic acid (PFDS) | 335-77-3 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-1-heptanesulfonic acid (PFHpS) | 375-92-8 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-1-nonanesulfonic acid (PFNS) | 68259-12-1 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-1-octanesulfonamide (PFOA) | 754-91-6 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-1-pentanesulfonic acid (PFPeS) | 2706-91-4 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluorododecanesulfonic acid (PFDOS) | 79780-39-5 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluorohexanesulfonic acid (PFHxS) | 355-46-4 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-n-butanefluoronic acid (PFBA) | 375-22-4 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-n-decanoic acid (PFDA) | 335-76-2 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-n-dodecanoic acid (PFDoA) | 307-55-1 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-n-heptanoic acid (PFHpA) | 375-85-9 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-n-hexadecanoic acid (PFHxDA) | 67905-19-5 | PFAS by ID SOP | ND | | 2.3 | 0.57 | ug/kg | 1 |
| Perfluoro-n-hexanoic acid (PFHxA) | 307-24-4 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-n-nonanoic acid (PFNA) | 375-95-1 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-n-octadecanoic acid (PFODA) | 16517-11-6 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-n-octanoic acid (PFOA) | 335-67-1 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-n-pentanoic acid (PFPeA) | 2706-90-3 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-n-tetradecanoic acid (PFTeDA) | 376-06-7 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-n-tridecanoic acid (PFTrDA) | 72629-94-8 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluoro-n-undecanoic acid (PFUDA) | 2058-94-8 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |
| Perfluorooctanesulfonic acid (PFOS) | 1763-23-1 | PFAS by ID SOP | ND | | 1.1 | 0.23 | ug/kg | 1 |

| Surrogate | Run 1 Q | Run 1 % Recovery | Acceptance Limits |
|-------------|---------|------------------|-------------------|
| 13C2_4:2FTS | | 89 | 25-150 |
| 13C2_6:2FTS | | 94 | 25-150 |
| 13C2_8:2FTS | | 105 | 25-150 |
| 13C2_PFDa | | 94 | 25-150 |
| 13C2_PFHxDA | | 98 | 25-150 |
| 13C2_PFTeDA | | 97 | 25-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

| | |
|--|--|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-005 |
| Description: SB-15 (8'-12') | Matrix: Solid |
| Date Sampled: 10/12/2020 1650 | Project Name: 2004400 WAUSAU - 1300 |
| Date Received: 10/15/2020 | Project Number: 40216441 |
| | % Solids: 95.1 10/16/2020 0125 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|--------------|---|---------------------|----------------------|
| 13C3_PFBs | | 75 | 25-150 |
| 13C3_PFHxS | | 83 | 25-150 |
| 13C3-HFPO-DA | | 89 | 25-150 |
| 13C4_PFBa | | 87 | 25-150 |
| 13C4_PFHpA | | 89 | 25-150 |
| 13C5_PFHxA | | 87 | 25-150 |
| 13C5_PFPeA | | 88 | 25-150 |
| 13C6_PFDa | | 90 | 25-150 |
| 13C7_PFUdA | | 93 | 25-150 |
| 13C8_PFOa | | 92 | 25-150 |
| 13C8_PFOs | | 79 | 25-150 |
| 13C8_PFOsA | | 90 | 10-150 |
| 13C9_PFNa | | 92 | 25-150 |
| d-EtFOsA | | 97 | 10-150 |
| d5-EtFOsAA | | 107 | 25-150 |
| d9-EtFOsE | | 93 | 10-150 |
| d-MeFOsA | | 99 | 10-150 |
| d3-MeFOsAA | | 98 | 25-150 |
| d7-MeFOsE | | 93 | 10-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

| | |
|--|--|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-006 |
| Description: SB-19 (8'-12') | Matrix: Solid |
| Date Sampled: 10/12/2020 1630 | Project Name: 2004400 WAUSAU - 1300 |
| Date Received: 10/15/2020 | % Solids: 97.4 10/16/2020 0125 |
| Project Number: 40216441 | |

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | SOP SPE | PFAS by ID SOP | 1 | 10/22/2020 1926 | KMM2 | 10/20/2020 1030 | 70448 |

| Parameter | CAS Number | Analytical Method | Result | Q | LOQ | DL | Units | Run |
|---|------------------|-----------------------|-------------|----------|-------------|-------------|--------------|----------|
| 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS) | 756426-58-1 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3...) | 763051-92-9 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| 1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS) | 39108-34-4 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| 1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS) | 27619-97-2 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| 1H,1H,2H,2H-perfluorododecane sulfonic acid (10:2 FTS) | 120226-60-0 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| 1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2 FTS) | 757124-72-4 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| Hexafluoropropylene oxide dimer acid (GenX) | 13252-13-6 | PFAS by ID SOP | ND | | 3.7 | 0.92 | ug/kg | 1 |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA) | 919005-14-4 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| N-ethylperfluoro-1-octanesulfonamide (EtFOSA) | 4151-50-2 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| N-ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA) | 2991-50-6 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| 2-N-ethylperfluoro-1-octanesulfonamido-ethanol (EtFOSE) | 1691-99-2 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| N-methylperfluoro-1-octanesulfonamide (MeFOSA) | 31506-32-8 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| N-methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA) | 2355-31-9 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| 2-N-methylperfluoro-1-octanesulfonamido-ethanol (MeFOSE) | 24448-09-7 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| Perfluoro-1-butanefluoronic acid (PFBS) | 375-73-5 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-1-decanesulfonic acid (PFDS) | 335-77-3 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-1-heptanesulfonic acid (PFHpS) | 375-92-8 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-1-nonanesulfonic acid (PFNS) | 68259-12-1 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-1-octanesulfonamide (PFOSA) | 754-91-6 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-1-pentanesulfonic acid (PFPeS) | 2706-91-4 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluorododecanesulfonic acid (PFDOS) | 79780-39-5 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluorohexanesulfonic acid (PFHxS) | 355-46-4 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-n-butanefluoronic acid (PFBA) | 375-22-4 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-n-decanoic acid (PFDA) | 335-76-2 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-n-dodecanoic acid (PFDoA) | 307-55-1 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-n-heptanoic acid (PFHpA) | 375-85-9 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-n-hexadecanoic acid (PFHxDA) | 67905-19-5 | PFAS by ID SOP | ND | | 1.8 | 0.46 | ug/kg | 1 |
| Perfluoro-n-hexanoic acid (PFHxA) | 307-24-4 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-n-nonanoic acid (PFNA) | 375-95-1 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-n-octadecanoic acid (PFODA) | 16517-11-6 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-n-octanoic acid (PFOA) | 335-67-1 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-n-pentanoic acid (PFPeA) | 2706-90-3 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-n-tetradecanoic acid (PFTeDA) | 376-06-7 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-n-tridecanoic acid (PFTrDA) | 72629-94-8 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluoro-n-undecanoic acid (PFUDA) | 2058-94-8 | PFAS by ID SOP | ND | | 0.92 | 0.18 | ug/kg | 1 |
| Perfluorooctanesulfonic acid (PFOS) | 1763-23-1 | PFAS by ID SOP | 0.20 | J | 0.92 | 0.18 | ug/kg | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-------------|---|------------------|-------------------|
| 13C2_4:2FTS | | 85 | 25-150 |
| 13C2_6:2FTS | | 91 | 25-150 |
| 13C2_8:2FTS | | 94 | 25-150 |
| 13C2_PFDa | | 81 | 25-150 |
| 13C2_PFHxDA | | 91 | 25-150 |
| 13C2_PFTeDA | | 89 | 25-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

| | | |
|--|--|---------------------------------------|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-006 | |
| Description: SB-19 (8'-12') | Matrix: Solid | |
| Date Sampled: 10/12/2020 1630 | Project Name: 2004400 WAUSAU - 1300 | % Solids: 97.4 10/16/2020 0125 |
| Date Received: 10/15/2020 | Project Number: 40216441 | |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|--------------|---|---------------------|----------------------|
| 13C3_PFBs | | 73 | 25-150 |
| 13C3_PFHxS | | 75 | 25-150 |
| 13C3-HFPO-DA | | 86 | 25-150 |
| 13C4_PFBa | | 84 | 25-150 |
| 13C4_PFHpA | | 83 | 25-150 |
| 13C5_PFHxA | | 83 | 25-150 |
| 13C5_PFPeA | | 83 | 25-150 |
| 13C6_PFDa | | 80 | 25-150 |
| 13C7_PFUdA | | 85 | 25-150 |
| 13C8_PFOA | | 85 | 25-150 |
| 13C8_PFOs | | 72 | 25-150 |
| 13C8_PFOsA | | 87 | 10-150 |
| 13C9_PFNa | | 84 | 25-150 |
| d-EtFOsA | | 92 | 10-150 |
| d5-EtFOsAA | | 96 | 25-150 |
| d9-EtFOsE | | 82 | 10-150 |
| d-MeFOsA | | 82 | 10-150 |
| d3-MeFOsAA | | 98 | 25-150 |
| d7-MeFOsE | | 82 | 10-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

Client: **Pace Analytical Services, LLC**

Laboratory ID: **VJ15045-007**

Description: **EQUIP BLANK**

Matrix: **Aqueous**

Date Sampled: **10/12/2020 1340**

Project Name: **2004400 WAUSAU - 1300**

Date Received: **10/15/2020**

Project Number: **40216441**

| Run | Prep Method | Analytical Method | Dilution | Analysis Date | Analyst | Prep Date | Batch |
|-----|-------------|-------------------|----------|-----------------|---------|-----------------|-------|
| 1 | SOP SPE | PFAS by ID SOP | 1 | 10/27/2020 1640 | SES | 10/26/2020 1547 | 71189 |

| Parameter | CAS Number | Analytical Method | Result | Q | LOQ | DL | Units | Run |
|---|------------------|-----------------------|------------|----------|------------|-------------|-------------|----------|
| 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS) | 756426-58-1 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3...) | 763051-92-9 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| 1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS) | 39108-34-4 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| 1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS) | 27619-97-2 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| 1H,1H,2H,2H-perfluorododecane sulfonic acid (10:2 FTS) | 120226-60-0 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| 1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2 FTS) | 757124-72-4 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| Hexafluoropropylene oxide dimer acid (GenX) | 13252-13-6 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA) | 919005-14-4 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| N-ethylperfluoro-1-octanesulfonamide (EtFOSA) | 4151-50-2 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| N-ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA) | 2991-50-6 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| 2-N-ethylperfluoro-1-octanesulfonamido-ethanol (EtFOSE) | 1691-99-2 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| N-methylperfluoro-1-octanesulfonamide (MeFOSA) | 31506-32-8 | PFAS by ID SOP | ND | | 14 | 3.6 | ng/L | 1 |
| N-methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA) | 2355-31-9 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| 2-N-methylperfluoro-1-octanesulfonamido-ethanol (MeFOSE) | 24448-09-7 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| Perfluoro-1-butanefluoronic acid (PFBS) | 375-73-5 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-1-decanesulfonic acid (PFDS) | 335-77-3 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-1-heptanesulfonic acid (PFHpS) | 375-92-8 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-1-nonanesulfonic acid (PFNS) | 68259-12-1 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-1-octanesulfonamide (PFOSA) | 754-91-6 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-1-pentanesulfonic acid (PFPeS) | 2706-91-4 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluorododecanesulfonic acid (PFDOS) | 79780-39-5 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| Perfluorohexanesulfonic acid (PFHxS) | 355-46-4 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-n-butyric acid (PFBA) | 375-22-4 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-n-decanoic acid (PFDA) | 335-76-2 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-n-dodecanoic acid (PFDoA) | 307-55-1 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-n-heptanoic acid (PFHpA) | 375-85-9 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-n-hexadecanoic acid (PFHxDA) | 67905-19-5 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| Perfluoro-n-hexanoic acid (PFHxA) | 307-24-4 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-n-nonanoic acid (PFNA) | 375-95-1 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-n-octadecanoic acid (PFODA) | 16517-11-6 | PFAS by ID SOP | ND | | 7.2 | 1.8 | ng/L | 1 |
| Perfluoro-n-octanoic acid (PFOA) | 335-67-1 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-n-pentanoic acid (PFPeA) | 2706-90-3 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-n-tetradecanoic acid (PFTeDA) | 376-06-7 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-n-tridecanoic acid (PFTrDA) | 72629-94-8 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluoro-n-undecanoic acid (PFUdA) | 2058-94-8 | PFAS by ID SOP | ND | | 3.6 | 0.90 | ng/L | 1 |
| Perfluorooctanesulfonic acid (PFOS) | 1763-23-1 | PFAS by ID SOP | 1.3 | J | 3.6 | 0.90 | ng/L | 1 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|-------------|---|------------------|-------------------|
| 13C2_4:2FTS | | 98 | 25-150 |
| 13C2_6:2FTS | | 100 | 25-150 |
| 13C2_8:2FTS | | 105 | 25-150 |
| 13C2_PFDaA | | 111 | 25-150 |
| 13C2_PFHxDA | | 80 | 25-150 |
| 13C2_PFTeDA | | 85 | 25-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS

| | |
|--|--|
| Client: Pace Analytical Services, LLC | Laboratory ID: VJ15045-007 |
| Description: EQUIP BLANK | Matrix: Aqueous |
| Date Sampled: 10/12/2020 1340 | Project Name: 2004400 WAUSAU - 1300 |
| Date Received: 10/15/2020 | Project Number: 40216441 |

| Surrogate | Q | Run 1 % Recovery | Acceptance Limits |
|--------------|---|---------------------|----------------------|
| 13C3_PFBs | | 84 | 25-150 |
| 13C3_PFHxS | | 91 | 25-150 |
| 13C3-HFPO-DA | | 91 | 25-150 |
| 13C4_PFBa | | 96 | 25-150 |
| 13C4_PFHpA | | 91 | 25-150 |
| 13C5_PFHxA | | 90 | 25-150 |
| 13C5_PFPeA | | 92 | 25-150 |
| 13C6_PFDa | | 95 | 25-150 |
| 13C7_PFUdA | | 110 | 25-150 |
| 13C8_PFOA | | 95 | 25-150 |
| 13C8_PFOS | | 89 | 25-150 |
| 13C8_PFOSA | | 92 | 10-150 |
| 13C9_PFNA | | 96 | 25-150 |
| d-EtFOSA | | 71 | 10-150 |
| d5-EtFOSAA | | 104 | 25-150 |
| d9-EtFOSE | | 83 | 10-150 |
| d-MeFOSA | | 74 | 10-150 |
| d3-MeFOSAA | | 109 | 25-150 |
| d7-MeFOSE | | 80 | 10-150 |

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range DL = Detection Limit
 ND = Not detected at or above the DL N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40% J = Estimated result < LOQ and ≥ DL
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

QC Summary

PFAS by LC/MS/MS - MB

Sample ID: VQ70448-001

Matrix: Solid

Batch: 70448

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 10/20/2020 1030

| Parameter | Result | Q | Dil | LOQ | DL | Units | Analysis Date |
|--------------|--------|---|-----|-----|------|-------|-----------------|
| 9CI-PF3ONS | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| 11CI-PF3OUdS | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| 8:2 FTS | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| 6:2 FTS | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| 10:2 FTS | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| 4:2 FTS | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| GenX | ND | | 1 | 4.0 | 1.0 | ug/kg | 10/21/2020 2304 |
| ADONA | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| EtFOSA | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| EtFOSAA | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| EtFOSE | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| MeFOSA | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| MeFOSAA | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| MeFOSE | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| PFBS | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFDS | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFHpS | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFNS | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFOSA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFPeS | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFDOS | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFHxS | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFBA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFDA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFDaA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFHpA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFHxDA | ND | | 1 | 2.0 | 0.50 | ug/kg | 10/21/2020 2304 |
| PFHxA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFNA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFODA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFOA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFPeA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFTeDA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFTTrDA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFUdA | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |
| PFOS | ND | | 1 | 1.0 | 0.20 | ug/kg | 10/21/2020 2304 |

| Surrogate | Q | % Rec | Acceptance Limit |
|-------------|---|-------|------------------|
| 13C2_4:2FTS | | 89 | 25-150 |
| 13C2_6:2FTS | | 96 | 25-150 |
| 13C2_8:2FTS | | 93 | 25-150 |
| 13C2_PFDaA | | 95 | 25-150 |
| 13C2_PFHxDA | | 93 | 25-150 |

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS - MB

Sample ID: VQ70448-001

Matrix: Solid

Batch: 70448

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 10/20/2020 1030

| Surrogate | Q | % Rec | Acceptance Limit |
|--------------|---|-------|------------------|
| 13C2_PFTeDA | | 88 | 25-150 |
| 13C3_PFBs | | 78 | 25-150 |
| 13C3_PFHxS | | 80 | 25-150 |
| 13C3-HFPO-DA | | 92 | 25-150 |
| 13C4_PFBa | | 88 | 25-150 |
| 13C4_PFHpA | | 85 | 25-150 |
| 13C5_PFHxA | | 88 | 25-150 |
| 13C5_PFPeA | | 90 | 25-150 |
| 13C6_PFDa | | 83 | 25-150 |
| 13C7_PFUdA | | 89 | 25-150 |
| 13C8_PFOA | | 94 | 25-150 |
| 13C8_PFOs | | 82 | 25-150 |
| 13C8_PFOsA | | 91 | 10-150 |
| 13C9_PFNa | | 89 | 25-150 |
| d-EtFOsA | | 91 | 10-150 |
| d5-EtFOsAA | | 100 | 25-150 |
| d9-EtFOsE | | 92 | 10-150 |
| d-MeFOsA | | 87 | 10-150 |
| d3-MeFOsAA | | 97 | 25-150 |
| d7-MeFOsE | | 86 | 10-150 |

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS - LCS

Sample ID: VQ70448-002

Matrix: Solid

Batch: 70448

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 10/20/2020 1030

| Parameter | Spike Amount (ug/kg) | Result (ug/kg) | Q | Dil | % Rec | % Rec Limit | Analysis Date |
|--------------|----------------------|----------------|---|-----|-------|-------------|-----------------|
| 9CI-PF3ONS | 1.9 | 1.9 | | 1 | 105 | 50-150 | 10/21/2020 2315 |
| 11CI-PF3OUdS | 1.9 | 1.9 | | 1 | 102 | 50-150 | 10/21/2020 2315 |
| 8:2 FTS | 1.9 | 1.9 | | 1 | 98 | 50-150 | 10/21/2020 2315 |
| 6:2 FTS | 1.9 | 2.0 | | 1 | 108 | 50-150 | 10/21/2020 2315 |
| 10:2 FTS | 1.9 | 1.9 | | 1 | 101 | 50-150 | 10/21/2020 2315 |
| 4:2 FTS | 1.9 | 2.3 | | 1 | 122 | 50-150 | 10/21/2020 2315 |
| GenX | 4.0 | 4.0 | | 1 | 101 | 50-150 | 10/21/2020 2315 |
| ADONA | 1.9 | 2.2 | | 1 | 118 | 50-150 | 10/21/2020 2315 |
| EtFOSA | 2.0 | 2.1 | | 1 | 105 | 50-150 | 10/21/2020 2315 |
| EtFOSAA | 2.0 | 1.6 | | 1 | 81 | 50-150 | 10/21/2020 2315 |
| EtFOSE | 2.0 | 2.0 | | 1 | 99 | 50-150 | 10/21/2020 2315 |
| MeFOSA | 2.0 | 1.9 | | 1 | 94 | 50-150 | 10/21/2020 2315 |
| MeFOSAA | 2.0 | 2.3 | | 1 | 114 | 50-150 | 10/21/2020 2315 |
| MeFOSE | 2.0 | 2.0 | | 1 | 98 | 50-150 | 10/21/2020 2315 |
| PFBS | 1.8 | 1.9 | | 1 | 110 | 50-150 | 10/21/2020 2315 |
| PFDS | 1.9 | 2.1 | | 1 | 109 | 50-150 | 10/21/2020 2315 |
| PFHpS | 1.9 | 2.2 | | 1 | 118 | 50-150 | 10/21/2020 2315 |
| PFNS | 1.9 | 1.9 | | 1 | 98 | 50-150 | 10/21/2020 2315 |
| PFOSA | 2.0 | 1.9 | | 1 | 93 | 50-150 | 10/21/2020 2315 |
| PFPeS | 1.9 | 2.1 | | 1 | 113 | 50-150 | 10/21/2020 2315 |
| PFDOS | 1.9 | 2.1 | | 1 | 108 | 50-150 | 10/21/2020 2315 |
| PFHxS | 1.8 | 2.0 | | 1 | 110 | 50-150 | 10/21/2020 2315 |
| PFBA | 2.0 | 2.2 | | 1 | 108 | 50-150 | 10/21/2020 2315 |
| PFDA | 2.0 | 2.0 | | 1 | 101 | 50-150 | 10/21/2020 2315 |
| PFDoA | 2.0 | 2.0 | | 1 | 100 | 50-150 | 10/21/2020 2315 |
| PFHpA | 2.0 | 2.2 | | 1 | 110 | 50-150 | 10/21/2020 2315 |
| PFHxDA | 2.0 | 2.1 | | 1 | 104 | 50-150 | 10/21/2020 2315 |
| PFHxA | 2.0 | 2.0 | | 1 | 102 | 50-150 | 10/21/2020 2315 |
| PFNA | 2.0 | 2.1 | | 1 | 104 | 50-150 | 10/21/2020 2315 |
| PFODA | 2.0 | 2.5 | | 1 | 125 | 50-150 | 10/21/2020 2315 |
| PFOA | 2.0 | 2.0 | | 1 | 102 | 50-150 | 10/21/2020 2315 |
| PFPeA | 2.0 | 2.0 | | 1 | 98 | 50-150 | 10/21/2020 2315 |
| PFTeDA | 2.0 | 2.0 | | 1 | 99 | 50-150 | 10/21/2020 2315 |
| PFTTrDA | 2.0 | 2.0 | | 1 | 102 | 50-150 | 10/21/2020 2315 |
| PFUdA | 2.0 | 2.1 | | 1 | 107 | 50-150 | 10/21/2020 2315 |
| PFOS | 1.9 | 1.8 | | 1 | 99 | 50-150 | 10/21/2020 2315 |

| Surrogate | Q | % Rec | Acceptance Limit |
|-------------|---|-------|------------------|
| 13C2_4:2FTS | | 85 | 25-150 |
| 13C2_6:2FTS | | 90 | 25-150 |
| 13C2_8:2FTS | | 83 | 25-150 |
| 13C2_PFDoA | | 84 | 25-150 |
| 13C2_PFHxDA | | 84 | 25-150 |

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS - LCS

Sample ID: VQ70448-002

Matrix: Solid

Batch: 70448

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 10/20/2020 1030

| Surrogate | Q | % Rec | Acceptance Limit |
|--------------|---|-------|------------------|
| 13C2_PFTeDA | | 79 | 25-150 |
| 13C3_PFBs | | 69 | 25-150 |
| 13C3_PFHxS | | 74 | 25-150 |
| 13C3-HFPO-DA | | 83 | 25-150 |
| 13C4_PFBa | | 80 | 25-150 |
| 13C4_PFHpA | | 80 | 25-150 |
| 13C5_PFHxA | | 79 | 25-150 |
| 13C5_PFPeA | | 83 | 25-150 |
| 13C6_PFDa | | 74 | 25-150 |
| 13C7_PFUdA | | 81 | 25-150 |
| 13C8_PFOA | | 83 | 25-150 |
| 13C8_PFOS | | 76 | 25-150 |
| 13C8_PFOsA | | 85 | 10-150 |
| 13C9_PFNA | | 79 | 25-150 |
| d-EtFOsA | | 86 | 10-150 |
| d5-EtFOsAA | | 93 | 25-150 |
| d9-EtFOsE | | 79 | 10-150 |
| d-MeFOsA | | 85 | 10-150 |
| d3-MeFOsAA | | 82 | 25-150 |
| d7-MeFOsE | | 78 | 10-150 |

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS - MS

Sample ID: VJ15045-001MS

Matrix: Solid

Batch: 70448

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 10/20/2020 1030

| Parameter | Sample Amount (ug/kg) | Spike Amount (ug/kg) | Result (ug/kg) | Q | Dil | % Rec | % Rec Limit | Analysis Date |
|--------------|-----------------------|----------------------|----------------|---|-----|-------|-------------|-----------------|
| 9CI-PF3ONS | ND | 2.0 | 2.4 | | 1 | 116 | 50-150 | 10/22/2020 1822 |
| 11CI-PF3OUdS | ND | 2.0 | 2.5 | | 1 | 123 | 50-150 | 10/22/2020 1822 |
| 8:2 FTS | ND | 2.1 | 1.9 | | 1 | 89 | 50-150 | 10/22/2020 1822 |
| 6:2 FTS | ND | 2.1 | 1.9 | | 1 | 92 | 50-150 | 10/22/2020 1822 |
| 10:2 FTS | ND | 2.1 | 3.3 | N | 1 | 156 | 50-150 | 10/22/2020 1822 |
| 4:2 FTS | ND | 2.0 | 2.5 | | 1 | 122 | 50-150 | 10/22/2020 1822 |
| GenX | ND | 4.4 | 4.4 | | 1 | 101 | 50-150 | 10/22/2020 1822 |
| ADONA | ND | 2.0 | 2.6 | | 1 | 125 | 50-150 | 10/22/2020 1822 |
| EtFOSA | ND | 2.2 | 2.5 | | 1 | 114 | 50-150 | 10/22/2020 1822 |
| EtFOSAA | ND | 2.2 | 2.4 | | 1 | 111 | 50-150 | 10/22/2020 1822 |
| EtFOSE | ND | 2.2 | 2.2 | | 1 | 103 | 50-150 | 10/22/2020 1822 |
| MeFOSA | ND | 2.2 | 2.4 | | 1 | 111 | 50-150 | 10/22/2020 1822 |
| MeFOSAA | ND | 2.2 | 2.2 | | 1 | 99 | 50-150 | 10/22/2020 1822 |
| MeFOSE | ND | 2.2 | 2.1 | | 1 | 97 | 50-150 | 10/22/2020 1822 |
| PFBS | ND | 1.9 | 2.1 | | 1 | 111 | 50-150 | 10/22/2020 1822 |
| PFDS | ND | 2.1 | 2.3 | | 1 | 110 | 50-150 | 10/22/2020 1822 |
| PFHpS | ND | 2.1 | 2.4 | | 1 | 116 | 50-150 | 10/22/2020 1822 |
| PFNS | ND | 2.1 | 2.6 | | 1 | 126 | 50-150 | 10/22/2020 1822 |
| PFOSA | ND | 2.2 | 2.3 | | 1 | 105 | 50-150 | 10/22/2020 1822 |
| PFPeS | ND | 2.0 | 2.1 | | 1 | 105 | 50-150 | 10/22/2020 1822 |
| PFDOS | ND | 2.1 | 2.7 | | 1 | 127 | 50-150 | 10/22/2020 1822 |
| PFHxS | ND | 2.0 | 2.3 | | 1 | 114 | 50-150 | 10/22/2020 1822 |
| PFBA | ND | 2.2 | 2.6 | | 1 | 117 | 50-150 | 10/22/2020 1822 |
| PFDA | ND | 2.2 | 2.4 | | 1 | 108 | 50-150 | 10/22/2020 1822 |
| PFDaA | ND | 2.2 | 2.4 | | 1 | 108 | 50-150 | 10/22/2020 1822 |
| PFHpA | ND | 2.2 | 2.4 | | 1 | 110 | 50-150 | 10/22/2020 1822 |
| PFHxDA | ND | 2.2 | 2.6 | | 1 | 121 | 50-150 | 10/22/2020 1822 |
| PFHxA | ND | 2.2 | 2.4 | | 1 | 112 | 50-150 | 10/22/2020 1822 |
| PFNA | ND | 2.2 | 2.5 | | 1 | 113 | 50-150 | 10/22/2020 1822 |
| PFODA | ND | 2.2 | 2.7 | | 1 | 122 | 50-150 | 10/22/2020 1822 |
| PFOA | ND | 2.2 | 2.5 | | 1 | 114 | 50-150 | 10/22/2020 1822 |
| PFPeA | ND | 2.2 | 2.4 | | 1 | 112 | 50-150 | 10/22/2020 1822 |
| PFTeDA | ND | 2.2 | 2.5 | | 1 | 115 | 50-150 | 10/22/2020 1822 |
| PFTrDA | ND | 2.2 | 2.8 | | 1 | 130 | 50-150 | 10/22/2020 1822 |
| PFUdA | ND | 2.2 | 2.5 | | 1 | 114 | 50-150 | 10/22/2020 1822 |
| PFOS | 0.22 | 2.0 | 2.8 | | 1 | 130 | 50-150 | 10/22/2020 1822 |

| Surrogate | Q | % Rec | Acceptance Limit |
|-------------|---|-------|------------------|
| 13C2_4:2FTS | | 85 | 25-150 |
| 13C2_6:2FTS | | 97 | 25-150 |
| 13C2_8:2FTS | | 95 | 25-150 |
| 13C2_PFDaA | | 88 | 25-150 |
| 13C2_PFHxDA | | 91 | 25-150 |

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS - MS

Sample ID: VJ15045-001MS

Matrix: Solid

Batch: 70448

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 10/20/2020 1030

| Surrogate | Q | % Rec | Acceptance Limit |
|--------------|---|-------|------------------|
| 13C2_PFTeDA | | 91 | 25-150 |
| 13C3_PFBs | | 76 | 25-150 |
| 13C3_PFHxS | | 81 | 25-150 |
| 13C3-HFPO-DA | | 86 | 25-150 |
| 13C4_PFBa | | 83 | 25-150 |
| 13C4_PFHpA | | 85 | 25-150 |
| 13C5_PFHxA | | 84 | 25-150 |
| 13C5_PFPeA | | 81 | 25-150 |
| 13C6_PFDa | | 86 | 25-150 |
| 13C7_PFUdA | | 90 | 25-150 |
| 13C8_PFOA | | 82 | 25-150 |
| 13C8_PFOS | | 78 | 25-150 |
| 13C8_PFOsA | | 87 | 10-150 |
| 13C9_PFNA | | 87 | 25-150 |
| d-EtFOsA | | 91 | 10-150 |
| d5-EtFOsAA | | 98 | 25-150 |
| d9-EtFOsE | | 90 | 10-150 |
| d-MeFOsA | | 89 | 10-150 |
| d3-MeFOsAA | | 96 | 25-150 |
| d7-MeFOsE | | 84 | 10-150 |

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS - MSD

Sample ID: VJ15045-001MD

Matrix: Solid

Batch: 70448

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 10/20/2020 1030

| Parameter | Sample Amount (ug/kg) | Spike Amount (ug/kg) | Result (ug/kg) | Q | Dil | % Rec | % RPD | % Rec Limit | % RPD Limit | Analysis Date |
|--------------|-----------------------|----------------------|----------------|---|-----|-------|-------|-------------|-------------|-----------------|
| 9CI-PF3ONS | ND | 2.0 | 2.2 | | 1 | 107 | 8.5 | 50-150 | 30 | 10/22/2020 1833 |
| 11CI-PF3OUdS | ND | 2.0 | 2.3 | | 1 | 114 | 7.2 | 50-150 | 30 | 10/22/2020 1833 |
| 8:2 FTS | ND | 2.1 | 1.8 | | 1 | 85 | 5.4 | 50-150 | 30 | 10/22/2020 1833 |
| 6:2 FTS | ND | 2.1 | 1.5 | | 1 | 71 | 25 | 50-150 | 30 | 10/22/2020 1833 |
| 10:2 FTS | ND | 2.1 | 2.3 | + | 1 | 107 | 37 | 50-150 | 30 | 10/22/2020 1833 |
| 4:2 FTS | ND | 2.0 | 1.9 | | 1 | 95 | 25 | 50-150 | 30 | 10/22/2020 1833 |
| GenX | ND | 4.4 | 3.5 | | 1 | 80 | 22 | 50-150 | 30 | 10/22/2020 1833 |
| ADONA | ND | 2.0 | 2.3 | | 1 | 110 | 12 | 50-150 | 30 | 10/22/2020 1833 |
| EtFOSA | ND | 2.2 | 1.8 | + | 1 | 82 | 32 | 50-150 | 30 | 10/22/2020 1833 |
| EtFOSAA | ND | 2.2 | 1.9 | | 1 | 85 | 26 | 50-150 | 30 | 10/22/2020 1833 |
| EtFOSE | ND | 2.2 | 1.8 | | 1 | 84 | 21 | 50-150 | 30 | 10/22/2020 1833 |
| MeFOSA | ND | 2.2 | 1.7 | + | 1 | 78 | 34 | 50-150 | 30 | 10/22/2020 1833 |
| MeFOSAA | ND | 2.2 | 1.7 | | 1 | 77 | 26 | 50-150 | 30 | 10/22/2020 1833 |
| MeFOSE | ND | 2.2 | 1.4 | + | 1 | 64 | 41 | 50-150 | 30 | 10/22/2020 1833 |
| PFBS | ND | 1.9 | 1.9 | | 1 | 97 | 14 | 50-150 | 30 | 10/22/2020 1833 |
| PFDS | ND | 2.1 | 2.1 | | 1 | 101 | 7.8 | 50-150 | 30 | 10/22/2020 1833 |
| PFHpS | ND | 2.1 | 2.0 | | 1 | 96 | 18 | 50-150 | 30 | 10/22/2020 1833 |
| PFNS | ND | 2.1 | 2.2 | | 1 | 104 | 19 | 50-150 | 30 | 10/22/2020 1833 |
| PFOSA | ND | 2.2 | 2.0 | | 1 | 91 | 14 | 50-150 | 30 | 10/22/2020 1833 |
| PFPeS | ND | 2.0 | 1.8 | | 1 | 90 | 16 | 50-150 | 30 | 10/22/2020 1833 |
| PFDOS | ND | 2.1 | 2.1 | | 1 | 98 | 26 | 50-150 | 30 | 10/22/2020 1833 |
| PFHxS | ND | 2.0 | 1.8 | | 1 | 90 | 23 | 50-150 | 30 | 10/22/2020 1833 |
| PFBA | ND | 2.2 | 2.0 | | 1 | 92 | 24 | 50-150 | 30 | 10/22/2020 1833 |
| PFDA | ND | 2.2 | 2.1 | | 1 | 94 | 14 | 50-150 | 30 | 10/22/2020 1833 |
| PFDoA | ND | 2.2 | 2.0 | | 1 | 90 | 18 | 50-150 | 30 | 10/22/2020 1833 |
| PFHpA | ND | 2.2 | 2.1 | | 1 | 97 | 13 | 50-150 | 30 | 10/22/2020 1833 |
| PFHxDA | ND | 2.2 | 2.1 | | 1 | 98 | 21 | 50-150 | 30 | 10/22/2020 1833 |
| PFHxA | ND | 2.2 | 1.9 | | 1 | 87 | 25 | 50-150 | 30 | 10/22/2020 1833 |
| PFNA | ND | 2.2 | 2.0 | | 1 | 91 | 22 | 50-150 | 30 | 10/22/2020 1833 |
| PFODA | ND | 2.2 | 2.1 | | 1 | 98 | 22 | 50-150 | 30 | 10/22/2020 1833 |
| PFOA | ND | 2.2 | 2.0 | | 1 | 91 | 23 | 50-150 | 30 | 10/22/2020 1833 |
| PFPeA | ND | 2.2 | 2.1 | | 1 | 95 | 16 | 50-150 | 30 | 10/22/2020 1833 |
| PFTeDA | ND | 2.2 | 2.0 | | 1 | 90 | 24 | 50-150 | 30 | 10/22/2020 1833 |
| PFTrDA | ND | 2.2 | 2.1 | | 1 | 97 | 29 | 50-150 | 30 | 10/22/2020 1833 |
| PFUdA | ND | 2.2 | 2.0 | | 1 | 90 | 23 | 50-150 | 30 | 10/22/2020 1833 |
| PFOS | 0.22 | 2.0 | 2.5 | | 1 | 113 | 13 | 50-150 | 30 | 10/22/2020 1833 |

| Surrogate | Q | % Rec | Acceptance Limit |
|-------------|---|-------|------------------|
| 13C2_4:2FTS | | 85 | 25-150 |
| 13C2_6:2FTS | | 87 | 25-150 |
| 13C2_8:2FTS | | 85 | 25-150 |
| 13C2_PFDoA | | 80 | 25-150 |
| 13C2_PFHxDA | | 81 | 25-150 |

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS - MSD

Sample ID: VJ15045-001MD

Matrix: Solid

Batch: 70448

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 10/20/2020 1030

| Surrogate | Q | % Rec | Acceptance Limit |
|--------------|---|-------|------------------|
| 13C2_PFTeDA | | 82 | 25-150 |
| 13C3_PFBs | | 67 | 25-150 |
| 13C3_PFHxS | | 69 | 25-150 |
| 13C3-HFPO-DA | | 79 | 25-150 |
| 13C4_PFBa | | 77 | 25-150 |
| 13C4_PFHpA | | 74 | 25-150 |
| 13C5_PFHxA | | 79 | 25-150 |
| 13C5_PFPeA | | 76 | 25-150 |
| 13C6_PFDa | | 75 | 25-150 |
| 13C7_PFUdA | | 80 | 25-150 |
| 13C8_PFOA | | 77 | 25-150 |
| 13C8_PFOs | | 68 | 25-150 |
| 13C8_PFOsA | | 78 | 10-150 |
| 13C9_PFNa | | 81 | 25-150 |
| d-EtFOsA | | 89 | 10-150 |
| d5-EtFOsAA | | 93 | 25-150 |
| d9-EtFOsE | | 76 | 10-150 |
| d-MeFOsA | | 84 | 10-150 |
| d3-MeFOsAA | | 89 | 25-150 |
| d7-MeFOsE | | 82 | 10-150 |

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS - MB

Sample ID: VQ71189-001

Matrix: Aqueous

Batch: 71189

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 10/26/2020 1547

| Parameter | Result | Q | Dil | LOQ | DL | Units | Analysis Date |
|--------------|--------|---|-----|-----|-----|-------|-----------------|
| 9CI-PF3ONS | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| 11CI-PF3OUdS | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| 8:2 FTS | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| 6:2 FTS | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| 10:2 FTS | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| 4:2 FTS | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| GenX | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| ADONA | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| EtFOSA | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| EtFOSAA | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| EtFOSE | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| MeFOSA | ND | | 1 | 16 | 4.0 | ng/L | 10/27/2020 1432 |
| MeFOSAA | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| MeFOSE | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| PFBS | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFDS | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFHpS | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFNS | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFOSA | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFPeS | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFDOS | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| PFHxS | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFBA | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFDA | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFDoA | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFHpA | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFHxDA | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| PFHxA | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFNA | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFODA | ND | | 1 | 8.0 | 2.0 | ng/L | 10/27/2020 1432 |
| PFOA | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFPeA | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFTeDA | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFTTrDA | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFUdA | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |
| PFOS | ND | | 1 | 4.0 | 1.0 | ng/L | 10/27/2020 1432 |

| Surrogate | Q | % Rec | Acceptance Limit |
|-------------|---|-------|------------------|
| 13C2_4:2FTS | | 105 | 25-150 |
| 13C2_6:2FTS | | 102 | 25-150 |
| 13C2_8:2FTS | | 96 | 25-150 |
| 13C2_PFDoA | | 87 | 25-150 |
| 13C2_PFHxDA | | 87 | 25-150 |

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS - MB

Sample ID: VQ71189-001

Matrix: Aqueous

Batch: 71189

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 10/26/2020 1547

| Surrogate | Q | % Rec | Acceptance Limit |
|--------------|---|-------|------------------|
| 13C2_PFTeDA | | 92 | 25-150 |
| 13C3_PFBs | | 85 | 25-150 |
| 13C3_PFHxS | | 90 | 25-150 |
| 13C3-HFPO-DA | | 97 | 25-150 |
| 13C4_PFBa | | 98 | 25-150 |
| 13C4_PFHpA | | 102 | 25-150 |
| 13C5_PFHxA | | 95 | 25-150 |
| 13C5_PFPeA | | 96 | 25-150 |
| 13C6_PFDa | | 90 | 25-150 |
| 13C7_PFUdA | | 99 | 25-150 |
| 13C8_PFOA | | 94 | 25-150 |
| 13C8_PFOs | | 84 | 25-150 |
| 13C8_PFOsA | | 90 | 10-150 |
| 13C9_PFNa | | 95 | 25-150 |
| d-EtFOsA | | 66 | 10-150 |
| d5-EtFOsAA | | 85 | 25-150 |
| d9-EtFOsE | | 94 | 10-150 |
| d-MeFOsA | | 64 | 10-150 |
| d3-MeFOsAA | | 91 | 25-150 |
| d7-MeFOsE | | 86 | 10-150 |

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS - LCS

Sample ID: VQ71189-002

Matrix: Aqueous

Batch: 71189

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 10/26/2020 1547

| Parameter | Spike Amount (ng/L) | Result (ng/L) | Q | Dil | % Rec | % Rec Limit | Analysis Date |
|--------------|---------------------|---------------|---|-----|-------|-------------|-----------------|
| 9CI-PF3ONS | 15 | 17 | | 1 | 111 | 50-150 | 10/27/2020 1443 |
| 11CI-PF3OUdS | 15 | 17 | | 1 | 110 | 50-150 | 10/27/2020 1443 |
| 8:2 FTS | 15 | 17 | | 1 | 110 | 50-150 | 10/27/2020 1443 |
| 6:2 FTS | 15 | 16 | | 1 | 105 | 50-150 | 10/27/2020 1443 |
| 10:2 FTS | 15 | 14 | | 1 | 89 | 50-150 | 10/27/2020 1443 |
| 4:2 FTS | 15 | 16 | | 1 | 108 | 50-150 | 10/27/2020 1443 |
| GenX | 32 | 33 | | 1 | 104 | 50-150 | 10/27/2020 1443 |
| ADONA | 15 | 16 | | 1 | 108 | 50-150 | 10/27/2020 1443 |
| EtFOSA | 16 | 18 | | 1 | 111 | 50-150 | 10/27/2020 1443 |
| EtFOSAA | 16 | 18 | | 1 | 115 | 50-150 | 10/27/2020 1443 |
| EtFOSE | 16 | 19 | | 1 | 118 | 50-150 | 10/27/2020 1443 |
| MeFOSA | 16 | 18 | | 1 | 115 | 50-150 | 10/27/2020 1443 |
| MeFOSAA | 16 | 17 | | 1 | 107 | 50-150 | 10/27/2020 1443 |
| MeFOSE | 16 | 15 | | 1 | 94 | 50-150 | 10/27/2020 1443 |
| PFBS | 14 | 15 | | 1 | 104 | 50-150 | 10/27/2020 1443 |
| PFDS | 15 | 15 | | 1 | 96 | 50-150 | 10/27/2020 1443 |
| PFHpS | 15 | 16 | | 1 | 102 | 50-150 | 10/27/2020 1443 |
| PFNS | 15 | 19 | | 1 | 121 | 50-150 | 10/27/2020 1443 |
| PFOSA | 16 | 16 | | 1 | 101 | 50-150 | 10/27/2020 1443 |
| PFPeS | 15 | 16 | | 1 | 105 | 50-150 | 10/27/2020 1443 |
| PFDOS | 15 | 16 | | 1 | 103 | 50-150 | 10/27/2020 1443 |
| PFHxS | 15 | 14 | | 1 | 98 | 50-150 | 10/27/2020 1443 |
| PFBA | 16 | 18 | | 1 | 116 | 50-150 | 10/27/2020 1443 |
| PFDA | 16 | 17 | | 1 | 103 | 50-150 | 10/27/2020 1443 |
| PFDoA | 16 | 17 | | 1 | 106 | 50-150 | 10/27/2020 1443 |
| PFHpA | 16 | 17 | | 1 | 106 | 50-150 | 10/27/2020 1443 |
| PFHxDA | 16 | 18 | | 1 | 112 | 50-150 | 10/27/2020 1443 |
| PFHxA | 16 | 17 | | 1 | 104 | 50-150 | 10/27/2020 1443 |
| PFNA | 16 | 17 | | 1 | 107 | 50-150 | 10/27/2020 1443 |
| PFODA | 16 | 19 | | 1 | 117 | 50-150 | 10/27/2020 1443 |
| PFOA | 16 | 18 | | 1 | 112 | 50-150 | 10/27/2020 1443 |
| PFPeA | 16 | 17 | | 1 | 107 | 50-150 | 10/27/2020 1443 |
| PFTeDA | 16 | 18 | | 1 | 114 | 50-150 | 10/27/2020 1443 |
| PFTrDA | 16 | 18 | | 1 | 111 | 50-150 | 10/27/2020 1443 |
| PFUdA | 16 | 18 | | 1 | 115 | 50-150 | 10/27/2020 1443 |
| PFOS | 15 | 16 | | 1 | 108 | 50-150 | 10/27/2020 1443 |

| Surrogate | Q | % Rec | Acceptance Limit |
|-------------|---|-------|------------------|
| 13C2_4:2FTS | | 85 | 25-150 |
| 13C2_6:2FTS | | 84 | 25-150 |
| 13C2_8:2FTS | | 77 | 25-150 |
| 13C2_PFDoA | | 72 | 25-150 |
| 13C2_PFHxDA | | 73 | 25-150 |

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

PFAS by LC/MS/MS - LCS

Sample ID: VQ71189-002

Matrix: Aqueous

Batch: 71189

Prep Method: SOP SPE

Analytical Method: PFAS by ID SOP

Prep Date: 10/26/2020 1547

| Surrogate | Q | % Rec | Acceptance Limit |
|--------------|---|-------|------------------|
| 13C2_PFTeDA | | 76 | 25-150 |
| 13C3_PFBs | | 75 | 25-150 |
| 13C3_PFHxS | | 82 | 25-150 |
| 13C3-HFPO-DA | | 80 | 25-150 |
| 13C4_PFBa | | 81 | 25-150 |
| 13C4_PFHpA | | 81 | 25-150 |
| 13C5_PFHxA | | 82 | 25-150 |
| 13C5_PFPeA | | 79 | 25-150 |
| 13C6_PFDa | | 79 | 25-150 |
| 13C7_PFUdA | | 82 | 25-150 |
| 13C8_PFOA | | 75 | 25-150 |
| 13C8_PFOs | | 75 | 25-150 |
| 13C8_PFOsA | | 73 | 10-150 |
| 13C9_PFNa | | 78 | 25-150 |
| d-EtFOsA | | 51 | 10-150 |
| d5-EtFOsAA | | 73 | 25-150 |
| d9-EtFOsE | | 70 | 10-150 |
| d-MeFOsA | | 48 | 10-150 |
| d3-MeFOsAA | | 75 | 25-150 |
| d7-MeFOsE | | 69 | 10-150 |

LOQ = Limit of Quantitation

ND = Not detected at or above the DL

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and ≥ DL

P = The RPD between two GC columns exceeds 40%

* = RSD is out of criteria

+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

**Chain of Custody
and
Miscellaneous Documents**

Internal Transfer Chain of Custody

Samples Pre-Logged into eCOC.

State Of Origin: WI
 Cert. Needed: Yes No
 Owner Received Date: 10/13/2020 Results Requested By: 11/3/2020



Workorder: 40216441 Workorder Name: 2004400 WAUSAU-1300 CLEVELAND

| Report To: | Subcontract To: | Requested Analysis: |
|------------|-----------------|---------------------|
|------------|-----------------|---------------------|

Christopher Hyska
 Pace Analytical Green Bay
 1241 Bellevue Street
 Suite 9
 Green Bay, WI 54302
 Phone (920)469-2436

Pace Analytical West Columbia
 106 Vantage Point Drive
 West Columbia, SC 29172
 Phone (803)791-9700



VJ15045

KLC2

LAB USE ONLY

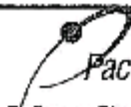
| Item | Sample ID | Sample Type | Collect Date/Time | Lab ID | Matrix | Volume | Preserved Containers | | | | PFAS WI 36 BY ID |
|------|----------------|-------------|-------------------|-------------|--------|--------|----------------------|--|--|--|------------------|
| | | | | | | | | | | | |
| 1 | SB-2 (0'-1') | PS | 10/12/2020 15:20 | 40216441001 | Solid | 2 | | | | | X |
| 2 | SB-4 (0'-12") | PS | 10/12/2020 14:00 | 40216441002 | Solid | 2 | | | | | X |
| 3 | SB-8 (0'-4') | PS | 10/12/2020 14:30 | 40216441003 | Solid | 2 | | | | | X |
| 4 | SB-14 (0'-4') | PS | 10/12/2020 15:55 | 40216441004 | Solid | 2 | | | | | X |
| 5 | SB-15 (0'-12") | PS | 10/12/2020 16:50 | 40216441005 | Solid | 2 | | | | | X |
| 6 | SB-10 (0'-12") | PS | 10/12/2020 18:30 | 40216441006 | Solid | 2 | | | | | X |
| 7 | EQUIP RI ANK | PS | 10/12/2020 13:40 | 40216441007 | Water | 2 | | | | | X |

| Transfers | Released By | Date/Time | Received By | Date/Time | Comments |
|-----------|--------------------|----------------|--------------------|----------------|----------|
| 1 | <i>[Signature]</i> | 10/14/20 16:00 | | | |
| 2 | | | | | |
| 3 | FED Exp | 10/15/20 10:30 | <i>[Signature]</i> | 10/15/20 10:30 | |

Cooler Temperature on Receipt: 3.8 °C Custody Seal Y or N: Received on Ice Y or N: Samples Intact Y or N:

***In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.
 This chain of custody is considered complete as is since this information is available in the owner laboratory.

PACE ANALYTICAL SERVICES, LLC

| | | |
|--|--|--|
|  Pace Analytical® 1241 Bellevue Street, Green Bay, WI 54302 | Document Name: Sample Condition Upon Receipt (SCUR) | Document Revised: 26Mar2020 |
| | Document No.: ENV-FRM-GBAY-0014-Rev.00 | Author: Pace Green Bay Quality Office |

Sample Condition Upon Receipt Form (SCUR)

Project #:

 Client Name: GEI

 Courier: CS Logistics Fed Ex Speedee UPS Walco

 Client Pace Other: _____

Tracking #: _____

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

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

 Packing Material: Bubble Wrap Bubble Bags None Other

 Thermometer Used SR - NA Type of Ice: Wet Blue Dry None

 Cooler Temperature Uncorr: 20.1 /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 if shipped on Dry Ice.

WO#: 40216441



40216441

| | | |
|---|--|------------------|
| 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 2. |
| Chain of Custody Relinquished: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 3. |
| 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 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 type="checkbox"/> Yes <input checked="" 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>SW</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): | | |

Person examining contents:

Date: 10/13/20 Initials: DB

Labeled by Initials: _____

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 log

(Please Print Clearly)

Company Name: GEI Consultants
 Branch/Location: Green Bay, WI
 Project Contact: Mike DeBraske
 Home: (920) 412-4779
 Project Number: 2004400
 Project Name: Wausau-1300 Cleveland Ave
 Project State: WI
 Sampled By (Print): Mike DeBraske / *CAUTION READ USE*
 Sampled By (Sign): *MD*



UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-468-2436

CHAIN OF CUSTODY

**Preservation Codes*
 A=None B=HCL C=H2SO4 D=HNO3 E=Cl Water F=Methanol G=NaOH
 H=Potassium Resulfate Solution I=Potassium Thiocyanate J=Other

| Filtered? (YES/NO) | Y/N | N | | | | | | | | | | | | | | | | | | |
|----------------------|--------------------|-------|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Preservation (CODE)* | Pres. Letter: | A | | | | | | | | | | | | | | | | | | |
| Regulatory Program: | Analyses Requested | IPFAS | W | M | S | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

COC No.

Quote #: 00082216
 Mail To Contact: Mike DeBraske
 Mail To Company: GEI Consultants
 Mail To Address: 3159 Voyager Drive Green Bay, WI 54311
 Invoice To Contact: Mike DeBraske
 Invoice To Company: GEI Consultants
 Invoice To Address: 3159 Voyager Drive Green Bay, WI 54311
 Invoice To Phone: (920) 455-8200

CLIENT COMMENTS LAB COMMENTS (Lab Use Only) Profile #

Matrix Codes
 W - Water DW - Drinking Water
 CW - Ground Water SW - Surface Water
 WW - Waste Water WP - Wipe
 A = Air B = HCL C = H2SO4 D = HNO3 E = Cl Water F = Methanol G = NaOH
 H = Potassium Resulfate Solution I = Potassium Thiocyanate J = Other

MS/MSD
 On your sample (billable)
 EPA Level III
 EPA Level IV
 NOT needed on your sample

| ACE LAB # | CLIENT FIELD ID | COLLECTION DATE | TIME | MATRIX | IPFAS | W | M | S |
|-----------|-----------------|-----------------|-------|--------|-------|---|---|---|
| 001 | SB-2 (0'-4') | 10/12 | 15:20 | S | X | | | |
| 002 | SB-4 (8'-12') | | 14:00 | | | | | |
| 003 | SB-8 (0'-4') | | 14:30 | | | | | |
| 004 | SB-14 (0'-4') | | 15:55 | | | | | |
| 005 | SB-15 (8'-12') | | 16:50 | | | | | |
| 006 | SB-19 (8'-12') | | 16:30 | V | | | | |
| 007 | Equip BLANK | | 13:40 | W | | | | |

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)
 Date Needed: Requested By: *Caroline Krueger* Date/Time: *10-13-20 15:39* Received By: *Maddie Z. Pothol* Date/Time: *10-13-20 15:39*

Transmit Prelim Rush Results by (complete what you want):
 mail #1: Requested By: Date/Time: Received By: Date/Time:
 mail #2: Requested By: Date/Time: Received By: Date/Time:
 telephone: Requested By: Date/Time: Received By: Date/Time:
 fax: Requested By: Date/Time: Received By: Date/Time:

SAMPLES ON HOLD ARE SUBJECT TO SPECIAL PRICING AND RELEASE OF LIABILITY

FACE Project No. *40216441*
 Receipt Temp = *ROE* °C
 Sample Receipt pH: *OK / Adjusted*
 Cooler Custody Seal Present / *Not Present* / Intact / *Not Intact*

T=3.8

PACE ANALYTICAL SERVICES, LLC



Samples Receipt Checklist (SRC) (ME0018C-15)

Revised: 9/29/2020

Issuing Authority: Pace ENV - WCOL

Page 1 of 1

Sample Receipt Checklist (SRC)

Client: PACB

Cooler Inspected by/date: KBS / 10/15/2020

Lot #: VJ15045

| | |
|--|---|
| Means of receipt: <input type="checkbox"/> Pace <input type="checkbox"/> Client <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Other: _____ | |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 1. Were custody seals present on the cooler? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | 2. If custody seals were present, were they intact and unbroken? |
| pH Strip ID: NA Chlorine Strip ID: NA Tested by: NA | |
| Original temperature upon receipt / Derived (Corrected) temperature upon receipt %Solid Snap-Cup ID: 20-2056 | |
| 3.8 / 3.8 °C NA / NA °C NA / NA °C NA / NA °C | |
| Method: <input type="checkbox"/> Temperature Blank <input checked="" type="checkbox"/> Against Bottles IR Gun ID: 5 IR Gun Correction Factor: 0 °C | |
| Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Ice Packs <input type="checkbox"/> Dry Ice <input type="checkbox"/> None | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA | 3. If temperature of any cooler exceeded 6.0°C, was Project Manager Notified? PM was Notified by: phone / email / face-to-face (circle one). |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | 4. Is the commercial courier's packing slip attached to this form? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 5. Were proper custody procedures (relinquished/received) followed? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 6. Were sample IDs listed on the COC? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 7. Were sample IDs listed on all sample containers? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 8. Was collection date & time listed on the COC? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 9. Was collection date & time listed on all sample containers? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 10. Did all container label information (ID, date, time) agree with the COC? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 11. Were tests to be performed listed on the COC? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)? |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 13. Was adequate sample volume available? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 14. Were all samples received within ½ the holding time or 48 hours, whichever comes first? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 15. Were any samples containers missing/excess (circle one) samples Not listed on COC? |
| <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA | 16. For VOA and RSK-175 samples, were bubbles present >"pea-size" (¼" or 6mm in diameter) in any of the VOA vials? |
| <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA | 17. Were all DRO/metals/nutrient samples received at a pH of < 2? |
| <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA | 18. Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9? |
| <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA | 19. Were all applicable NH ₃ /TKN/cyanide/phenol/625.1/608.3 (< 0.5mg/L) samples free of residual chlorine? |
| <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA | 20. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 21. Was the quote number listed on the container label? If yes, Quote # |
| Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.) | |
| Sample(s) NA were received incorrectly preserved and were adjusted accordingly in sample receiving with NA mL of circle one: H2SO4, HNO3, HCl, NaOH using SR # NA | |
| Time of preservation NA. If more than one preservative is needed, please note in the comments below. | |
| Sample(s) NA were received with bubbles >6 mm in diameter. | |
| Samples(s) NA were received with TRC > 0.5 mg/L (If #19 is no) and were adjusted accordingly in sample receiving with sodium thiosulfate (Na ₂ S ₂ O ₃) with Shealy ID: NA | |
| SR barcode labels applied by: KBS Date: 10/15/2020 | |

Comments:

October 22, 2020

Mike Debraske
GEI Consultants, Inc.
3159 Voyager Drive
Green Bay, WI 54311

RE: Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216436

Dear Mike Debraske:

Enclosed are the analytical results for sample(s) received by the laboratory on October 13, 2020. 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,



Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|-------------|------------|--------|----------------|----------------|
| 40216436001 | SBGW-1 | Water | 10/12/20 08:30 | 10/13/20 15:39 |
| 40216436002 | SBGW-2 | Water | 10/12/20 10:15 | 10/13/20 15:39 |
| 40216436003 | SBGW-3 | Water | 10/12/20 12:30 | 10/13/20 15:39 |
| 40216436004 | TRIP BLANK | Water | 10/12/20 00:00 | 10/13/20 15:39 |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216436

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|------------|-----------------|----------|-------------------|------------|
| 40216436001 | SBGW-1 | EPA 6020 | KXS | 12 | PASI-G |
| | | EPA 7470 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 7 | PASI-G |
| | | EPA 8270 by HVI | JJJ | 20 | PASI-G |
| | | EPA 8260 | HNW | 64 | PASI-G |
| 40216436002 | SBGW-2 | EPA 6020 | KXS | 12 | PASI-G |
| | | EPA 7470 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 7 | PASI-G |
| | | EPA 8270 by HVI | JJJ | 20 | PASI-G |
| | | EPA 8260 | HNW | 64 | PASI-G |
| 40216436003 | SBGW-3 | EPA 6020 | KXS | 12 | PASI-G |
| | | EPA 7470 | AJT | 1 | PASI-G |
| | | EPA 8270 | RJN | 7 | PASI-G |
| | | EPA 8270 by HVI | JJJ | 20 | PASI-G |
| | | EPA 8260 | HNW | 64 | PASI-G |
| 40216436004 | TRIP BLANK | EPA 8260 | HNW | 64 | PASI-G |

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SUMMARY OF DETECTION

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

| Lab Sample ID Method | Client Sample ID Parameters | Result | Units | Report Limit | Analyzed | Qualifiers |
|-------------------------|--------------------------------|---------|-------|--------------|----------------|------------|
| 40216436001 | SBGW-1 | | | | | |
| EPA 6020 | Arsenic | 0.45J | ug/L | 1.0 | 10/19/20 20:35 | |
| EPA 6020 | Copper | 6.8 | ug/L | 6.4 | 10/19/20 20:35 | |
| EPA 6020 | Nickel | 1.0 | ug/L | 1.0 | 10/19/20 20:35 | |
| EPA 8270 by HVI | Anthracene | 0.082 | ug/L | 0.047 | 10/15/20 15:58 | |
| EPA 8270 by HVI | Benzo(a)anthracene | 0.011J | ug/L | 0.034 | 10/15/20 15:58 | |
| EPA 8270 by HVI | Chrysene | 0.027J | ug/L | 0.059 | 10/15/20 15:58 | |
| EPA 8270 by HVI | Fluoranthene | 0.010J | ug/L | 0.048 | 10/15/20 15:58 | |
| EPA 8270 by HVI | Phenanthrene | 0.095 | ug/L | 0.062 | 10/15/20 15:58 | B |
| EPA 8270 by HVI | Pyrene | 0.014J | ug/L | 0.034 | 10/15/20 15:58 | |
| 40216436002 | SBGW-2 | | | | | |
| EPA 6020 | Nickel | 5.7 | ug/L | 1.0 | 10/19/20 20:42 | |
| EPA 8270 by HVI | Anthracene | 0.090 | ug/L | 0.049 | 10/15/20 16:17 | |
| EPA 8270 by HVI | Chrysene | 0.020J | ug/L | 0.061 | 10/15/20 16:17 | |
| EPA 8270 by HVI | Fluoranthene | 0.013J | ug/L | 0.050 | 10/15/20 16:17 | |
| EPA 8270 by HVI | Phenanthrene | 0.072 | ug/L | 0.064 | 10/15/20 16:17 | B |
| EPA 8270 by HVI | Pyrene | 0.018J | ug/L | 0.036 | 10/15/20 16:17 | |
| 40216436003 | SBGW-3 | | | | | |
| EPA 6020 | Nickel | 9.7 | ug/L | 1.0 | 10/19/20 20:49 | |
| EPA 8270 by HVI | Anthracene | 0.26 | ug/L | 0.047 | 10/15/20 16:36 | |
| EPA 8270 by HVI | Benzo(a)anthracene | 0.010J | ug/L | 0.034 | 10/15/20 16:36 | |
| EPA 8270 by HVI | Benzo(b)fluoranthene | 0.0054J | ug/L | 0.026 | 10/15/20 16:36 | |
| EPA 8270 by HVI | Chrysene | 0.052J | ug/L | 0.058 | 10/15/20 16:36 | |
| EPA 8270 by HVI | Fluoranthene | 0.017J | ug/L | 0.048 | 10/15/20 16:36 | |
| EPA 8270 by HVI | Fluorene | 0.030J | ug/L | 0.036 | 10/15/20 16:36 | |
| EPA 8270 by HVI | Phenanthrene | 0.044J | ug/L | 0.062 | 10/15/20 16:36 | B |
| EPA 8270 by HVI | Pyrene | 0.020J | ug/L | 0.034 | 10/15/20 16:36 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

Sample: SBGW-1 **Lab ID: 40216436001** Collected: 10/12/20 08:30 Received: 10/13/20 15:39 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 6020 MET ICPMS | | | | | | | | | |
| Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.15 | ug/L | 1.0 | 0.15 | 1 | 10/15/20 06:39 | 10/19/20 20:35 | 7440-36-0 | |
| Arsenic | 0.45J | ug/L | 1.0 | 0.28 | 1 | 10/15/20 06:39 | 10/19/20 20:35 | 7440-38-2 | |
| Beryllium | <0.25 | ug/L | 1.0 | 0.25 | 1 | 10/15/20 06:39 | 10/19/20 20:35 | 7440-41-7 | |
| Cadmium | <0.15 | ug/L | 1.0 | 0.15 | 1 | 10/15/20 06:39 | 10/19/20 20:35 | 7440-43-9 | |
| Chromium | <1.0 | ug/L | 3.4 | 1.0 | 1 | 10/15/20 06:39 | 10/19/20 20:35 | 7440-47-3 | |
| Copper | 6.8 | ug/L | 6.4 | 1.9 | 1 | 10/15/20 06:39 | 10/19/20 20:35 | 7440-50-8 | |
| Lead | <0.24 | ug/L | 1.0 | 0.24 | 1 | 10/15/20 06:39 | 10/19/20 20:35 | 7439-92-1 | |
| Nickel | 1.0 | ug/L | 1.0 | 0.28 | 1 | 10/15/20 06:39 | 10/19/20 20:35 | 7440-02-0 | |
| Selenium | <0.32 | ug/L | 1.1 | 0.32 | 1 | 10/15/20 06:39 | 10/19/20 20:35 | 7782-49-2 | |
| Silver | <0.13 | ug/L | 0.50 | 0.13 | 1 | 10/15/20 06:39 | 10/19/20 20:35 | 7440-22-4 | |
| Thallium | <0.14 | ug/L | 1.0 | 0.14 | 1 | 10/15/20 06:39 | 10/19/20 20:35 | 7440-28-0 | |
| Zinc | <10.3 | ug/L | 34.4 | 10.3 | 1 | 10/15/20 06:39 | 10/19/20 20:35 | 7440-66-6 | |
| 7470 Mercury | | | | | | | | | |
| Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.066 | ug/L | 0.20 | 0.066 | 1 | 10/14/20 10:10 | 10/15/20 10:12 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Green Bay | | | | | | | | | |
| Pentachlorophenol | <4.3 | ug/L | 14.3 | 4.3 | 1 | 10/15/20 13:49 | 10/21/20 12:23 | 87-86-5 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 69 | % | 41-118 | | 1 | 10/15/20 13:49 | 10/21/20 12:23 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 67 | % | 54-107 | | 1 | 10/15/20 13:49 | 10/21/20 12:23 | 321-60-8 | |
| Terphenyl-d14 (S) | 92 | % | 51-129 | | 1 | 10/15/20 13:49 | 10/21/20 12:23 | 1718-51-0 | |
| Phenol-d6 (S) | 27 | % | 12-120 | | 1 | 10/15/20 13:49 | 10/21/20 12:23 | 13127-88-3 | |
| 2-Fluorophenol (S) | 39 | % | 23-69 | | 1 | 10/15/20 13:49 | 10/21/20 12:23 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 75 | % | 62-172 | | 1 | 10/15/20 13:49 | 10/21/20 12:23 | 118-79-6 | |
| 8270 MSSV PAH by HVI | | | | | | | | | |
| Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510 Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <0.0055 | ug/L | 0.027 | 0.0055 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 83-32-9 | |
| Acenaphthylene | <0.0045 | ug/L | 0.022 | 0.0045 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 208-96-8 | |
| Anthracene | 0.082 | ug/L | 0.047 | 0.0094 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 120-12-7 | |
| Benzo(a)anthracene | 0.011J | ug/L | 0.034 | 0.0068 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 56-55-3 | |
| Benzo(a)pyrene | <0.0095 | ug/L | 0.047 | 0.0095 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 50-32-8 | |
| Benzo(b)fluoranthene | <0.0052 | ug/L | 0.026 | 0.0052 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.0061 | ug/L | 0.031 | 0.0061 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 191-24-2 | |
| Benzo(k)fluoranthene | <0.0068 | ug/L | 0.034 | 0.0068 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 207-08-9 | |
| Chrysene | 0.027J | ug/L | 0.059 | 0.012 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 218-01-9 | |
| Dibenz(a,h)anthracene | <0.0090 | ug/L | 0.045 | 0.0090 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 53-70-3 | |
| Fluoranthene | 0.010J | ug/L | 0.048 | 0.0096 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 206-44-0 | |
| Fluorene | <0.0072 | ug/L | 0.036 | 0.0072 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <0.016 | ug/L | 0.079 | 0.016 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 193-39-5 | |
| 1-Methylnaphthalene | <0.0053 | ug/L | 0.027 | 0.0053 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 90-12-0 | |
| 2-Methylnaphthalene | <0.0044 | ug/L | 0.022 | 0.0044 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 91-57-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

Sample: SBGW-1 **Lab ID: 40216436001** Collected: 10/12/20 08:30 Received: 10/13/20 15:39 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8270 MSSV PAH by HVI | | | | | | | | | |
| Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Naphthalene | <0.017 | ug/L | 0.083 | 0.017 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 91-20-3 | |
| Phenanthrene | 0.095 | ug/L | 0.062 | 0.012 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 85-01-8 | B |
| Pyrene | 0.014J | ug/L | 0.034 | 0.0069 | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| 2-Fluorobiphenyl (S) | 48 | % | 39-120 | | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 321-60-8 | |
| Terphenyl-d14 (S) | 72 | % | 10-159 | | 1 | 10/14/20 14:33 | 10/15/20 15:58 | 1718-51-0 | |
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 10/20/20 11:00 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 10/20/20 11:00 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 10/20/20 11:00 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 10/20/20 11:00 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 10/20/20 11:00 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 10/20/20 11:00 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 10/20/20 11:00 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 10/20/20 11:00 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 10/20/20 11:00 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 10/20/20 11:00 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 10/20/20 11:00 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 10/20/20 11:00 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 10/20/20 11:00 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 10/20/20 11:00 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 10/20/20 11:00 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 10/20/20 11:00 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 10/20/20 11:00 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 10/20/20 11:00 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 10/20/20 11:00 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 10/20/20 11:00 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 10/20/20 11:00 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 10/20/20 11:00 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 10/20/20 11:00 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 10/20/20 11:00 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 11:00 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 10/20/20 11:00 | 107-06-2 | |
| 1,1-Dichloroethene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 10/20/20 11:00 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 11:00 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.46 | ug/L | 1.5 | 0.46 | 1 | | 10/20/20 11:00 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 10/20/20 11:00 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 10/20/20 11:00 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 10/20/20 11:00 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 10/20/20 11:00 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 10/20/20 11:00 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 10/20/20 11:00 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 10/20/20 11:00 | 108-20-3 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

Sample: SBGW-1 **Lab ID: 40216436001** Collected: 10/12/20 08:30 Received: 10/13/20 15:39 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 10/20/20 11:00 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 10/20/20 11:00 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 10/20/20 11:00 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 10/20/20 11:00 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 10/20/20 11:00 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 10/20/20 11:00 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 10/20/20 11:00 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 10/20/20 11:00 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 10/20/20 11:00 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 11:00 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 10/20/20 11:00 | 79-34-5 | |
| Tetrachloroethene | <0.33 | ug/L | 1.1 | 0.33 | 1 | | 10/20/20 11:00 | 127-18-4 | |
| Toluene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 11:00 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 10/20/20 11:00 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 10/20/20 11:00 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 10/20/20 11:00 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 10/20/20 11:00 | 79-00-5 | |
| Trichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 10/20/20 11:00 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 10/20/20 11:00 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 10/20/20 11:00 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 10/20/20 11:00 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 10/20/20 11:00 | 108-67-8 | |
| Vinyl chloride | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 10/20/20 11:00 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 10/20/20 11:00 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 10/20/20 11:00 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 99 | % | 70-130 | | 1 | | 10/20/20 11:00 | 460-00-4 | |
| Dibromofluoromethane (S) | 106 | % | 70-130 | | 1 | | 10/20/20 11:00 | 1868-53-7 | |
| Toluene-d8 (S) | 102 | % | 70-130 | | 1 | | 10/20/20 11:00 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

Sample: SBGW-2 **Lab ID: 40216436002** Collected: 10/12/20 10:15 Received: 10/13/20 15:39 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 6020 MET ICPMS | | | | | | | | | |
| Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.15 | ug/L | 1.0 | 0.15 | 1 | 10/15/20 06:39 | 10/19/20 20:42 | 7440-36-0 | |
| Arsenic | <0.28 | ug/L | 1.0 | 0.28 | 1 | 10/15/20 06:39 | 10/19/20 20:42 | 7440-38-2 | |
| Beryllium | <0.25 | ug/L | 1.0 | 0.25 | 1 | 10/15/20 06:39 | 10/19/20 20:42 | 7440-41-7 | |
| Cadmium | <0.15 | ug/L | 1.0 | 0.15 | 1 | 10/15/20 06:39 | 10/19/20 20:42 | 7440-43-9 | |
| Chromium | <1.0 | ug/L | 3.4 | 1.0 | 1 | 10/15/20 06:39 | 10/19/20 20:42 | 7440-47-3 | |
| Copper | <1.9 | ug/L | 6.4 | 1.9 | 1 | 10/15/20 06:39 | 10/19/20 20:42 | 7440-50-8 | |
| Lead | <0.24 | ug/L | 1.0 | 0.24 | 1 | 10/15/20 06:39 | 10/19/20 20:42 | 7439-92-1 | |
| Nickel | 5.7 | ug/L | 1.0 | 0.28 | 1 | 10/15/20 06:39 | 10/19/20 20:42 | 7440-02-0 | |
| Selenium | <0.32 | ug/L | 1.1 | 0.32 | 1 | 10/15/20 06:39 | 10/19/20 20:42 | 7782-49-2 | |
| Silver | <0.13 | ug/L | 0.50 | 0.13 | 1 | 10/15/20 06:39 | 10/19/20 20:42 | 7440-22-4 | |
| Thallium | <0.14 | ug/L | 1.0 | 0.14 | 1 | 10/15/20 06:39 | 10/19/20 20:42 | 7440-28-0 | |
| Zinc | <10.3 | ug/L | 34.4 | 10.3 | 1 | 10/15/20 06:39 | 10/19/20 20:42 | 7440-66-6 | |
| 7470 Mercury | | | | | | | | | |
| Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.066 | ug/L | 0.20 | 0.066 | 1 | 10/14/20 10:10 | 10/15/20 10:19 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Green Bay | | | | | | | | | |
| Pentachlorophenol | <4.4 | ug/L | 14.8 | 4.4 | 1 | 10/15/20 13:49 | 10/21/20 12:44 | 87-86-5 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 73 | % | 41-118 | | 1 | 10/15/20 13:49 | 10/21/20 12:44 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 74 | % | 54-107 | | 1 | 10/15/20 13:49 | 10/21/20 12:44 | 321-60-8 | |
| Terphenyl-d14 (S) | 89 | % | 51-129 | | 1 | 10/15/20 13:49 | 10/21/20 12:44 | 1718-51-0 | |
| Phenol-d6 (S) | 29 | % | 12-120 | | 1 | 10/15/20 13:49 | 10/21/20 12:44 | 13127-88-3 | |
| 2-Fluorophenol (S) | 45 | % | 23-69 | | 1 | 10/15/20 13:49 | 10/21/20 12:44 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 93 | % | 62-172 | | 1 | 10/15/20 13:49 | 10/21/20 12:44 | 118-79-6 | |
| 8270 MSSV PAH by HVI | | | | | | | | | |
| Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510 Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <0.0057 | ug/L | 0.028 | 0.0057 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 83-32-9 | |
| Acenaphthylene | <0.0047 | ug/L | 0.023 | 0.0047 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 208-96-8 | |
| Anthracene | 0.090 | ug/L | 0.049 | 0.0098 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 120-12-7 | |
| Benzo(a)anthracene | <0.0071 | ug/L | 0.035 | 0.0071 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 56-55-3 | |
| Benzo(a)pyrene | <0.0098 | ug/L | 0.049 | 0.0098 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 50-32-8 | |
| Benzo(b)fluoranthene | <0.0054 | ug/L | 0.027 | 0.0054 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.0063 | ug/L | 0.032 | 0.0063 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 191-24-2 | |
| Benzo(k)fluoranthene | <0.0071 | ug/L | 0.035 | 0.0071 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 207-08-9 | |
| Chrysene | 0.020J | ug/L | 0.061 | 0.012 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 218-01-9 | |
| Dibenz(a,h)anthracene | <0.0094 | ug/L | 0.047 | 0.0094 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 53-70-3 | |
| Fluoranthene | 0.013J | ug/L | 0.050 | 0.010 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 206-44-0 | |
| Fluorene | <0.0074 | ug/L | 0.037 | 0.0074 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <0.016 | ug/L | 0.082 | 0.016 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 193-39-5 | |
| 1-Methylnaphthalene | <0.0055 | ug/L | 0.028 | 0.0055 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 90-12-0 | |
| 2-Methylnaphthalene | <0.0046 | ug/L | 0.023 | 0.0046 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 91-57-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

Sample: SBGW-2 **Lab ID: 40216436002** Collected: 10/12/20 10:15 Received: 10/13/20 15:39 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8270 MSSV PAH by HVI | | | | | | | | | |
| Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Naphthalene | <0.017 | ug/L | 0.086 | 0.017 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 91-20-3 | |
| Phenanthrene | 0.072 | ug/L | 0.064 | 0.013 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 85-01-8 | B |
| Pyrene | 0.018J | ug/L | 0.036 | 0.0071 | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| 2-Fluorobiphenyl (S) | 63 | % | 39-120 | | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 321-60-8 | |
| Terphenyl-d14 (S) | 87 | % | 10-159 | | 1 | 10/14/20 14:33 | 10/15/20 16:17 | 1718-51-0 | |
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 10/20/20 11:21 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 10/20/20 11:21 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 10/20/20 11:21 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 10/20/20 11:21 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 10/20/20 11:21 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 10/20/20 11:21 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 10/20/20 11:21 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 10/20/20 11:21 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 10/20/20 11:21 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 10/20/20 11:21 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 10/20/20 11:21 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 10/20/20 11:21 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 10/20/20 11:21 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 10/20/20 11:21 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 10/20/20 11:21 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 10/20/20 11:21 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 10/20/20 11:21 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 10/20/20 11:21 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 10/20/20 11:21 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 10/20/20 11:21 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 10/20/20 11:21 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 10/20/20 11:21 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 10/20/20 11:21 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 10/20/20 11:21 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 11:21 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 10/20/20 11:21 | 107-06-2 | |
| 1,1-Dichloroethene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 10/20/20 11:21 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 11:21 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.46 | ug/L | 1.5 | 0.46 | 1 | | 10/20/20 11:21 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 10/20/20 11:21 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 10/20/20 11:21 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 10/20/20 11:21 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 10/20/20 11:21 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 10/20/20 11:21 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 10/20/20 11:21 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 10/20/20 11:21 | 108-20-3 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

Sample: SBGW-2 **Lab ID: 40216436002** Collected: 10/12/20 10:15 Received: 10/13/20 15:39 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 10/20/20 11:21 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 10/20/20 11:21 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 10/20/20 11:21 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 10/20/20 11:21 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 10/20/20 11:21 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 10/20/20 11:21 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 10/20/20 11:21 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 10/20/20 11:21 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 10/20/20 11:21 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 11:21 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 10/20/20 11:21 | 79-34-5 | |
| Tetrachloroethene | <0.33 | ug/L | 1.1 | 0.33 | 1 | | 10/20/20 11:21 | 127-18-4 | |
| Toluene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 11:21 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 10/20/20 11:21 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 10/20/20 11:21 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 10/20/20 11:21 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 10/20/20 11:21 | 79-00-5 | |
| Trichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 10/20/20 11:21 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 10/20/20 11:21 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 10/20/20 11:21 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 10/20/20 11:21 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 10/20/20 11:21 | 108-67-8 | |
| Vinyl chloride | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 10/20/20 11:21 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 10/20/20 11:21 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 10/20/20 11:21 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 100 | % | 70-130 | | 1 | | 10/20/20 11:21 | 460-00-4 | |
| Dibromofluoromethane (S) | 106 | % | 70-130 | | 1 | | 10/20/20 11:21 | 1868-53-7 | |
| Toluene-d8 (S) | 104 | % | 70-130 | | 1 | | 10/20/20 11:21 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

Sample: SBGW-3 **Lab ID: 40216436003** Collected: 10/12/20 12:30 Received: 10/13/20 15:39 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 6020 MET ICPMS | | | | | | | | | |
| Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Green Bay | | | | | | | | | |
| Antimony | <0.15 | ug/L | 1.0 | 0.15 | 1 | 10/15/20 06:39 | 10/19/20 20:49 | 7440-36-0 | |
| Arsenic | <0.28 | ug/L | 1.0 | 0.28 | 1 | 10/15/20 06:39 | 10/19/20 20:49 | 7440-38-2 | |
| Beryllium | <0.25 | ug/L | 1.0 | 0.25 | 1 | 10/15/20 06:39 | 10/19/20 20:49 | 7440-41-7 | |
| Cadmium | <0.15 | ug/L | 1.0 | 0.15 | 1 | 10/15/20 06:39 | 10/19/20 20:49 | 7440-43-9 | |
| Chromium | <1.0 | ug/L | 3.4 | 1.0 | 1 | 10/15/20 06:39 | 10/19/20 20:49 | 7440-47-3 | |
| Copper | <1.9 | ug/L | 6.4 | 1.9 | 1 | 10/15/20 06:39 | 10/19/20 20:49 | 7440-50-8 | |
| Lead | <0.24 | ug/L | 1.0 | 0.24 | 1 | 10/15/20 06:39 | 10/19/20 20:49 | 7439-92-1 | |
| Nickel | 9.7 | ug/L | 1.0 | 0.28 | 1 | 10/15/20 06:39 | 10/19/20 20:49 | 7440-02-0 | |
| Selenium | <0.32 | ug/L | 1.1 | 0.32 | 1 | 10/15/20 06:39 | 10/19/20 20:49 | 7782-49-2 | |
| Silver | <0.13 | ug/L | 0.50 | 0.13 | 1 | 10/15/20 06:39 | 10/19/20 20:49 | 7440-22-4 | |
| Thallium | <0.14 | ug/L | 1.0 | 0.14 | 1 | 10/15/20 06:39 | 10/19/20 20:49 | 7440-28-0 | |
| Zinc | <10.3 | ug/L | 34.4 | 10.3 | 1 | 10/15/20 06:39 | 10/19/20 20:49 | 7440-66-6 | |
| 7470 Mercury | | | | | | | | | |
| Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay | | | | | | | | | |
| Mercury | <0.066 | ug/L | 0.20 | 0.066 | 1 | 10/14/20 10:10 | 10/15/20 10:26 | 7439-97-6 | |
| 8270 MSSV Semivolatile Organic | | | | | | | | | |
| Analytical Method: EPA 8270 Preparation Method: EPA 3510 Pace Analytical Services - Green Bay | | | | | | | | | |
| Pentachlorophenol | <4.3 | ug/L | 14.3 | 4.3 | 1 | 10/15/20 13:49 | 10/21/20 13:05 | 87-86-5 | |
| Surrogates | | | | | | | | | |
| Nitrobenzene-d5 (S) | 63 | % | 41-118 | | 1 | 10/15/20 13:49 | 10/21/20 13:05 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 68 | % | 54-107 | | 1 | 10/15/20 13:49 | 10/21/20 13:05 | 321-60-8 | |
| Terphenyl-d14 (S) | 90 | % | 51-129 | | 1 | 10/15/20 13:49 | 10/21/20 13:05 | 1718-51-0 | |
| Phenol-d6 (S) | 25 | % | 12-120 | | 1 | 10/15/20 13:49 | 10/21/20 13:05 | 13127-88-3 | |
| 2-Fluorophenol (S) | 41 | % | 23-69 | | 1 | 10/15/20 13:49 | 10/21/20 13:05 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 101 | % | 62-172 | | 1 | 10/15/20 13:49 | 10/21/20 13:05 | 118-79-6 | |
| 8270 MSSV PAH by HVI | | | | | | | | | |
| Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510 Pace Analytical Services - Green Bay | | | | | | | | | |
| Acenaphthene | <0.0054 | ug/L | 0.027 | 0.0054 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 83-32-9 | |
| Acenaphthylene | <0.0044 | ug/L | 0.022 | 0.0044 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 208-96-8 | |
| Anthracene | 0.26 | ug/L | 0.047 | 0.0093 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 120-12-7 | |
| Benzo(a)anthracene | 0.010J | ug/L | 0.034 | 0.0067 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 56-55-3 | |
| Benzo(a)pyrene | <0.0094 | ug/L | 0.047 | 0.0094 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 50-32-8 | |
| Benzo(b)fluoranthene | 0.0054J | ug/L | 0.026 | 0.0051 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 205-99-2 | |
| Benzo(g,h,i)perylene | <0.0061 | ug/L | 0.030 | 0.0061 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 191-24-2 | |
| Benzo(k)fluoranthene | <0.0067 | ug/L | 0.034 | 0.0067 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 207-08-9 | |
| Chrysene | 0.052J | ug/L | 0.058 | 0.012 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 218-01-9 | |
| Dibenz(a,h)anthracene | <0.0089 | ug/L | 0.045 | 0.0089 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 53-70-3 | |
| Fluoranthene | 0.017J | ug/L | 0.048 | 0.0095 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 206-44-0 | |
| Fluorene | 0.030J | ug/L | 0.036 | 0.0071 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | <0.016 | ug/L | 0.079 | 0.016 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 193-39-5 | |
| 1-Methylnaphthalene | <0.0053 | ug/L | 0.026 | 0.0053 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 90-12-0 | |
| 2-Methylnaphthalene | <0.0044 | ug/L | 0.022 | 0.0044 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 91-57-6 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

Sample: SBGW-3 **Lab ID: 40216436003** Collected: 10/12/20 12:30 Received: 10/13/20 15:39 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|--------|----|----------------|----------------|------------|------|
| 8270 MSSV PAH by HVI | | | | | | | | | |
| Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Naphthalene | <0.016 | ug/L | 0.082 | 0.016 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 91-20-3 | |
| Phenanthrene | 0.044J | ug/L | 0.062 | 0.012 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 85-01-8 | B |
| Pyrene | 0.020J | ug/L | 0.034 | 0.0068 | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| 2-Fluorobiphenyl (S) | 52 | % | 39-120 | | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 321-60-8 | |
| Terphenyl-d14 (S) | 47 | % | 10-159 | | 1 | 10/14/20 14:33 | 10/15/20 16:36 | 1718-51-0 | |
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 10/20/20 11:42 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 10/20/20 11:42 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 10/20/20 11:42 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 10/20/20 11:42 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 10/20/20 11:42 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 10/20/20 11:42 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 10/20/20 11:42 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 10/20/20 11:42 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 10/20/20 11:42 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 10/20/20 11:42 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 10/20/20 11:42 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 10/20/20 11:42 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 10/20/20 11:42 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 10/20/20 11:42 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 10/20/20 11:42 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 10/20/20 11:42 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 10/20/20 11:42 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 10/20/20 11:42 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 10/20/20 11:42 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 10/20/20 11:42 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 10/20/20 11:42 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 10/20/20 11:42 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 10/20/20 11:42 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 10/20/20 11:42 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 11:42 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 10/20/20 11:42 | 107-06-2 | |
| 1,1-Dichloroethene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 10/20/20 11:42 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 11:42 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.46 | ug/L | 1.5 | 0.46 | 1 | | 10/20/20 11:42 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 10/20/20 11:42 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 10/20/20 11:42 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 10/20/20 11:42 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 10/20/20 11:42 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 10/20/20 11:42 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 10/20/20 11:42 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 10/20/20 11:42 | 108-20-3 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

Sample: SBGW-3 **Lab ID: 40216436003** Collected: 10/12/20 12:30 Received: 10/13/20 15:39 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|--------|------|----|----------|----------------|-------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 10/20/20 11:42 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 10/20/20 11:42 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 10/20/20 11:42 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 10/20/20 11:42 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 10/20/20 11:42 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 10/20/20 11:42 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 10/20/20 11:42 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 10/20/20 11:42 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 10/20/20 11:42 | 100-42-5 | |
| 1,1,1,2-Tetrachloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 11:42 | 630-20-6 | |
| 1,1,2,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 10/20/20 11:42 | 79-34-5 | |
| Tetrachloroethene | <0.33 | ug/L | 1.1 | 0.33 | 1 | | 10/20/20 11:42 | 127-18-4 | |
| Toluene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 11:42 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 10/20/20 11:42 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 10/20/20 11:42 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 10/20/20 11:42 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 10/20/20 11:42 | 79-00-5 | |
| Trichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 10/20/20 11:42 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 10/20/20 11:42 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 10/20/20 11:42 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 10/20/20 11:42 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 10/20/20 11:42 | 108-67-8 | |
| Vinyl chloride | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 10/20/20 11:42 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 10/20/20 11:42 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 10/20/20 11:42 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 98 | % | 70-130 | | 1 | | 10/20/20 11:42 | 460-00-4 | |
| Dibromofluoromethane (S) | 105 | % | 70-130 | | 1 | | 10/20/20 11:42 | 1868-53-7 | |
| Toluene-d8 (S) | 100 | % | 70-130 | | 1 | | 10/20/20 11:42 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

Sample: TRIP BLANK **Lab ID: 40216436004** Collected: 10/12/20 00:00 Received: 10/13/20 15:39 Matrix: Water

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--------------------------------------|---------|-------|------|------|----|----------|----------------|------------|------|
| 8260 MSV | | | | | | | | | |
| Analytical Method: EPA 8260 | | | | | | | | | |
| Pace Analytical Services - Green Bay | | | | | | | | | |
| Benzene | <0.25 | ug/L | 1.0 | 0.25 | 1 | | 10/20/20 09:12 | 71-43-2 | |
| Bromobenzene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 10/20/20 09:12 | 108-86-1 | |
| Bromochloromethane | <0.36 | ug/L | 5.0 | 0.36 | 1 | | 10/20/20 09:12 | 74-97-5 | |
| Bromodichloromethane | <0.36 | ug/L | 1.2 | 0.36 | 1 | | 10/20/20 09:12 | 75-27-4 | |
| Bromoform | <4.0 | ug/L | 13.2 | 4.0 | 1 | | 10/20/20 09:12 | 75-25-2 | |
| Bromomethane | <0.97 | ug/L | 5.0 | 0.97 | 1 | | 10/20/20 09:12 | 74-83-9 | |
| n-Butylbenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 10/20/20 09:12 | 104-51-8 | |
| sec-Butylbenzene | <0.85 | ug/L | 5.0 | 0.85 | 1 | | 10/20/20 09:12 | 135-98-8 | |
| tert-Butylbenzene | <0.30 | ug/L | 1.0 | 0.30 | 1 | | 10/20/20 09:12 | 98-06-6 | |
| Carbon tetrachloride | <1.1 | ug/L | 3.6 | 1.1 | 1 | | 10/20/20 09:12 | 56-23-5 | |
| Chlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 10/20/20 09:12 | 108-90-7 | |
| Chloroethane | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 10/20/20 09:12 | 75-00-3 | |
| Chloroform | <1.3 | ug/L | 5.0 | 1.3 | 1 | | 10/20/20 09:12 | 67-66-3 | |
| Chloromethane | <2.2 | ug/L | 7.3 | 2.2 | 1 | | 10/20/20 09:12 | 74-87-3 | |
| 2-Chlorotoluene | <0.93 | ug/L | 5.0 | 0.93 | 1 | | 10/20/20 09:12 | 95-49-8 | |
| 4-Chlorotoluene | <0.76 | ug/L | 2.5 | 0.76 | 1 | | 10/20/20 09:12 | 106-43-4 | |
| 1,2-Dibromo-3-chloropropane | <1.8 | ug/L | 5.9 | 1.8 | 1 | | 10/20/20 09:12 | 96-12-8 | |
| Dibromochloromethane | <2.6 | ug/L | 8.7 | 2.6 | 1 | | 10/20/20 09:12 | 124-48-1 | |
| 1,2-Dibromoethane (EDB) | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 10/20/20 09:12 | 106-93-4 | |
| Dibromomethane | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 10/20/20 09:12 | 74-95-3 | |
| 1,2-Dichlorobenzene | <0.71 | ug/L | 2.4 | 0.71 | 1 | | 10/20/20 09:12 | 95-50-1 | |
| 1,3-Dichlorobenzene | <0.63 | ug/L | 2.1 | 0.63 | 1 | | 10/20/20 09:12 | 541-73-1 | |
| 1,4-Dichlorobenzene | <0.94 | ug/L | 3.1 | 0.94 | 1 | | 10/20/20 09:12 | 106-46-7 | |
| Dichlorodifluoromethane | <0.50 | ug/L | 5.0 | 0.50 | 1 | | 10/20/20 09:12 | 75-71-8 | |
| 1,1-Dichloroethane | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 09:12 | 75-34-3 | |
| 1,2-Dichloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 10/20/20 09:12 | 107-06-2 | |
| 1,1-Dichloroethene | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 10/20/20 09:12 | 75-35-4 | |
| cis-1,2-Dichloroethene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 09:12 | 156-59-2 | |
| trans-1,2-Dichloroethene | <0.46 | ug/L | 1.5 | 0.46 | 1 | | 10/20/20 09:12 | 156-60-5 | |
| 1,2-Dichloropropane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 10/20/20 09:12 | 78-87-5 | |
| 1,3-Dichloropropane | <0.83 | ug/L | 2.8 | 0.83 | 1 | | 10/20/20 09:12 | 142-28-9 | |
| 2,2-Dichloropropane | <2.3 | ug/L | 7.6 | 2.3 | 1 | | 10/20/20 09:12 | 594-20-7 | |
| 1,1-Dichloropropene | <0.54 | ug/L | 1.8 | 0.54 | 1 | | 10/20/20 09:12 | 563-58-6 | |
| cis-1,3-Dichloropropene | <3.6 | ug/L | 12.1 | 3.6 | 1 | | 10/20/20 09:12 | 10061-01-5 | |
| trans-1,3-Dichloropropene | <4.4 | ug/L | 14.6 | 4.4 | 1 | | 10/20/20 09:12 | 10061-02-6 | |
| Diisopropyl ether | <1.9 | ug/L | 6.3 | 1.9 | 1 | | 10/20/20 09:12 | 108-20-3 | |
| Ethylbenzene | <0.32 | ug/L | 1.1 | 0.32 | 1 | | 10/20/20 09:12 | 100-41-4 | |
| Hexachloro-1,3-butadiene | <1.5 | ug/L | 4.9 | 1.5 | 1 | | 10/20/20 09:12 | 87-68-3 | |
| Isopropylbenzene (Cumene) | <1.7 | ug/L | 5.6 | 1.7 | 1 | | 10/20/20 09:12 | 98-82-8 | |
| p-Isopropyltoluene | <0.80 | ug/L | 2.7 | 0.80 | 1 | | 10/20/20 09:12 | 99-87-6 | |
| Methylene Chloride | <0.58 | ug/L | 5.0 | 0.58 | 1 | | 10/20/20 09:12 | 75-09-2 | |
| Methyl-tert-butyl ether | <1.2 | ug/L | 4.2 | 1.2 | 1 | | 10/20/20 09:12 | 1634-04-4 | |
| Naphthalene | <1.2 | ug/L | 5.0 | 1.2 | 1 | | 10/20/20 09:12 | 91-20-3 | |
| n-Propylbenzene | <0.81 | ug/L | 5.0 | 0.81 | 1 | | 10/20/20 09:12 | 103-65-1 | |
| Styrene | <3.0 | ug/L | 10.0 | 3.0 | 1 | | 10/20/20 09:12 | 100-42-5 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

Sample: TRIP BLANK **Lab ID: 40216436004** Collected: 10/12/20 00:00 Received: 10/13/20 15:39 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 | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 09:12 | 630-20-6 | |
| 1,1,1,2-Tetrachloroethane | <0.28 | ug/L | 1.0 | 0.28 | 1 | | 10/20/20 09:12 | 79-34-5 | |
| Tetrachloroethene | <0.33 | ug/L | 1.1 | 0.33 | 1 | | 10/20/20 09:12 | 127-18-4 | |
| Toluene | <0.27 | ug/L | 1.0 | 0.27 | 1 | | 10/20/20 09:12 | 108-88-3 | |
| 1,2,3-Trichlorobenzene | <2.2 | ug/L | 7.4 | 2.2 | 1 | | 10/20/20 09:12 | 87-61-6 | |
| 1,2,4-Trichlorobenzene | <0.95 | ug/L | 5.0 | 0.95 | 1 | | 10/20/20 09:12 | 120-82-1 | |
| 1,1,1-Trichloroethane | <0.24 | ug/L | 1.0 | 0.24 | 1 | | 10/20/20 09:12 | 71-55-6 | |
| 1,1,2-Trichloroethane | <0.55 | ug/L | 5.0 | 0.55 | 1 | | 10/20/20 09:12 | 79-00-5 | |
| Trichloroethene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 10/20/20 09:12 | 79-01-6 | |
| Trichlorofluoromethane | <0.21 | ug/L | 1.0 | 0.21 | 1 | | 10/20/20 09:12 | 75-69-4 | |
| 1,2,3-Trichloropropane | <0.59 | ug/L | 5.0 | 0.59 | 1 | | 10/20/20 09:12 | 96-18-4 | |
| 1,2,4-Trimethylbenzene | <0.84 | ug/L | 2.8 | 0.84 | 1 | | 10/20/20 09:12 | 95-63-6 | |
| 1,3,5-Trimethylbenzene | <0.87 | ug/L | 2.9 | 0.87 | 1 | | 10/20/20 09:12 | 108-67-8 | |
| Vinyl chloride | <0.17 | ug/L | 1.0 | 0.17 | 1 | | 10/20/20 09:12 | 75-01-4 | |
| m&p-Xylene | <0.47 | ug/L | 2.0 | 0.47 | 1 | | 10/20/20 09:12 | 179601-23-1 | |
| o-Xylene | <0.26 | ug/L | 1.0 | 0.26 | 1 | | 10/20/20 09:12 | 95-47-6 | |
| Surrogates | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 101 | % | 70-130 | | 1 | | 10/20/20 09:12 | 460-00-4 | |
| Dibromofluoromethane (S) | 106 | % | 70-130 | | 1 | | 10/20/20 09:12 | 1868-53-7 | |
| Toluene-d8 (S) | 104 | % | 70-130 | | 1 | | 10/20/20 09:12 | 2037-26-5 | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216436

QC Batch: 368204 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40216436001, 40216436002, 40216436003

METHOD BLANK: 2128432 Matrix: Water
Associated Lab Samples: 40216436001, 40216436002, 40216436003

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Mercury | ug/L | <0.066 | 0.20 | 10/15/20 10:08 | |

LABORATORY CONTROL SAMPLE: 2128433

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Mercury | ug/L | 5 | 5.0 | 100 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2128434 2128435

| Parameter | Units | 2128434 | | 2128435 | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual | |
|-----------|-------|--------------------|----------------|-----------------|-----------|----------|-----------|--------------|--------|---------|------|------------|
| | | 40216436001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | MSD Result |
| Mercury | ug/L | <0.066 | 5 | 5 | 5.1 | 5.0 | 101 | 101 | 85-115 | 0 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

QC Batch: 368311 Analysis Method: EPA 6020
 QC Batch Method: EPA 3010 Analysis Description: 6020 MET
 Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40216436001, 40216436002, 40216436003

METHOD BLANK: 2129157 Matrix: Water

Associated Lab Samples: 40216436001, 40216436002, 40216436003

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Antimony | ug/L | <0.15 | 1.0 | 10/17/20 05:16 | |
| Arsenic | ug/L | <0.28 | 1.0 | 10/17/20 05:16 | |
| Beryllium | ug/L | <0.25 | 1.0 | 10/17/20 05:16 | |
| Cadmium | ug/L | <0.15 | 1.0 | 10/17/20 05:16 | |
| Chromium | ug/L | <1.0 | 3.4 | 10/17/20 05:16 | |
| Copper | ug/L | <1.9 | 6.4 | 10/17/20 05:16 | |
| Lead | ug/L | <0.24 | 1.0 | 10/17/20 05:16 | |
| Nickel | ug/L | <0.28 | 1.0 | 10/17/20 05:16 | |
| Selenium | ug/L | <0.32 | 1.1 | 10/17/20 05:16 | |
| Silver | ug/L | <0.13 | 0.50 | 10/17/20 05:16 | |
| Thallium | ug/L | <0.14 | 1.0 | 10/17/20 05:16 | |
| Zinc | ug/L | <10.3 | 34.4 | 10/17/20 05:16 | |

LABORATORY CONTROL SAMPLE: 2129158

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Antimony | ug/L | 500 | 520 | 104 | 80-120 | |
| Arsenic | ug/L | 500 | 528 | 106 | 80-120 | |
| Beryllium | ug/L | 500 | 535 | 107 | 80-120 | |
| Cadmium | ug/L | 500 | 538 | 108 | 80-120 | |
| Chromium | ug/L | 500 | 510 | 102 | 80-120 | |
| Copper | ug/L | 500 | 506 | 101 | 80-120 | |
| Lead | ug/L | 500 | 506 | 101 | 80-120 | |
| Nickel | ug/L | 500 | 512 | 102 | 80-120 | |
| Selenium | ug/L | 500 | 558 | 112 | 80-120 | |
| Silver | ug/L | 250 | 261 | 104 | 80-120 | |
| Thallium | ug/L | 500 | 492 | 98 | 80-120 | |
| Zinc | ug/L | 500 | 517 | 103 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129159 2129160

| Parameter | Units | 40216486002 Result | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| | | | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | | | | | | |
| Antimony | ug/L | 0.00024J mg/L | 500 | 500 | 543 | 531 | 109 | 106 | 75-125 | 2 | 20 | |
| Arsenic | ug/L | 0.00042J mg/L | 500 | 500 | 553 | 543 | 111 | 108 | 75-125 | 2 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216436

| Parameter | Units | MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2129159 | | 2129160 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | Qual |
|-----------|-------|--|----------------------|-----------------------|-----|--------------|---------------|-------------|--------------|-----------------|------------|------|
| | | 40216486002 Result | MS Spike Conc. | MSD Spike Conc. | | | | | | | | |
| Beryllium | ug/L | <0.00025 mg/L | 500 | 500 | 491 | 473 | 98 | 95 | 75-125 | 4 | 20 | |
| Cadmium | ug/L | <0.00015 mg/L | 500 | 500 | 538 | 526 | 108 | 105 | 75-125 | 2 | 20 | |
| Chromium | ug/L | 0.0019J mg/L | 500 | 500 | 531 | 522 | 106 | 104 | 75-125 | 2 | 20 | |
| Copper | ug/L | 0.0020J mg/L | 500 | 500 | 520 | 511 | 104 | 102 | 75-125 | 2 | 20 | |
| Lead | ug/L | 0.0011 mg/L | 500 | 500 | 552 | 540 | 110 | 108 | 75-125 | 2 | 20 | |
| Nickel | ug/L | 0.0012 mg/L | 500 | 500 | 524 | 515 | 105 | 103 | 75-125 | 2 | 20 | |
| Selenium | ug/L | <0.00032 mg/L | 500 | 500 | 562 | 550 | 112 | 110 | 75-125 | 2 | 20 | |
| Silver | ug/L | <0.00013 mg/L | 250 | 250 | 258 | 254 | 103 | 101 | 75-125 | 2 | 20 | |
| Thallium | ug/L | <0.00014 mg/L | 500 | 500 | 523 | 511 | 105 | 102 | 75-125 | 2 | 20 | |
| Zinc | ug/L | 0.020J mg/L | 500 | 500 | 570 | 561 | 110 | 108 | 75-125 | 2 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

QC Batch: 368555

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40216436001, 40216436002, 40216436003, 40216436004

METHOD BLANK: 2130695

Matrix: Water

Associated Lab Samples: 40216436001, 40216436002, 40216436003, 40216436004

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,1,1,2-Tetrachloroethane | ug/L | <0.27 | 1.0 | 10/20/20 07:03 | |
| 1,1,1-Trichloroethane | ug/L | <0.24 | 1.0 | 10/20/20 07:03 | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.28 | 1.0 | 10/20/20 07:03 | |
| 1,1,2-Trichloroethane | ug/L | <0.55 | 5.0 | 10/20/20 07:03 | |
| 1,1-Dichloroethane | ug/L | <0.27 | 1.0 | 10/20/20 07:03 | |
| 1,1-Dichloroethene | ug/L | <0.24 | 1.0 | 10/20/20 07:03 | |
| 1,1-Dichloropropene | ug/L | <0.54 | 1.8 | 10/20/20 07:03 | |
| 1,2,3-Trichlorobenzene | ug/L | <2.2 | 7.4 | 10/20/20 07:03 | |
| 1,2,3-Trichloropropane | ug/L | <0.59 | 5.0 | 10/20/20 07:03 | |
| 1,2,4-Trichlorobenzene | ug/L | <0.95 | 5.0 | 10/20/20 07:03 | |
| 1,2,4-Trimethylbenzene | ug/L | <0.84 | 2.8 | 10/20/20 07:03 | |
| 1,2-Dibromo-3-chloropropane | ug/L | <1.8 | 5.9 | 10/20/20 07:03 | |
| 1,2-Dibromoethane (EDB) | ug/L | <0.83 | 2.8 | 10/20/20 07:03 | |
| 1,2-Dichlorobenzene | ug/L | <0.71 | 2.4 | 10/20/20 07:03 | |
| 1,2-Dichloroethane | ug/L | <0.28 | 1.0 | 10/20/20 07:03 | |
| 1,2-Dichloropropane | ug/L | <0.28 | 1.0 | 10/20/20 07:03 | |
| 1,3,5-Trimethylbenzene | ug/L | <0.87 | 2.9 | 10/20/20 07:03 | |
| 1,3-Dichlorobenzene | ug/L | <0.63 | 2.1 | 10/20/20 07:03 | |
| 1,3-Dichloropropane | ug/L | <0.83 | 2.8 | 10/20/20 07:03 | |
| 1,4-Dichlorobenzene | ug/L | <0.94 | 3.1 | 10/20/20 07:03 | |
| 2,2-Dichloropropane | ug/L | <2.3 | 7.6 | 10/20/20 07:03 | |
| 2-Chlorotoluene | ug/L | <0.93 | 5.0 | 10/20/20 07:03 | |
| 4-Chlorotoluene | ug/L | <0.76 | 2.5 | 10/20/20 07:03 | |
| Benzene | ug/L | <0.25 | 1.0 | 10/20/20 07:03 | |
| Bromobenzene | ug/L | <0.24 | 1.0 | 10/20/20 07:03 | |
| Bromochloromethane | ug/L | <0.36 | 5.0 | 10/20/20 07:03 | |
| Bromodichloromethane | ug/L | <0.36 | 1.2 | 10/20/20 07:03 | |
| Bromoform | ug/L | <4.0 | 13.2 | 10/20/20 07:03 | |
| Bromomethane | ug/L | <0.97 | 5.0 | 10/20/20 07:03 | |
| Carbon tetrachloride | ug/L | <1.1 | 3.6 | 10/20/20 07:03 | |
| Chlorobenzene | ug/L | <0.71 | 2.4 | 10/20/20 07:03 | |
| Chloroethane | ug/L | <1.3 | 5.0 | 10/20/20 07:03 | |
| Chloroform | ug/L | <1.3 | 5.0 | 10/20/20 07:03 | |
| Chloromethane | ug/L | <2.2 | 7.3 | 10/20/20 07:03 | |
| cis-1,2-Dichloroethene | ug/L | <0.27 | 1.0 | 10/20/20 07:03 | |
| cis-1,3-Dichloropropene | ug/L | <3.6 | 12.1 | 10/20/20 07:03 | |
| Dibromochloromethane | ug/L | <2.6 | 8.7 | 10/20/20 07:03 | |
| Dibromomethane | ug/L | <0.94 | 3.1 | 10/20/20 07:03 | |
| Dichlorodifluoromethane | ug/L | <0.50 | 5.0 | 10/20/20 07:03 | |
| Diisopropyl ether | ug/L | <1.9 | 6.3 | 10/20/20 07:03 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

METHOD BLANK: 2130695

Matrix: Water

Associated Lab Samples: 40216436001, 40216436002, 40216436003, 40216436004

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---------------------------|-------|--------------|-----------------|----------------|------------|
| Ethylbenzene | ug/L | <0.32 | 1.1 | 10/20/20 07:03 | |
| Hexachloro-1,3-butadiene | ug/L | <1.5 | 4.9 | 10/20/20 07:03 | |
| Isopropylbenzene (Cumene) | ug/L | <1.7 | 5.6 | 10/20/20 07:03 | |
| m&p-Xylene | ug/L | <0.47 | 2.0 | 10/20/20 07:03 | |
| Methyl-tert-butyl ether | ug/L | <1.2 | 4.2 | 10/20/20 07:03 | |
| Methylene Chloride | ug/L | <0.58 | 5.0 | 10/20/20 07:03 | |
| n-Butylbenzene | ug/L | <0.71 | 2.4 | 10/20/20 07:03 | |
| n-Propylbenzene | ug/L | <0.81 | 5.0 | 10/20/20 07:03 | |
| Naphthalene | ug/L | <1.2 | 5.0 | 10/20/20 07:03 | |
| o-Xylene | ug/L | <0.26 | 1.0 | 10/20/20 07:03 | |
| p-Isopropyltoluene | ug/L | <0.80 | 2.7 | 10/20/20 07:03 | |
| sec-Butylbenzene | ug/L | <0.85 | 5.0 | 10/20/20 07:03 | |
| Styrene | ug/L | <3.0 | 10.0 | 10/20/20 07:03 | |
| tert-Butylbenzene | ug/L | <0.30 | 1.0 | 10/20/20 07:03 | |
| Tetrachloroethene | ug/L | <0.33 | 1.1 | 10/20/20 07:03 | |
| Toluene | ug/L | <0.27 | 1.0 | 10/20/20 07:03 | |
| trans-1,2-Dichloroethene | ug/L | <0.46 | 1.5 | 10/20/20 07:03 | |
| trans-1,3-Dichloropropene | ug/L | <4.4 | 14.6 | 10/20/20 07:03 | |
| Trichloroethene | ug/L | <0.26 | 1.0 | 10/20/20 07:03 | |
| Trichlorofluoromethane | ug/L | <0.21 | 1.0 | 10/20/20 07:03 | |
| Vinyl chloride | ug/L | <0.17 | 1.0 | 10/20/20 07:03 | |
| 4-Bromofluorobenzene (S) | % | 98 | 70-130 | 10/20/20 07:03 | |
| Dibromofluoromethane (S) | % | 103 | 70-130 | 10/20/20 07:03 | |
| Toluene-d8 (S) | % | 103 | 70-130 | 10/20/20 07:03 | |

LABORATORY CONTROL SAMPLE: 2130696

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1-Trichloroethane | ug/L | 50 | 58.4 | 117 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 50 | 57.3 | 115 | 64-131 | |
| 1,1,2-Trichloroethane | ug/L | 50 | 54.2 | 108 | 70-130 | |
| 1,1-Dichloroethane | ug/L | 50 | 61.9 | 124 | 69-163 | |
| 1,1-Dichloroethene | ug/L | 50 | 61.4 | 123 | 77-123 | |
| 1,2,4-Trichlorobenzene | ug/L | 50 | 51.6 | 103 | 68-130 | |
| 1,2-Dibromo-3-chloropropane | ug/L | 50 | 50.4 | 101 | 63-130 | |
| 1,2-Dibromoethane (EDB) | ug/L | 50 | 55.1 | 110 | 70-130 | |
| 1,2-Dichlorobenzene | ug/L | 50 | 54.1 | 108 | 70-130 | |
| 1,2-Dichloroethane | ug/L | 50 | 60.3 | 121 | 78-142 | |
| 1,2-Dichloropropane | ug/L | 50 | 54.3 | 109 | 86-134 | |
| 1,3-Dichlorobenzene | ug/L | 50 | 53.4 | 107 | 70-130 | |
| 1,4-Dichlorobenzene | ug/L | 50 | 52.7 | 105 | 70-130 | |
| Benzene | ug/L | 50 | 60.0 | 120 | 70-130 | |
| Bromodichloromethane | ug/L | 50 | 56.5 | 113 | 70-130 | |
| Bromoform | ug/L | 50 | 47.0 | 94 | 70-130 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

LABORATORY CONTROL SAMPLE: 2130696

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| Bromomethane | ug/L | 50 | 56.4 | 113 | 39-129 | |
| Carbon tetrachloride | ug/L | 50 | 55.4 | 111 | 70-132 | |
| Chlorobenzene | ug/L | 50 | 56.4 | 113 | 70-130 | |
| Chloroethane | ug/L | 50 | 60.2 | 120 | 66-140 | |
| Chloroform | ug/L | 50 | 58.8 | 118 | 75-132 | |
| Chloromethane | ug/L | 50 | 47.8 | 96 | 32-143 | |
| cis-1,2-Dichloroethene | ug/L | 50 | 54.7 | 109 | 70-130 | |
| cis-1,3-Dichloropropene | ug/L | 50 | 56.0 | 112 | 70-130 | |
| Dibromochloromethane | ug/L | 50 | 56.0 | 112 | 70-130 | |
| Dichlorodifluoromethane | ug/L | 50 | 35.6 | 71 | 10-141 | |
| Ethylbenzene | ug/L | 50 | 58.5 | 117 | 80-120 | |
| Isopropylbenzene (Cumene) | ug/L | 50 | 59.8 | 120 | 70-130 | |
| m&p-Xylene | ug/L | 100 | 116 | 116 | 70-130 | |
| Methyl-tert-butyl ether | ug/L | 50 | 58.4 | 117 | 61-129 | |
| Methylene Chloride | ug/L | 50 | 60.5 | 121 | 70-130 | |
| o-Xylene | ug/L | 50 | 57.6 | 115 | 70-130 | |
| Styrene | ug/L | 50 | 59.2 | 118 | 70-130 | |
| Tetrachloroethene | ug/L | 50 | 54.9 | 110 | 70-130 | |
| Toluene | ug/L | 50 | 57.4 | 115 | 80-120 | |
| trans-1,2-Dichloroethene | ug/L | 50 | 62.6 | 125 | 70-130 | |
| trans-1,3-Dichloropropene | ug/L | 50 | 53.0 | 106 | 69-130 | |
| Trichloroethene | ug/L | 50 | 59.2 | 118 | 70-130 | |
| Trichlorofluoromethane | ug/L | 50 | 66.1 | 132 | 75-145 | |
| Vinyl chloride | ug/L | 50 | 54.6 | 109 | 51-140 | |
| 4-Bromofluorobenzene (S) | % | | | 104 | 70-130 | |
| Dibromofluoromethane (S) | % | | | 107 | 70-130 | |
| Toluene-d8 (S) | % | | | 102 | 70-130 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2131899 2131900

| Parameter | Units | MS | | MSD | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------------------------|-------|--------------------|-------------|-------------|-------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| | | 40216479002 Result | Spike Conc. | Spike Conc. | Conc. | | | | | | | | |
| 1,1,1-Trichloroethane | ug/L | <0.24 | 50 | 50 | 57.7 | 59.8 | 115 | 120 | 70-130 | 4 | 20 | | |
| 1,1,2,2-Tetrachloroethane | ug/L | <0.28 | 50 | 50 | 55.1 | 58.0 | 110 | 116 | 64-137 | 5 | 20 | | |
| 1,1,2-Trichloroethane | ug/L | <0.55 | 50 | 50 | 51.5 | 53.8 | 103 | 108 | 70-137 | 4 | 20 | | |
| 1,1-Dichloroethane | ug/L | <0.27 | 50 | 50 | 59.1 | 63.2 | 118 | 126 | 69-163 | 7 | 20 | | |
| 1,1-Dichloroethene | ug/L | <0.24 | 50 | 50 | 57.4 | 61.8 | 115 | 124 | 77-129 | 7 | 20 | | |
| 1,2,4-Trichlorobenzene | ug/L | <0.95 | 50 | 50 | 49.5 | 51.6 | 99 | 103 | 68-130 | 4 | 20 | | |
| 1,2-Dibromo-3-chloropropane | ug/L | <1.8 | 50 | 50 | 50.3 | 52.2 | 101 | 104 | 60-130 | 4 | 20 | | |
| 1,2-Dibromoethane (EDB) | ug/L | <0.83 | 50 | 50 | 52.6 | 55.6 | 105 | 111 | 70-130 | 5 | 20 | | |
| 1,2-Dichlorobenzene | ug/L | <0.71 | 50 | 50 | 53.0 | 56.8 | 106 | 114 | 70-130 | 7 | 20 | | |
| 1,2-Dichloroethane | ug/L | <0.28 | 50 | 50 | 58.3 | 61.0 | 117 | 122 | 78-145 | 5 | 20 | | |
| 1,2-Dichloropropane | ug/L | <0.28 | 50 | 50 | 50.8 | 55.5 | 102 | 111 | 86-135 | 9 | 20 | | |
| 1,3-Dichlorobenzene | ug/L | <0.63 | 50 | 50 | 52.1 | 55.7 | 104 | 111 | 70-130 | 7 | 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

| Parameter | Units | 2131899 | | 2131900 | | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | Max RPD | Qual |
|------------------------------|-------|-----------------------|----------------------|-----------------------|--------------|--------------|---------------|-------------|--------------|-----------------|------------|------|
| | | 40216479002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | | | | | | | |
| 1,4-Dichlorobenzene | ug/L | <0.94 | 50 | 50 | 50.9 | 54.0 | 102 | 108 | 70-130 | 6 | 20 | |
| Benzene | ug/L | <0.25 | 50 | 50 | 56.8 | 60.4 | 114 | 121 | 70-136 | 6 | 20 | |
| Bromodichloromethane | ug/L | <0.36 | 50 | 50 | 52.7 | 56.0 | 105 | 112 | 70-130 | 6 | 20 | |
| Bromoform | ug/L | <4.0 | 50 | 50 | 44.2 | 47.0 | 88 | 94 | 69-130 | 6 | 20 | |
| Bromomethane | ug/L | <0.97 | 50 | 50 | 54.8 | 60.4 | 110 | 121 | 39-138 | 10 | 20 | |
| Carbon tetrachloride | ug/L | <1.1 | 50 | 50 | 52.9 | 56.3 | 106 | 113 | 70-142 | 6 | 20 | |
| Chlorobenzene | ug/L | <0.71 | 50 | 50 | 54.4 | 57.7 | 109 | 115 | 70-130 | 6 | 20 | |
| Chloroethane | ug/L | <1.3 | 50 | 50 | 56.2 | 59.2 | 112 | 118 | 61-149 | 5 | 20 | |
| Chloroform | ug/L | <1.3 | 50 | 50 | 56.8 | 60.0 | 114 | 120 | 75-133 | 5 | 20 | |
| Chloromethane | ug/L | <2.2 | 50 | 50 | 45.2 | 47.9 | 90 | 96 | 32-143 | 6 | 20 | |
| cis-1,2-Dichloroethene | ug/L | <0.27 | 50 | 50 | 51.7 | 55.1 | 103 | 110 | 70-130 | 6 | 20 | |
| cis-1,3-Dichloropropene | ug/L | <3.6 | 50 | 50 | 53.2 | 57.6 | 106 | 115 | 70-130 | 8 | 20 | |
| Dibromochloromethane | ug/L | <2.6 | 50 | 50 | 54.7 | 57.6 | 109 | 115 | 70-130 | 5 | 20 | |
| Dichlorodifluoromethane | ug/L | <0.50 | 50 | 50 | 32.9 | 34.6 | 66 | 69 | 10-141 | 5 | 20 | |
| Ethylbenzene | ug/L | <0.32 | 50 | 50 | 56.5 | 59.8 | 113 | 120 | 80-120 | 6 | 20 | |
| Isopropylbenzene (Cumene) | ug/L | <1.7 | 50 | 50 | 58.1 | 61.2 | 116 | 122 | 70-130 | 5 | 20 | |
| m&p-Xylene | ug/L | <0.47 | 100 | 100 | 111 | 119 | 111 | 119 | 70-130 | 6 | 20 | |
| Methyl-tert-butyl ether | ug/L | <1.2 | 50 | 50 | 55.6 | 58.6 | 111 | 117 | 61-136 | 5 | 20 | |
| Methylene Chloride | ug/L | <0.58 | 50 | 50 | 58.0 | 61.1 | 116 | 122 | 68-137 | 5 | 20 | |
| o-Xylene | ug/L | <0.26 | 50 | 50 | 55.7 | 58.9 | 111 | 118 | 70-130 | 6 | 20 | |
| Styrene | ug/L | <3.0 | 50 | 50 | 55.7 | 59.2 | 111 | 118 | 70-130 | 6 | 20 | |
| Tetrachloroethene | ug/L | <0.33 | 50 | 50 | 53.4 | 56.8 | 107 | 114 | 70-130 | 6 | 20 | |
| Toluene | ug/L | <0.27 | 50 | 50 | 55.0 | 57.8 | 110 | 116 | 80-120 | 5 | 20 | |
| trans-1,2-Dichloroethene | ug/L | <0.46 | 50 | 50 | 59.4 | 63.2 | 119 | 126 | 70-130 | 6 | 20 | |
| trans-1,3-Dichloropropene | ug/L | <4.4 | 50 | 50 | 51.1 | 53.9 | 102 | 108 | 69-130 | 5 | 20 | |
| Trichloroethene | ug/L | <0.26 | 50 | 50 | 56.0 | 59.9 | 112 | 120 | 70-130 | 7 | 20 | |
| Trichlorofluoromethane | ug/L | <0.21 | 50 | 50 | 61.8 | 65.7 | 124 | 131 | 74-157 | 6 | 20 | |
| Vinyl chloride | ug/L | <0.17 | 50 | 50 | 51.9 | 54.5 | 104 | 109 | 51-140 | 5 | 20 | |
| 4-Bromofluorobenzene (S) | % | | | | | | 106 | 105 | 70-130 | | | |
| Dibromofluoromethane (S) | % | | | | | | 104 | 107 | 70-130 | | | |
| Toluene-d8 (S) | % | | | | | | 102 | 103 | 70-130 | | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
 Project No.: 40216436

QC Batch: 368356 Analysis Method: EPA 8270
 QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40216436001, 40216436002, 40216436003

METHOD BLANK: 2129330 Matrix: Water
 Associated Lab Samples: 40216436001, 40216436002, 40216436003

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|--------------------------|-------|--------------|-----------------|----------------|------------|
| Pentachlorophenol | ug/L | <4.6 | 15.2 | 10/16/20 09:47 | |
| 2,4,6-Tribromophenol (S) | % | 82 | 62-172 | 10/16/20 09:47 | |
| 2-Fluorobiphenyl (S) | % | 83 | 54-107 | 10/16/20 09:47 | |
| 2-Fluorophenol (S) | % | 45 | 23-69 | 10/16/20 09:47 | |
| Nitrobenzene-d5 (S) | % | 79 | 41-118 | 10/16/20 09:47 | |
| Phenol-d6 (S) | % | 31 | 12-120 | 10/16/20 09:47 | |
| Terphenyl-d14 (S) | % | 107 | 51-129 | 10/16/20 09:47 | |

LABORATORY CONTROL SAMPLE & LCSD: 2129331

| Parameter | Units | 2129332 | | | | | | | RPD | Max RPD | Qualifiers |
|--------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|---|-----|---------|------------|
| | | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | | | | |
| Pentachlorophenol | ug/L | 50 | 34.0 | 34.9 | 68 | 70 | 53-101 | 3 | 24 | | |
| 2,4,6-Tribromophenol (S) | % | | | | 92 | 96 | 62-172 | | | | |
| 2-Fluorobiphenyl (S) | % | | | | 90 | 89 | 54-107 | | | | |
| 2-Fluorophenol (S) | % | | | | 45 | 48 | 23-69 | | | | |
| Nitrobenzene-d5 (S) | % | | | | 78 | 78 | 41-118 | | | | |
| Phenol-d6 (S) | % | | | | 33 | 32 | 12-120 | | | | |
| Terphenyl-d14 (S) | % | | | | 98 | 95 | 51-129 | | | | |

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

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216436

QC Batch: 368268 Analysis Method: EPA 8270 by HVI
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH by HVI
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40216436001, 40216436002, 40216436003

METHOD BLANK: 2128820 Matrix: Water
Associated Lab Samples: 40216436001, 40216436002, 40216436003

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------|-------|--------------|-----------------|----------------|------------|
| 1-Methylnaphthalene | ug/L | 0.012J | 0.030 | 10/15/20 07:55 | |
| 2-Methylnaphthalene | ug/L | <0.0049 | 0.024 | 10/15/20 07:55 | |
| Acenaphthene | ug/L | 0.0082J | 0.030 | 10/15/20 07:55 | |
| Acenaphthylene | ug/L | <0.0050 | 0.025 | 10/15/20 07:55 | |
| Anthracene | ug/L | <0.010 | 0.052 | 10/15/20 07:55 | |
| Benzo(a)anthracene | ug/L | <0.0076 | 0.038 | 10/15/20 07:55 | |
| Benzo(a)pyrene | ug/L | <0.011 | 0.053 | 10/15/20 07:55 | |
| Benzo(b)fluoranthene | ug/L | <0.0057 | 0.029 | 10/15/20 07:55 | |
| Benzo(g,h,i)perylene | ug/L | <0.0068 | 0.034 | 10/15/20 07:55 | |
| Benzo(k)fluoranthene | ug/L | <0.0076 | 0.038 | 10/15/20 07:55 | |
| Chrysene | ug/L | <0.013 | 0.065 | 10/15/20 07:55 | |
| Dibenz(a,h)anthracene | ug/L | <0.010 | 0.050 | 10/15/20 07:55 | |
| Fluoranthene | ug/L | <0.011 | 0.053 | 10/15/20 07:55 | |
| Fluorene | ug/L | <0.0080 | 0.040 | 10/15/20 07:55 | |
| Indeno(1,2,3-cd)pyrene | ug/L | <0.018 | 0.088 | 10/15/20 07:55 | |
| Naphthalene | ug/L | <0.018 | 0.092 | 10/15/20 07:55 | |
| Phenanthrene | ug/L | 0.017J | 0.069 | 10/15/20 07:55 | |
| Pyrene | ug/L | <0.0076 | 0.038 | 10/15/20 07:55 | |
| 2-Fluorobiphenyl (S) | % | 60 | 39-120 | 10/15/20 07:55 | |
| Terphenyl-d14 (S) | % | 89 | 10-159 | 10/15/20 07:55 | |

LABORATORY CONTROL SAMPLE: 2128821

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1-Methylnaphthalene | ug/L | 2 | 1.1 | 55 | 37-120 | |
| 2-Methylnaphthalene | ug/L | 2 | 1.1 | 55 | 38-120 | |
| Acenaphthene | ug/L | 2 | 1.3 | 65 | 49-120 | |
| Acenaphthylene | ug/L | 2 | 1.2 | 60 | 43-85 | |
| Anthracene | ug/L | 2 | 1.5 | 75 | 57-110 | |
| Benzo(a)anthracene | ug/L | 2 | 1.6 | 82 | 47-118 | |
| Benzo(a)pyrene | ug/L | 2 | 1.6 | 80 | 70-120 | |
| Benzo(b)fluoranthene | ug/L | 2 | 1.5 | 77 | 54-97 | |
| Benzo(g,h,i)perylene | ug/L | 2 | 1.2 | 61 | 26-74 | |
| Benzo(k)fluoranthene | ug/L | 2 | 1.8 | 90 | 73-126 | |
| Chrysene | ug/L | 2 | 1.9 | 95 | 75-151 | |
| Dibenz(a,h)anthracene | ug/L | 2 | 1.2 | 59 | 13-72 | |
| Fluoranthene | ug/L | 2 | 1.5 | 75 | 63-120 | |
| Fluorene | ug/L | 2 | 1.3 | 65 | 53-120 | |
| Indeno(1,2,3-cd)pyrene | ug/L | 2 | 1.7 | 83 | 51-101 | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

LABORATORY CONTROL SAMPLE: 2128821

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------|-------|-------------|------------|-----------|--------------|------------|
| Naphthalene | ug/L | 2 | 1.1 | 56 | 41-120 | |
| Phenanthrene | ug/L | 2 | 1.4 | 68 | 47-100 | |
| Pyrene | ug/L | 2 | 1.7 | 83 | 70-128 | |
| 2-Fluorobiphenyl (S) | % | | | 67 | 39-120 | |
| Terphenyl-d14 (S) | % | | | 94 | 10-159 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2128822 2128823

| Parameter | Units | MS | | MSD | | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|------------------------|-------|--------------------|-------------|-------------|-----------|----------|-----------|--------------|--------|---------|-------|
| | | 40216383005 Result | Spike Conc. | Spike Conc. | MS Result | | | | | | |
| 1-Methylnaphthalene | ug/L | 0.016J | 1.8 | 1.9 | 0.74 | 0.91 | 40 | 47 | 16-120 | 20 | 28 |
| 2-Methylnaphthalene | ug/L | <0.0046 | 1.8 | 1.9 | 0.77 | 0.91 | 42 | 48 | 29-120 | 17 | 31 |
| Acenaphthene | ug/L | 0.025J | 1.8 | 1.9 | 0.88 | 1.1 | 46 | 56 | 33-120 | 21 | 30 |
| Acenaphthylene | ug/L | 0.0048J | 1.8 | 1.9 | 0.81 | 0.92 | 44 | 49 | 21-85 | 13 | 26 |
| Anthracene | ug/L | 0.045J | 1.8 | 1.9 | 0.77 | 1.2 | 39 | 61 | 16-114 | 44 | 36 R1 |
| Benzo(a)anthracene | ug/L | 0.11 | 1.8 | 1.9 | 0.58 | 0.83 | 26 | 38 | 10-118 | 36 | 35 R1 |
| Benzo(a)pyrene | ug/L | 0.091 | 1.8 | 1.9 | 0.43 | 0.56 | 18 | 25 | 10-120 | 27 | 37 |
| Benzo(b)fluoranthene | ug/L | 0.21 | 1.8 | 1.9 | 0.57 | 0.61 | 19 | 21 | 10-97 | 7 | 36 |
| Benzo(g,h,i)perylene | ug/L | 0.11 | 1.8 | 1.9 | 0.37 | 0.35 | 14 | 13 | 10-74 | 6 | 45 |
| Benzo(k)fluoranthene | ug/L | 0.097 | 1.8 | 1.9 | 0.43 | 0.70 | 18 | 32 | 10-126 | 49 | 41 R1 |
| Chrysene | ug/L | 0.21 | 1.8 | 1.9 | 0.72 | 1.0 | 28 | 43 | 10-161 | 35 | 30 R1 |
| Dibenz(a,h)anthracene | ug/L | 0.020J | 1.8 | 1.9 | 0.27 | 0.34 | 14 | 17 | 10-72 | 23 | 50 |
| Fluoranthene | ug/L | 0.34 | 1.8 | 1.9 | 0.98 | 1.0 | 34 | 35 | 35-120 | 4 | 33 M1 |
| Fluorene | ug/L | 0.018J | 1.8 | 1.9 | 0.87 | 1.1 | 46 | 58 | 17-120 | 25 | 33 |
| Indeno(1,2,3-cd)pyrene | ug/L | 0.086 | 1.8 | 1.9 | 0.36 | 0.41 | 15 | 17 | 10-101 | 14 | 41 |
| Naphthalene | ug/L | <0.017 | 1.8 | 1.9 | 0.76 | 0.89 | 41 | 46 | 24-120 | 15 | 30 |
| Phenanthrene | ug/L | 0.25 | 1.8 | 1.9 | 1.1 | 1.1 | 47 | 46 | 15-100 | 1 | 30 |
| Pyrene | ug/L | 0.31 | 1.8 | 1.9 | 1.0 | 1.2 | 38 | 46 | 14-137 | 15 | 31 |
| 2-Fluorobiphenyl (S) | % | | | | | | 48 | 55 | 39-120 | | |
| Terphenyl-d14 (S) | % | | | | | | 28 | 64 | 10-159 | | |

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALIFIERS

Project: 2004400 WAUSAU-1300 CLEVELAND

Pace Project No.: 40216436

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.

BATCH QUALIFIERS

Batch: 368450

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

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2004400 WAUSAU-1300 CLEVELAND
Pace Project No.: 40216436

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|------------|-----------------|----------|-------------------|------------------|
| 40216436001 | SBGW-1 | EPA 3010 | 368311 | EPA 6020 | 368399 |
| 40216436002 | SBGW-2 | EPA 3010 | 368311 | EPA 6020 | 368399 |
| 40216436003 | SBGW-3 | EPA 3010 | 368311 | EPA 6020 | 368399 |
| 40216436001 | SBGW-1 | EPA 7470 | 368204 | EPA 7470 | 368253 |
| 40216436002 | SBGW-2 | EPA 7470 | 368204 | EPA 7470 | 368253 |
| 40216436003 | SBGW-3 | EPA 7470 | 368204 | EPA 7470 | 368253 |
| 40216436001 | SBGW-1 | EPA 3510 | 368356 | EPA 8270 | 368450 |
| 40216436002 | SBGW-2 | EPA 3510 | 368356 | EPA 8270 | 368450 |
| 40216436003 | SBGW-3 | EPA 3510 | 368356 | EPA 8270 | 368450 |
| 40216436001 | SBGW-1 | EPA 3510 | 368268 | EPA 8270 by HVI | 368286 |
| 40216436002 | SBGW-2 | EPA 3510 | 368268 | EPA 8270 by HVI | 368286 |
| 40216436003 | SBGW-3 | EPA 3510 | 368268 | EPA 8270 by HVI | 368286 |
| 40216436001 | SBGW-1 | EPA 8260 | 368555 | | |
| 40216436002 | SBGW-2 | EPA 8260 | 368555 | | |
| 40216436003 | SBGW-3 | EPA 8260 | 368555 | | |
| 40216436004 | TRIP BLANK | EPA 8260 | 368555 | | |

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

(Please Print Clearly)

Company Name: GEI Consultants
 Branch/Location: Green Bay, WI
 Project Contact: Mike DeBraske
 Phone: (920) 412-4779
 Project Number: 2004400
 Project Name: Wausau-1300 Cleveland Ave
 Project State: WI
 Sampled By (Print): MIKE DEBRASKE / CHITIN KLAUZE
 Sampled By (Sign): *[Signature]*
 PO #: - Regulatory Program:



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

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

COC No.

Quote #: 00082216
 Mail To Contact: Mike DeBraske
 Mail To Company: GEI Consultants
 Mail To Address: 3159 Voyager Drive
 Green Bay, WI 54311
 Invoice To Contact: Mike DeBraske
 Invoice To Company: GEI Consultants
 Invoice To Address: 3159 Voyager Drive
 Green Bay, WI 54311
 Invoice To Phone: (920) 455-8200

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

| Y/N | N | N | N | N | N |
|--------------------|-----------|---------------------|-----------|------------------------|------------------|
| Pick Letter | F | A | A | A | A |
| Analyses Requested | VOCs 8260 | PP Metals 6010/7471 | PAHs 8270 | Pentachlorophenol 8270 | 1,4-Dioxane 8270 |

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 | X | X | X |
|------------|-----------------|------------|-------|--------|---|---|---|---|
| | | DATE | TIME | | | | | |
| 001 | SB6W-1 | 10/12 | 08:30 | 6W | X | X | X | X |
| 002 | SB6W-2 | ↓ | 10:15 | ↓ | ↓ | ↓ | ↓ | ↓ |
| 003 | SB6W-3 | ↓ | 12:30 | ↓ | ↓ | ↓ | ↓ | ↓ |
| 004 | Trip Blank ① | | | | | | | |

CLIENT COMMENTS
 PP Metals: Sb, As, Be, Cd, Cr, Cu, Pb, Ni, Se, Ag, Ti, Zn, Hg
 Non-Chromium samples per Total Chromiums

LAB COMMENTS (Lab Use Only)

Profile #

① In shipment Lab added to COC 10/13/20 SKW

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

Transmit Prelim Rush Results by (complete what you want):
 Email #1: _____
 Email #2: _____
 Telephone: _____
 Fax: _____

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

Relinquished By: *[Signature]* Date/Time: 10-13-20 1539
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____

Received By: *[Signature]* Date/Time: 10-13-20 1539
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____
 Received By: _____ Date/Time: _____

PACE Project No. 40216436
 Receipt Temp = *ROD* °C
 Sample Receipt pH *OK* Adjusted
 Cooler Custody Seal Present (Not Present) Intact / Not Intact

Sample Preservation Receipt Form

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 300
Green Bay, WI 54302

Client Name: GEI

Project # 40216436

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

Initial when completed: SRK Date/ Time:

Lab Lot# of pH paper: 10D4194

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

Page 30

Table with 21 columns (AG1U to GN) and 21 rows (001 to 020). Includes sub-headers for Glass, Plastic, Vials, Jars, and General. Contains handwritten data points and a large diagonal line from row 005 to column 020.

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

Legend table mapping container codes (AG1U, BP1U, VG9A, JGFU, etc.) to their respective descriptions and volumes.

Sample Condition Upon Receipt Form (SCUR)

Client Name: GET

Project #: **WO#: 40216436**

40216436

Courier: CS Logistics Fed Ex Speedee UPS Walto
 Client Pace Other: _____

Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - N/A Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RO I Corr: _____

Temp Blank Present: yes no Biological Tissue is Frozen: yes no

Person examining contents:
Date: 10/13/20 /Initials: SKW
Labeled By Initials: SRK

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 2. |
| Chain of Custody Relinquished: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 3. |
| 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 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 13. <u>In shipment Lab added to COC.</u> |
| 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>448</u> | | <u>10/13/20</u> <u>SKW</u> |

Client Notification/ Resolution: _____ If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____