

# Limited Site Investigation Report

Former Loeb-Lorman Scrapyard  
115 Lorman Street, 600 Oak Street, and 205 Hake Street  
Fort Atkinson, Wisconsin  
September 10, 2021  
Terracon Project No. 58217147



**Prepared for:**

City of Fort Atkinson  
Fort Atkinson, Wisconsin

**Prepared by:**

Terracon Consultants, Inc.  
Franklin, Wisconsin

Offices Nationwide  
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# Terracon

Geotechnical ■ Environmental ■ Construction Materials ■ Facilities

September 10, 2021



City of Fort Atkinson  
101 North Main Street  
Fort Atkinson, Wisconsin 53538

Attention: Mr. Andy Selle  
Phone: (920) 563-7760  
Email: aselle@fortatkinsonwi.net

Re: **Limited Site Investigation Report**  
Former Loeb-Lorman Scrapyard  
115 Lorman Street, 600 Oak Street, and 205 Hake Street  
Fort Atkinson, Wisconsin  
**Terracon** Project No.: 58217147

Dear Mr. Selle:

At your request, Terracon Consultants, Inc. (Terracon) has completed a Limited Site Investigation (LSI) for the above-referenced property. This investigation was performed in general accordance with Terracon's scope of services detailed in Terracon Proposal No. P58217147, dated June 10, 2021.

Terracon appreciates the opportunity to provide these services for you. If you have any questions or comments regarding our report, please contact us at (414) 423-0255.

Sincerely,  
**Terracon**

Timothy P. Welch, P.G.  
Senior Project Manager

Edmund A. Buc, P.E., CHMM  
Department Manager

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**LIMITED SITE INVESTIGATION REPORT  
FORMER LOEB-LORMAN SCRAPYARD  
115 LORMAN STREET, 600 OAK STREET, AND 205 HAKE STREET  
FORT ATKINSON, WISCONSIN**

**TERRACON PROJECT NO. 58217147  
SEPTEMBER 10, 2021**

## **1.0 INTRODUCTION**

Terracon Consultants, Inc. (Terracon) has completed a Limited Site Investigation (LSI) at the former Loeb-Lorman scrapyard properties located at 115 Lorman Street, 600 Oak Street, and 205 Hake Street, Fort Atkinson, Wisconsin (Exhibit 1, Appendix A). The objective of the LSI was to investigate the potential for subsurface contamination related to the recognized environmental conditions (RECs) identified in a January 21, 2021 Phase I Environmental Site Assessment (ESA) performed for the properties.

Based on the available information, the former Loeb-Lorman Scrapyard (the “site”) consists of three parcels.

- 115 Lorman Street (Parcel No. 226-0614-3433-0400). This 8.195-acre parcel is currently improved with several buildings located in the central and southern portions of the site;
- 600 Oak Street (Parcel No. 226-0614-3433-037). This 1.962-acre parcel currently consists of a vacant lot; and
- 205 Hake Street (Parcel No. 226-0614-3432-007). This 2.032-acre parcel is currently improved with two buildings, located in the southern and western portions of the site.

### **1.1 Background Information**

A Phase I ESA was completed for the site on behalf of the City of Fort Atkinson. Based on the January 21, 2021 Phase I ESA report, the following RECs were identified:

- “From sometime between 1940 and 1955 through 2015, the 115 Lorman Street parcel was utilized as a scrapyard. Aerial photographs indicate that vehicles were accepted in the 1950s and 1960s. More recently, the scrapyard accepted steel, brass, copper, and related metals, as well as lead-acid batteries. One or more fires requiring fire department response and/or causing building damage occurred during the period of scrapyard activities. In recent years, oily scrap was stored outdoors on concrete pads draining to oil/water separators and used batteries were stored indoors on pallets; however, limited information concerning storage practices prior to the 2000s is available. Most scrap storage areas are unpaved. Industrial equipment using hydraulic oil reservoirs was

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historically present on the parcel, with on-site fueling activities. Outdoor storage of scrap luggers and related materials expanded to the 205 Hake Street parcel in the 1970s and to the 600 Oak Street parcel in the 2000s. Potential releases associated with scrapyard activities may have impacted the subject property via soil, groundwater, and/or vapor.”

- “Topographic maps indicate that the 205 Hake Street and 115 Lorman Street parcels were comprised of wetlands in 1906. The 1940 aerial photograph depicts part of the 115 Lorman Street parcel as disturbed land, indicating possible filling activities. Soil boring logs from the 115 Lorman Street parcel indicate that fill material including wood chips, metal debris, glass shards, foundry sand, construction debris is present on the parcel at depths of up to 9.5 feet below ground surface (bgs). Impacted fill material is likely present on the 115 Lorman Street parcel and may be present on the other parcels, potentially impacting them via soil, groundwater and/or vapor.”
- “Fueling and maintenance activities for equipment and vehicles was conducted on the 115 Lorman Street parcel. At least 10 aboveground storage tanks (ASTs) ranging in size from 250 to 10,000 gallons were located on the subject property at various times, with contents including antifreeze, diesel fuel, gasoline, motor oil, used oil, kerosene, and hydraulic oil. Two ASTs were transported around the parcel using a forklift to fuel stationary equipment. Releases associated with petroleum storage, vehicle and equipment maintenance, and fueling activities may have impacted the subject property via soil, groundwater, and/or vapor.”
- “The 600 Oak Street parcel was utilized for a coal shed beginning as early as 1924 through sometime between 1930 and 1947. Aerial photographs from the period between 1937 through the 1960s depict the parcel with outdoor coal storage. Potential releases associated with historical coal storage may have impacted the subject property via soil, groundwater, and/or vapor.”
- “The 600 Oak Street parcel includes a narrow strip between the adjacent 624 Oak Street parcel and the railroad. The property at 624 Oak Street was identified as a bulk petroleum station, with five vertical ASTs present from 1937 or earlier through 1963/1964. Based on the locations of the ASTs relative to the railroad right-of-way, bulk loading/unloading from railcars may have occurred on the northern section of the 600 Oak Street parcel. Historical releases associated with the bulk petroleum station may have impacted the subject property via soil, groundwater, and/or vapor.”
- “The DB Oak Ltd. Property site (BRRTS #02-28-176509) is an open Environmental Repair Program (ERP) site and a former large quantity generator (LQG, generates 1,000 kg or more of hazardous waste) of ignitable waste located at 700 Oak Street, adjoining the subject property to the north and west. Sanborn fire insurance maps indicate that the site may have also been a plating site.” “The ERP case was opened in May 1995 to address

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impacts associated with a former 10,000-gallon PCE AST. The AST was located roughly 100 feet to the west of the 205 Hake Street parcel. Soil and surface water sampling results indicated that CVOCs released along the east side of the site building were being conveyed through a drainage swale running along the eastern edge of the site.” Investigation activities for this ERP case suggest groundwater contamination may be migrating onto the site.”

- “The property at 235 Hake Street, located to the north of the 115 Lorman Street parcel across Hake Street, was listed in city directories as Fort Truck Sales in 1964 and 1966; Ron’s Truck Repair in 1984; Blackhawk Express Inc. in 1984 and 1989; and R&M Auto Polish & Detailing in 1995. Potential releases associated with this site may have impacted the subject property via soil, groundwater, and/or vapor.”

The Phase I ESA also identified a closed leaking underground storage tank (LUST) case at the site as a controlled REC (CREC). The 115 Lorman Street parcel was identified as the Lorman Iron & Metal site (BRRTS #03-28-002397), a closed Leaking Underground Storage Tank (LUST) site with continuing obligations. The LUST case was opened in August 1994 to address impacts associated with two 10,000-gallon diesel underground storage tanks (USTs) and one 1,000-gallon gasoline UST which were removed from the southern end of the parcel. The 1,000-gallon UST was registered as containing diesel fuel. The LUST case was closed in December 2001 with continuing obligations. A groundwater use restriction is included in the parcel deed due to the presence of PCE in a groundwater sample from April 27, 2001 at a concentration greater than its NR 140 PAL.

The Phase I ESA recommended subsurface investigation to evaluate the above-referenced RECs.

### 1.2 Standard of Care

Terracon’s services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report. These services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal.

### 1.3 Additional Scope Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent,

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inaccessible, unobservable, non-detectable, or not present during these services, and we cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this investigation. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

### 1.4 Reliance

This LSI report is prepared for the exclusive use and reliance of the City of Fort Atkinson. Reliance on the LSI report by the client will be subject to the terms, conditions and limitations stated in our Agreement for Services. Use or reliance by any other party is prohibited without the written authorization of the City of Fort Atkinson and Terracon Consultants, Inc.

Reliance on the LSI by the City of Fort Atkinson and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, LSI report, and Terracon's Agreement. The limitation of liability defined in the Agreement is the aggregate limit of Terracon's liability to the client and all relying parties.

## 2.0 FIELD ACTIVITIES

The objective of this LSI was to evaluate whether the identified Phase I ESA RECs have adversely impacted soil and/or groundwater quality at the site. The LSI is not intended to delineate the extent of impact, if present, or to develop corrective action costs.

### 2.1 Health and Safety

Terracon conducted the fieldwork under a safety plan developed for this project. Work was performed using United States Environmental Protection Agency (USEPA) Level D work attire consisting of hard hats, safety glasses, protective gloves, and protective boots.

### 2.2 Utility Locating

Terracon contacted the State of Wisconsin Diggers Hotline (Ticket #'s 20212818571, 20212818588, and 20212818603) and requested location and markings for all utilities that the service was responsible for before commencing intrusive activities at the site. In addition, Terracon subcontracted All Lines Utility Services to locate private utilities at the site prior to advancing the soil borings. Water and sanitary utilities appear to run from a building located in the center of the Lorman parcel down to Lorman Street. A private electric line (which may be disconnected) exists between the former weigh station on the southern side of the Lorman parcel

and the southeastern building. Additionally, a series of storm drains and an oil/water separator system exist across the Lorman parcel. The City of Fort Atkinson provided information on underground utilities beneath Lorman, Hake, and Jefferson streets.

## **2.3 Soil Sampling**

From July 15-16, 2021, seventeen (17) soil borings (denoted as P-1 through P-17) were advanced at the site to evaluate the subsurface conditions. The borings were placed at locations determined to have the highest potential for impact from the identified RECs.

- Borings P-1 through P-4: These borings were located along the west side of the 115 Lorman Street and 205 Hake Street parcels, to evaluate the potential for the migration of contaminants from the DB Oak Ltd. Property site to the west, the potential presence of contaminants from onsite scrapyard operations and historic fill, and from a UST formerly located in the area of boring P-4. Boring P-2 was located near a fluid collection sump associated with a former storage pad, identified on an October 1999 “Storm Water Pollution Prevention Plan”. Soil borings P-1 through P-4 were advanced to approximately 15 feet below ground surface (bgs).
- Boring P-5: This boring was located in the northwest corner of the 205 Hake Street parcel, to evaluate the potential for the migration of contaminants from the former 10,000-gallon tetrachloroethene AST that was located to the west on the DB Oak Ltd. Property site, and the potential presence of contaminants from onsite scrapyard operations and historic fill. Soil boring P-5 was advanced to approximately 15 feet bgs.
- Boring P-6: This boring was located on the south side of the 115 Lorman Street parcel, to evaluate soil and groundwater conditions associated with the closed onsite LUST case, and the potential presence of contaminants from onsite scrapyard operations and historic fill. Soil boring P-5 was advanced to approximately 15 feet bgs.
- Borings P-7 and P-8: These borings were located on the 600 Oak Street parcel, to evaluate the potential for the migration of contaminants from the former petroleum bulk plant that had been located to the north, and the potential presence of contaminants from the former coal pile operations, onsite scrapyard operations, and historic fill. Soil borings P-7 and P-8 were advanced to approximately 15 feet bgs.
- Boring P-9: This boring was located in the northeast corner of the 115 Lorman Street parcel, to evaluate the potential for the migration of contaminants from the former automobile operations at the 235 Hake Street parcel, and the potential presence of contaminants from the former auto storage area, onsite scrapyard operations, and historic fill. Soil boring P-9 was advanced to approximately 15 feet bgs. Due to shallow fill material



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containing large pieces of metal, soil boring P-9 encountered refusal two times before the soil boring was advanced to depth.

- Boring P-10: This boring was located in the eastern portion of the 205 Hake Street parcel, to evaluate the potential presence of contaminants from the fill pile. Soil boring P-10 was advanced to approximately 15 feet bgs.
- Borings P-11 through P-13: These borings were located adjacent to buildings on the 115 Lorman Street parcel to evaluate former scrapyard operations, including the used oil and antifreeze storage area in the eastern building, near the hydraulic shear, and at the east bailer house. Boring P-12 was located near a feature identified on historic site plans as “oily water collection and separation system”. Soil borings P-11 and P-13 were advanced to approximately 15 feet bgs. Soil boring P-12 was advanced to approximately 20 feet bgs, based on the observed soil/groundwater interface at the time of drilling.
- Borings P-14 through P-17: These borings were located across the 115 Lorman Street parcel to evaluate the potential presence of contaminants from onsite scrapyard operations and historic fill. Boring P-14 was located down-gradient of a former storage pad and fluid collection sump/oil-water separator. Boring P-15 was located in an area of a former tank, fluid collection sump, and oil-water separator. Soil borings P-14, P-16 and P-17 were advanced to approximately 15 feet bgs, and soil boring P-15 was advanced to approximately 20 feet bgs. Additionally, due to shallow fill material containing large metal pieces, soil borings P-16 and P-17 encountered refusal at approximately 2 feet bgs four (4) times before being advanced to a depth of 15 feet bgs.

Soil boring locations are depicted on the Site Diagram (Exhibit 2, Appendix A).

Drilling services were performed using a direct-push sampling rig under the oversight of Terracon personnel. Soil samples were collected continuously to the boring terminus using a 5-foot long, 2-inch diameter core-barrel sampler that was equipped with disposable acetate liners. Drilling equipment was decontaminated before and between uses at each boring location using a high pressure washer.

Soil samples were screened using a photoionization detector (PID) (RAE Systems, MiniRAE 3000) equipped with a 10.6 electron volt (e.V.) lamp to detect the presence of volatile organic compounds (VOCs). The PID was calibrated according to the manufacturer’s instructions using isobutylene gas at a concentration of 100 parts per million by volume (ppmv) prior to beginning the investigation.

Two soil samples were collected from each of the soil borings. One soil sample was selected for analysis from the upper four feet and a second sample was collected from below four feet from the depths with the highest PID readings, or, if the PID readings were not elevated, the shallow

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soil sample was collected from immediately below the surficial unit unless other indications of impacts suggest another sample depth. If elevated PID readings were not observed below four feet, the deeper soil sample was collected from immediately above the apparent soil/groundwater interface.

Shallow soil samples were collected from soil borings P-2, P-3, P-5 through P-10, P-12, P-13, P-16, and P-17 from fill material observed between ground surface and 4 feet bgs. Shallow soil samples collected from soil borings P-1, P-4, P-11, and P-15 were collected from below the surficial unit at approximately 1-foot bgs. Deeper soil samples collected from soil borings P-1 through P-5, P-7 through P-11, P-14, and P-17 were collected from immediately above the soil/groundwater interface in native soil. Deep soil samples collected from soil borings P-6, P-12, P-13, P-15, and P-16 were collected within fill material observed below 4 feet bgs.

The soil samples were collected in laboratory-supplied containers, placed in an ice chest to cool to approximately 4 degrees Celsius (°C), and transferred under chain-of-custody protocol to a Wisconsin-certified laboratory for analysis of VOCs by USEPA Method 8260B, diesel range organics (DRO) by WI Modified DRO, polychlorinated biphenyls (PCBs) by USEPA Method 8082, and Resource Conservation and Recovery Act (RCRA) 8 metals by USEPA Method 6010. The soil samples were also collected for possible analysis of polycyclic aromatic hydrocarbons (PAHs). The DRO analysis was used as a screening tool for heavier weight petroleum compounds. Due to the elevated DRO concentrations (discussed in section 3.1.2) identified in soil samples collected from soil boring P-3, P-4, P-5, P-7 through P-13, and P-15 through P-17, these samples were additionally analyzed for PAHs by USEPA Method 8270. Terracon submitted one methanol blank for quality assurance / quality control (QA/QC).

Soil characteristics (e.g. texture, color) and any unusual odors or discoloration were noted on each soil boring log. Surficial materials consisted of concrete, vegetated soil, and sandy gravel or silty sand fill material. Two types of fill material were identified across the site. Fill consisting of silty sand, containing cinders, metal and concrete pieces was identified across the site at thicknesses varying from less than 1 foot to 6 feet. The second type of fill material consisted of a fine-grained, black sand, which contained traces of cinders and slag. This fill material unit was thinner and observed at soil borings P-12, P-13, and P-15 just above native soils. Generally, the fill was underlain by a clayey silt or silty clay, which varied in thickness from 2 to 9 feet. The clay/silt was underlain by a saturated clayey sand/sandy clay which was present across these two parcels. The soil/groundwater interface ranged from 4 to 11 feet bgs. Detailed soil descriptions and PID readings are presented on the soil boring logs included in Appendix B. Select photographs taken during the LSI are included in Appendix C.

## **2.4 Temporary Groundwater Monitoring Well Installation**

Upon completion of the soil sampling activities, the 17 soil borings (P-1 through P-17) were converted to temporary groundwater monitoring wells to facilitate the collection of groundwater samples. Temporary groundwater monitoring wells were constructed in each soil boring by attaching a 5 or 10-foot section of 1-inch diameter polyvinyl chloride (PVC) well screen to PVC riser pipe. Temporary groundwater monitoring wells P-1 through P-6, P-8, P-9, P-11, and P-13 through P-16 were screened from approximately 5 to 15 feet bgs. Based on the apparent soil/groundwater interface observed at the time of drilling, temporary groundwater monitoring wells P-7, P-12, and P-15 were screened from approximately 10 to 20 feet bgs. Temporary groundwater monitoring well P-17 was screened from approximately 6 to 11 feet bgs due to hole collapse. Temporary groundwater monitoring well P-5 was screened from approximately 2 to 12 feet bgs, P-14 was screened from approximately 4 to 14 feet bgs, and temporary groundwater monitoring well P-10 was screened from approximately 6 to 11 feet bgs.

On July 19, 2021, Terracon personnel returned to the site to collect groundwater samples from the temporary groundwater monitoring wells by inserting disposable tubing into the temporary groundwater monitoring wells and extracting water with a peristaltic pump. Groundwater was purged from each sampling point until generally sediment free water was produced.

The groundwater samples were collected in laboratory-supplied containers, placed in an ice chest to cool to approximately 4°C, and transferred under chain-of-custody protocol to a Wisconsin-certified laboratory for laboratory analysis of VOCs by EPA Method 8260B. After groundwater sampling, the temporary groundwater monitoring wells were abandoned per Chapter NR 141, Wisconsin Administrative Code (WAC). Borehole abandonment forms are included in Appendix B.

## **3.0 ANALYTICAL RESULTS AND DISCUSSION**

### **3.1 Soil Analytical Results**

The WDNR has established guidance for the calculation of soil residual contaminant levels (RCLs) for direct-contact exposure and the protection of groundwater. Background threshold values (BTVs) have also been established for some metals. The guidance document, *Soil Residual Contaminant Level Determinations using the US EPA Regional Screening Level Web Calculator*, PUB-RR-890, dated January 2014 (using input data updated in December 2018) was used to establish RCLs for the site. Soil boring locations are shown on Exhibit 2, Appendix A. Tabulated soil analytical results are shown on Table 1 through Table 4, Appendix D. The laboratory analytical reports and the chain of custody forms are included in Appendix E.

### 3.1.1 VOCs

Several VOC analytes were detected at concentrations above their laboratory analytical limit of detection (LOD) across the site. The following analytes were detected at concentrations exceeding their soil-to-groundwater pathway RCL: benzene (P-8 (4'), P-9 (8'), P-12 (9'), P-13 (5'), P-15 (7'), P-17 (2') and P-17 (7')); 1,1-dichloroethane (P-9 (8')); cis-1,2-dichloroethene (DCE) (P-1 (5'), P-9 (8'), and P-13 (2')); methylene chloride (P-9 (8')); tetrachloroethene (PCE) (P-7 (3'), P-8 (4'), P-11 (1'), and P-12 (2')); trichloroethene (TCE) (P-1 (5'), P-8 (4'), P-9 (8'), P-13 (2'), and P-17 (7')); and vinyl chloride (VC) (P-9 (8')). Native soil samples P-1 (5'), P-9 (8'), and P-17 (7') contained one or more VOCs at concentrations exceeding their respective soil-to-groundwater pathway RCLs. Soil sample P-1 (5') contained the chlorinated VOCs (CVOCs) cis-1-2 DCE and TCE at concentrations above their respective soil-to-groundwater pathway RCLs; however, the shallow soil sample collected from P-1 (2') did not have VOCs detected at concentrations above their analytical LODs. VOCs were not detected at concentrations exceeding either their non-industrial or industrial direct-contact RCLs. A summary of VOC soil analytical results is presented in Table 1, Appendix D.

### 3.1.2 DRO and PAHs

DRO was detected at concentrations above its analytical LOD in 29 of the 35 samples analyzed. The detected DRO concentrations ranged from 1.2 milligrams per kilogram (mg/kg) to 4,210 mg/kg. DRO concentrations were elevated in soil samples from borings P-3 through P-5, P-7 through P-13, and P-15 through P-17; therefore, these samples were submitted for PAH laboratory analysis.

Several PAH analytes were detected at concentrations above their respective analytical LODs in soils across the site. PAHs detected at concentrations exceeding either their soil-to-groundwater pathway or non-industrial, direct-contact RCLs include the following: Benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenz(a,h)anthracene, and naphthalene. Benzo(a)pyrene was detected at concentrations exceeding its soil-to-groundwater pathway RCL in soil samples P-7 (3'), P-13 (2'), and P-15 (1'), and exceeding its non-industrial, direct-contact RCL within soil samples P-3 (1'), P-7 (3'), P-8 (4'), P-9 (2'), P-11 (1'), P-13 (2'), P-15 (1'), P-16 (8'), and P-17 (2'). Benzo(b)fluoranthene was detected at concentrations exceeding its soil-to-groundwater pathway RCL in soil samples P-3 (1'), P-7 (3'), P-8(4'), P-13 (2'), P-15 (1') and P-16 (8') and exceeding its non-industrial, direct-contact RCL in soil samples P-7 (3'). Chrysene was detected at concentrations exceeding its soil-to-groundwater pathway RCL in soil samples P-3 (1'), P-7 (3'), P-8 (4'), P-9 (2'), P-11 (1'), P-13 (2'), P-15 (1'), P-16 (8'), P-17 (2' and 7'). Dibenz(a,h)anthracene was detected at concentrations exceeding its non-industrial, direct-contact RCL in soil sample P-15 (1'). Naphthalene was detected at a concentration exceeding its soil-to-groundwater pathway RCL in soil sample P-15 (7'). PAHs were not detected at concentrations exceeding their respective industrial, direct-contact RCLs. A summary of DRO and PAH soil analytical results is presented in Table 2, Appendix D.

### 3.1.3 Metals

One or more metals were detected in each of the 34 soil samples at concentrations above their analytical LODs. Arsenic was detected in soil samples P-3 (1'), P-5 (2 and 5'), P-7 (3') and P-8 (4') at concentrations above its BTV, industrial direct-contact, and soil to groundwater pathway RCLs. Cadmium was detected in soil samples P-3 (1'), P-4 (1'), P-7 (3'), P-8 (4 and 7'), P-9 (2'), P-11 (1'), P-12 (9'), P-11 (1'), P-12 (9'), P-13 (2'), P-16 (2 and 8'), and P-17 (2 and 7') at concentrations above its soil to groundwater RCL. Chromium was detected in soil samples P-3 (1'), P-9 (2'), P-10 (2'), P-11 (1'), P-12 (2'), P-13 (2'), P-15 (1'), P-16 (2 and 8'), and P-17 (2 and 7') at concentrations above its BTV, but below its RCLs. Lead was detected at concentrations exceeding its industrial, direct-contact RCL in soil samples P-7 (3') and P-8 (4'), and non-industrial, direct-contact RCL in P-8 (7') and P-13 (2'). Lead was also detected in soil samples P-3 (1'), P-4 (1'), P-7 (3'), P-8 (4 and 7'), P-9 (2'), P-11 (1'), P-12 (2 and 9'), P-13 (2 and 5'), P-15 (1'), P-16 (2 and 8'), and P-17 (2 and 7') at concentrations above its soil to groundwater RCL. Selenium was detected in P-17 (2') at a concentration above its soil to groundwater RCL. Silver was detected in soil samples P-3 (1'), P-7 (3'), P-8 (4'), P-10 (2'), P-16 (2'), and P-17 (2') at concentrations above its soil to groundwater RCL. Mercury was detected in soil samples P-3 (1'), P-4 (1'), P-7 (3'), P-9 (2'), P-13 (2 and 5'), and P-15 (1') at concentrations above its soil to groundwater RCL, and at P-7 (3') at a concentration above its non-industrial, direct-contact RCL. A summary of metal soil analytical results is presented in Table 3, Appendix D.

### 3.1.4 PCBs

Three PCBs analytes were detected at concentrations above their analytical LOD, which include PCB-1242 (aroclor 1242), PCB-1254 (aroclor 1254), and PCB-1260 (aroclor 1260). Aroclor 1242 was detected in soil samples P-3 (1') and P-17 (7') at concentrations above its non-industrial, direct-contact RCL, and in soil samples P-9 (2'), P-16 (2 and 8'), and P-17 (2') at concentrations above its industrial, direct-contact RCL. Aroclor 1254 was detected in soil samples P-3 (1'), P-4 (1'), P-9 (2'), P-16 (2'), P-17 (2 and 7') at concentrations above its non-industrial, direct-contact RCL, and P-16 (8') at a concentration above its industrial, direct-contact RCL. Total PCBs were detected at concentrations exceeding its soil-to-groundwater pathway RCL in the following samples: P-2 (2') P-3 (1'), P-3 (7'), P-4 (1'), P-5 (2'), P-9 (2'), P-9 (8'), P-11 (1'), P-12 (2'), P-13 (5'), P-15 (7'), P-16 (2'), P-16 (8'), P-17 (2') and P-17 (7'). The soil samples collected from P-13 (2') and P-15 (1') had elevated LODs, as they were diluted due to an apparent matrix interference. Terracon contacted the laboratory (Pace Analytical) for explanation, and based on the elevated DRO concentrations, the samples were diluted due to the presence of elevated organics, thus increasing the LODs for the PCB analytes. A summary of PCB soil analytical results is presented in Table 4, Appendix D.

### 3.2 Groundwater Analytical Data

The WDNR has established groundwater quality standards, which are set forth in NR 140, WAC. For each regulated compound, two standards have been established, the Enforcement Standard (ES) and the Preventive Action Limit (PAL). In general, if the regulated contaminant exceeds its PAL, but is below its ES, the WDNR may require additional investigation/continued monitoring. If the regulated contaminant is above its ES, the WDNR may require additional investigation, continued monitoring, and/or remediation. Tabulated groundwater data for VOCs is presented in Table 5, Appendix D.

Benzene, 1,1-DCE, cis-1,2,-DCE, trans-1,2-DCE, PCE, TCE, and VC were the VOCs detected at concentrations exceeding NR 140, WAC standards. Benzene was detected at concentrations exceeding its PAL at temporary groundwater monitoring wells P-3, P-11, and P-16. 1,1-DCE was detected at a concentration exceeding its PAL at P-3, and its ES in temporary groundwater monitoring well P-1. Cis-1,2,-DCE was detected at concentrations exceeding its ES at temporary groundwater monitoring wells P-1, P-3 and P-5. Trans-1,2,-DCE was detected at concentrations exceeding its PAL at temporary groundwater monitoring well P-1. PCE was detected at concentrations exceeding its PAL at temporary groundwater monitoring well P-7, and its ES in temporary groundwater monitoring wells P-1 and P-3. TCE was detected at concentrations exceeding its PAL at temporary groundwater monitoring wells P-2, P-5, P-7, and P-8, and its ES at temporary groundwater monitoring wells P-1 and P-3. VC was detected at concentrations exceeding its ES at temporary groundwater monitoring wells P-1, P-2, P-3, P-5, P-6, P-11, P-12, and P-14. A summary of VOC groundwater analytical results is presented in Table 5, Appendix D. The laboratory report and the chain of custody form are included in Appendix E.

## 4.0 SUMMARY AND CONCLUSIONS

The objective of this LSI was to evaluate whether the identified Phase I ESA RECs have adversely impacted soil and/or groundwater quality at the site. The following is a summary of the soil and groundwater analysis:

- Several VOCs were detected at concentrations exceeding their respective soil to groundwater pathway RCLs in soil samples collected from borings P-1, P-7, P-8, P-9, P-12, P-13, P-15, and P-17. However, VOCs were not detected at concentrations exceeding their respective non-industrial, or industrial direct-contact RCLs.
- DRO concentrations were elevated in 28 of 34 soil samples submitted for laboratory analysis; therefore, 28 soil samples were submitted for PAH analysis. Several PAHs were documented across the site at concentrations exceeding their soil-to-groundwater pathway RCL and/or non-industrial, direct-contact RCLs. PAHs did not exceed their respective industrial, direct-contact RCLs.
- Several metals including arsenic, cadmium, lead, silver, and mercury were detected at concentrations exceeding either their soil-to-groundwater pathway RCL or non-industrial,

## Limited Site Investigation Report

Former Loeb-Lorman Scrapyard ■ Fort Atkinson, Wisconsin

September 10, 2021 ■ Terracon Project No. 58217147



direct-contact RCL at several soil boring locations. Lead was detected at concentrations exceeding its industrial, direct-contact RCL within soil samples P-7 and P-8 located on the Oak Street parcel. Arsenic was detected at concentrations exceeding its industrial, direct-contact pathway at P-3, P-5, P-7, and P-8.

- PCBs were detected at concentrations above their non-industrial, direct-contact RCL at P-3, P-4, P-9, P-16, and P-17. At soil samples P-9 (2'), P-16 (2'), P-16 (8') and P-17 (2'), one or more PCBs were detected at concentrations exceeding their industrial, direct-contact RCL at P-9, P-16 and P-17 (Lorman parcel). Total PCB concentrations exceeded the soil-to-groundwater pathway RCL at several locations across the site.
- Benzene, 1,1-DCE, cis-1,2,-DCE, trans-1,2-DCE, PCE, TCE, and VC were the VOCs detected in groundwater at concentrations exceeding NR 140, WAC standards. Benzene was detected at concentrations exceeding its PAL at temporary groundwater monitoring well locations P-3, P-11, and P-16. CVOCs, including PCE and TCE were detected at concentrations exceeding their respective ESs at temporary groundwater monitoring wells P-1 and P-3. The breakdown daughter products of PCE and TCE, cis-1,2-DCE (P-5) and VC were detected at concentrations above their respective ESs at temporary groundwater monitoring wells P-1, P-2, P-3, P-5, P-6, P-11, P-12, and P-14.
- VOCs were detected on all three parcels at concentrations above soil to groundwater RCLs. VOCs on the Hake Street parcel appear to be associated with the off-site DB Oak Ltd. Property to the west, VOCs on the Lorman Street parcel appear attributable to both DB Oak and potential on-site historical activities, and the VOCs on the Oak Street parcel appear attributable to on-site sources.
- PAHs were not detected at concentrations above RCLs on the Hake Street parcel. The detected PAHs on the Oak and Lorman Street parcels appear attributable to the fill and historical operations.
- Metals were detected at concentrations above RCLs primarily on the Oak and Lorman Street parcels, with an arsenic industrial, direct-contact RCL exceedance in 1 of 3 borings on the Hake Street parcel. Lead was detected at concentrations above industrial, direct-contact RCLs in the fill material in both borings on the Oak Street parcel.
- PCBs were not detected at concentrations above direct-contact RCLs on the Hake and Oak Street parcels; however, PCBs were detected at concentrations above industrial, direct-contact RCLs in several borings on the Lorman Street parcel, which appear attributable to on-site operations.

## **5.0 RECOMMENDATIONS**

Terracon recommended reporting these detections to the WDNR using the Notification for Hazardous Substance Discharge (Non-Emergency Only) form 4400-225. Reporting the detections is required per Section 292.11, Wis. Stats, which is also known as the “Spills Law”. The statute requires that a person who possesses or controls a hazardous substance, which is discharged or who causes the discharge of a hazardous substance, shall notify the department immediately of any discharge not exempted by law.

On September 2, 2021, Terracon submitted the 4400-225 form along with a summary of analytical results to the WDNR. In response, it is likely the WDNR will open a case, prepare a responsible party (RP) letter, and require additional investigation and/or remediation. Upon receipt of the RP letter from the WDNR, Terracon recommends preparation/submittal of a Site Investigation Work Plan (SIWP) to the WDNR which will present a plan to further evaluate the magnitude and extent of impacted soil and groundwater identified by the LSI. The Phase I ESA, and LSI report will accompany the SIWP submittal to the WDNR.

## **6.0 GENERAL COMMENTS**

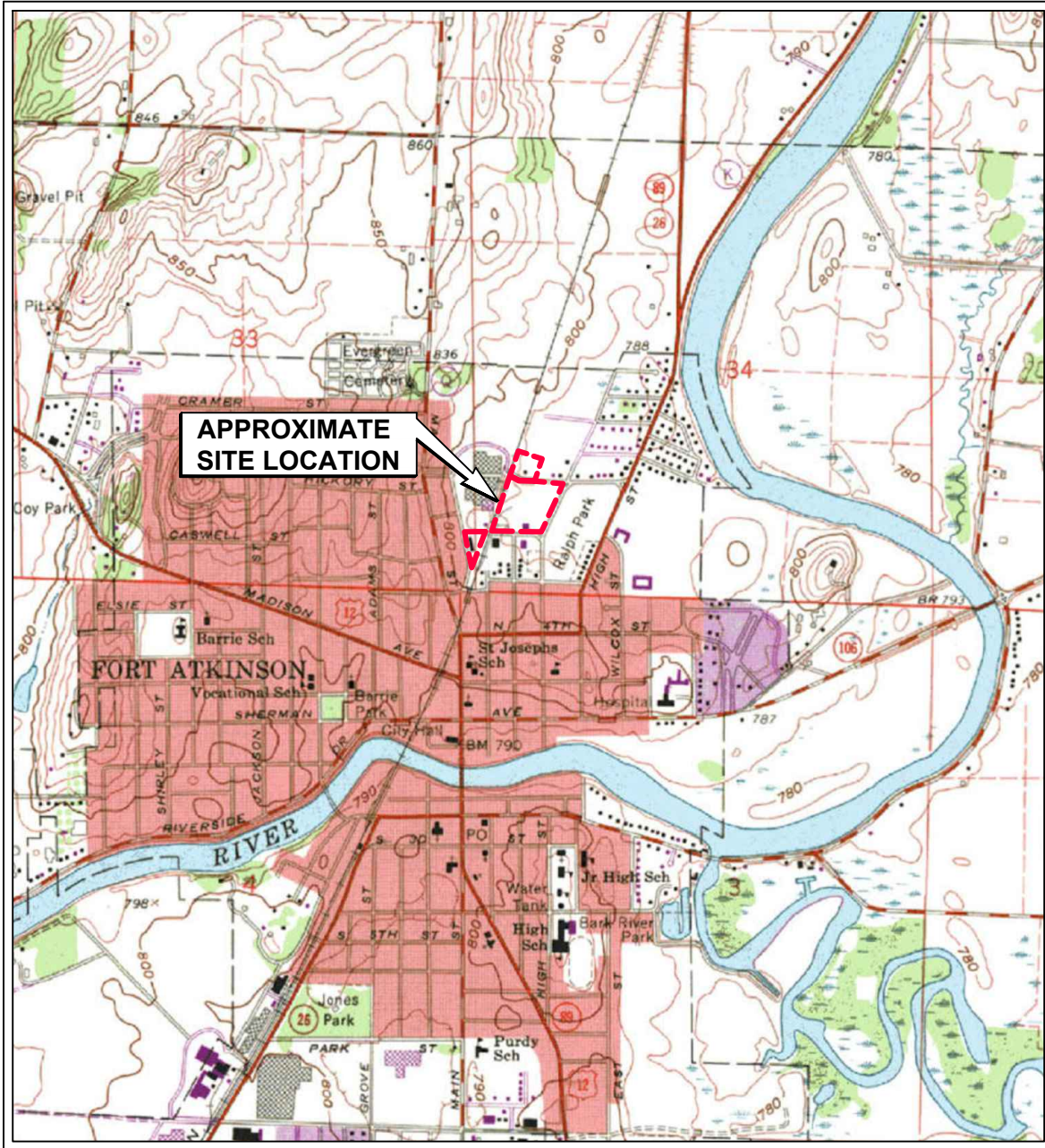
The analysis and opinions expressed in this report are based upon data obtained during this investigation and laboratory chemical analyses at the indicated locations discussed in this report. This report does not reflect variations in subsurface stratigraphy, hydrogeology, and contaminant distribution that may occur across the site. Actual subsurface conditions may vary and may not become evident without further investigation.

This report is prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted environmental engineering practices. No warranties, express or implied are intended or made. In the event any changes in the nature or location of suspected sources of impacts as outlined in this report are observed, the conclusions and recommendations contained in this report shall not be valid unless these changes are reviewed and the opinions of this report are modified or verified in writing by Terracon.

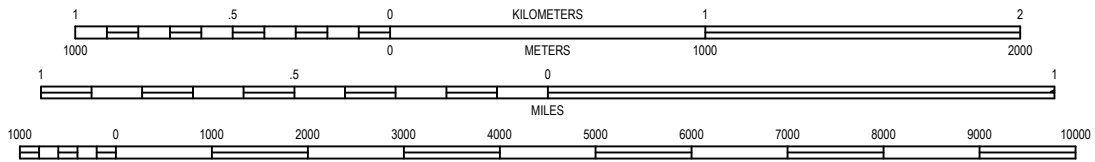


# **APPENDIX A**

## **EXHIBITS**



SCALE 1:24 000



CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

FORT ATKINSON QUADRANGLE  
JEFFERSON COUNTY ~ WISCONSIN  
1971  
7.5 MINUTE SERIES (TOPOGRAPHIC)

DIAGRAM IS FOR GENERAL LOCATION ONLY AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mngr:	TPW
Drawn By:	JLM (41)
Checked By:	TPW
Approved By:	TPW

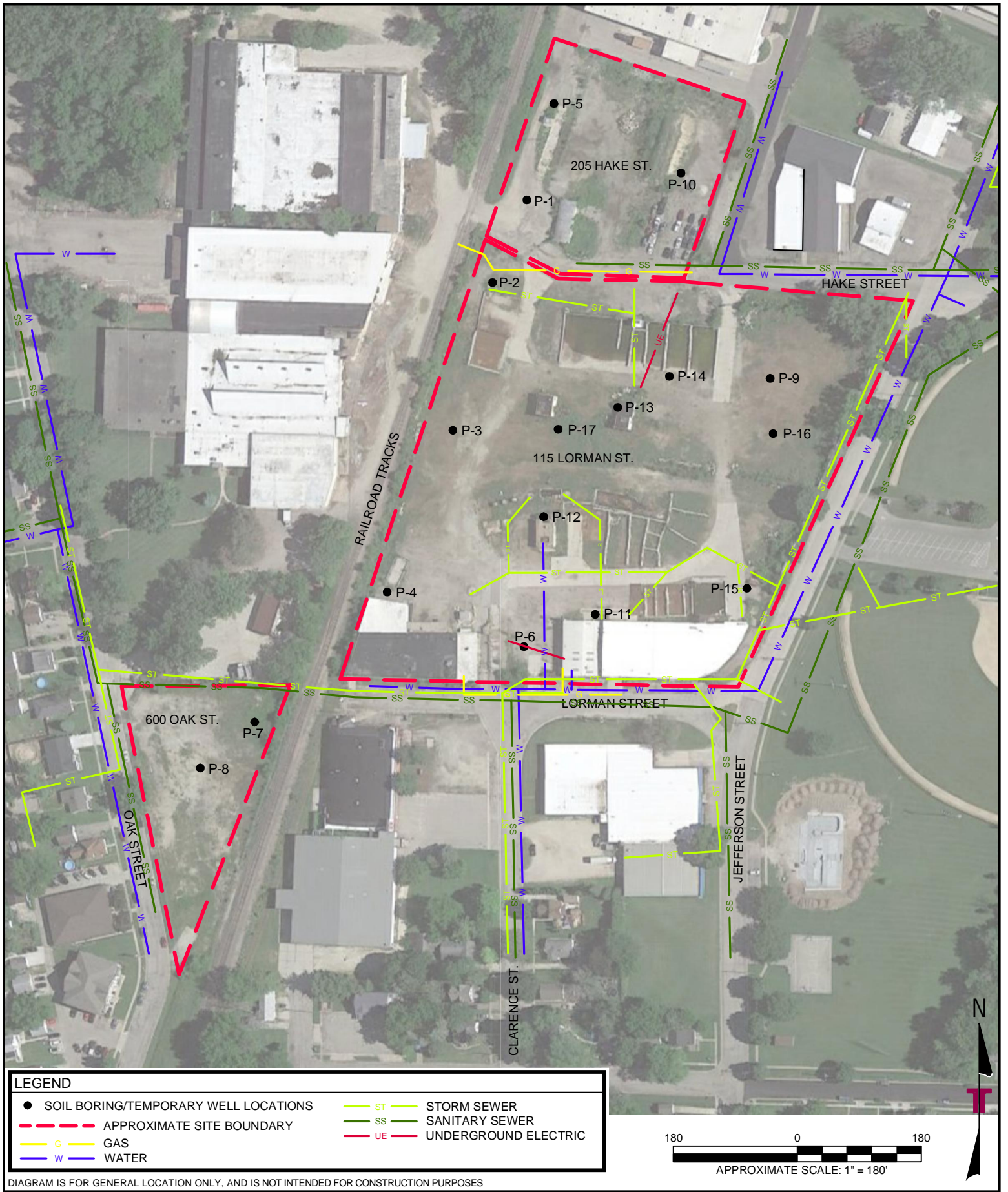
Project No.	58217147
Scale:	AS SHOWN
File No.	58217147C1
Date:	7/2021

**Terracon**  
Consulting Engineers and Scientists

9856 SOUTH 57th STREET FRANKLIN, WI 53132  
PH. (414) 423-0255 FAX. (414) 423-0566

SITE LOCATION MAP
FORMER LOEB - LORMAN SCRAPYARD 115 LORMAN STREET, 205 HAKE STREET, AND 600 OAK STREET FORT ATKINSON, WISCONSIN

EXHIBIT
1
(EX1 TOPO)



LEGEND	
●	SOIL BORING/TEMPORARY WELL LOCATIONS
---	APPROXIMATE SITE BOUNDARY
G	GAS
W	WATER
ST	STORM SEWER
SS	SANITARY SEWER
UE	UNDERGROUND ELECTRIC

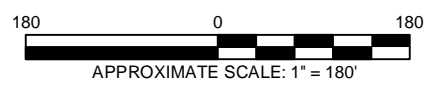


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Mgr:	TPW	Project No.	58217147
Drawn By:	JLM (41)	Scale:	AS SHOWN
Checked By:	TPW	File No.	58217147C1
Approved By:	TPW	Date:	7/2021

**Terracon**  
 Consulting Engineers and Scientists  
 9856 SOUTH 57th STREET FRANKLIN, WI 53132  
 PH. (414) 423-0255 FAX. (414) 423-0566

**SITE DIAGRAM**

FORMER LOEB - LORMAN SCRAPYARD  
 115 LORMAN STREET, 205 HAKE STREET, AND 600 OAK STREET  
 FORT ATKINSON, WISCONSIN

**EXHIBIT**

**2**

(E7) (S3)

## **APPENDIX B**

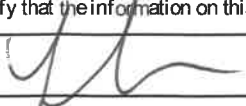
### **SOIL BORING LOGS AND BOREHOLE ABANDONMENT FORMS**

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

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-1</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm		Date Drilling Started <b>7/15/2021</b>		Date Drilling Completed <b>7/15/2021</b>	
Drilling Method <b>Direct Push</b>		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 inches</b>		Common Well Name		DNR Well ID No.	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location		Local Grid Location	
State Plane <b>N, E S/C/N</b>		Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of Section <b>T N, R</b>		Long _____"		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Jefferson</b>		Civil Town/City/ or Village <b>Fort Atkinson</b>	
		County Code <b>28</b>			

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	60 48		1	Sandy Gravel, brown to tan, loose, dry	GP			^							* Sample Submitted	
				2	Clayey Silt, hard, trace gravel, possible fill, hard											ML
2	60 48		6	Sand, brown, well sorted, fine to medium grained, dry	SP			^							* Sample Submitted	
				8												
3	60 0		10	No Recovery				^								
			12													^
			14													^
				End of Boring @ 15'												

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

Signature:  Firm: Terracon Consultants, Inc.  
9856 South 57th Street / Franklin, Wisconsin 53132 Tel: 414-423-0255 Fax: 414-423-0566

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

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

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-2</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started		Drilling Method <b>Direct Push</b>
WT Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>	Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>2.0 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane <b>N, E S/C/N</b>		Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____		1/4 of Section _____, T _____ N, R _____		Long _____" <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County <b>Jefferson</b>	County Code <b>28</b>	Civil Town/City/ or Village <b>Fort Atkinson</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60 39		1	Fill, silty sand, poorly sorted, trace gravel <1"				<1							
			2	Clayey Silt, dark brown, trace organics	ML			<1							* Sample Submitted
2	60 32		6	Sandy Clay, brown to gray, trace gravel <1"	CL			<1							* Sample Submitted
			8	...moist				<1							
3	60 60		10	Sandy Clay, brown to gray, wet	CL										
			14	End of Boring @ 15'											

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

Signature 	Firm <b>Terracon Consultants, Inc.</b> 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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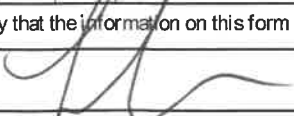
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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-3</b>	
Boring Drilled by: Name of crew chief (first, last) and Firm		Date Drilling Started <b>7/16/2021</b>		Date Drilling Completed <b>7/16/2021</b>	
Drilling Method <b>Direct Push</b>		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 inches</b>		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <b>N, E S/C/N</b>		Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of Section <b>T N, R</b>		Long _____"		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Jefferson</b>		County Code <b>28</b>	
				Civil Town/City/ or Village <b>Fort Atkinson</b>	

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	60 42		0	Fill, silty sand, dark brown, trace gravel, metal, cinders, dry				<1							
			2	Clayey Silt, brown, trace gravel <1, dry				<1							* Sample Submitted
2	60 55		4		ML			<1							
			8	Clayey Sand, fine to medium grained, poorly sorted, trace gravel <1, wet				<1							* Sample Submitted
3	60 47		10		SP			<1							
			12					<1							
			14					<1							
			15	End of Boring @ 15'											

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

Signature:  Firm: Terracon Consultants, Inc.  
9856 South 57th Street / Franklin, Wisconsin 53132 Tel: 414-423-0255 Fax: 414-423-0566

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

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-4</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm		Date Drilling Started <b>7/16/2021</b>		Date Drilling Completed <b>7/16/2021</b>	
Drilling Method <b>Direct Push</b>		WT Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 inches</b>		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <b>N, E S/C/N</b>		Lat <b>° ' "</b>		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of Section <b>T N, R</b>		Long <b>° ' "</b>		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Jefferson</b>		County Code <b>28</b>	
				Civil Town/City/ or Village <b>Fort Atkinson</b>	

Sample Number and Type	Length Att. & Recovered (ft)	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	60 52		0-1	Sandy Gravel, fill, trace cinders	GP			<1							
			1-2	Clayey Silt, brown, trace gravel <1, possible fill	ML			<1							* Sample Submitted
2	60 37		2-6	Sandy Clay, brown, trace of silt, trace gravel <1, wet	CL			<1							* Sample Submitted
3	60 43		6-10	Clayey Sand, brown, fine to medium grained, trace gravel, wet	SP			<1							
			10-14	End of Boring @ 15'				<1							

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

Signature	Firm <b>Terracon Consultants, Inc.</b> 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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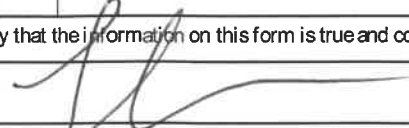


Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-5</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started	Date Drilling Completed	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>	Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>2.0 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane <b>N, E S/C/N</b>			Lat <b>° ' "</b>	<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of <b>T N, R</b>			Long <b>° ' "</b>	<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID	County <b>Jefferson</b>	County Code <b>28</b>	Civil Town/City/ or Village <b>Fort Atkinson</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties						RQD/ Comments
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60 50		1	Fill, sandy gravel, brown to tan, dry				^							
			2	Fill, sandy silt, dark brown, trace gravel <1"				^							
2	60 55		4	Silty Clay, trace organics, soft	CL-ML			^							* Sample Submitted
			6	Sandy Clay, brown to gray, moist	CL			^							* Sample Submitted
3	60 48		10	Clayey Sand, gray, trace gravel <1", wet				^							
			12		SP			^							
			14	End of Boring @ 15'				^							

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

Signature  Firm **Terracon Consultants, Inc.** Tel: 414-423-0255  
9856 South 57th Street / Franklin, Wisconsin 53132 Fax: 414-423-0566

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

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

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-6</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm		Date Drilling Started		Date Drilling Completed	
Drilling Method <b>Direct Push</b>		WT Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 inches</b>		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <b>N, E S/C/N</b>		Lat _____ ' _____ "		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ T N, R		Long _____ ' _____ "		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Jefferson</b>		County Code <b>28</b>	
				Civil Town/City/ or Village <b>Fort Atkinson</b>	

Sample			Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments
Number and Type	Length Att. & Recovered (in)	Blow Counts							Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	
1	60 40		0-2	Fill, sandy gravel, brown to tan, poorly sorted, dry				<1						
			2-4	Fill, gravelly sand, brown, moderately sorted, dry				<1					* Sample Submitted	
2	60 19		4-6	Fill, gravelly sand, brown to gray, moderately sorted, moist ...odor				<1						
			6-8				<1					* Sample Submitted		
3	60 25		8-10	Fill, silty sand, brown to black, hard, crumbly, wet				<1						
			10-12	Sandy Clay, gray, wet, trace gravel <1"	CL			<1						
			12-14	End of Boring @ 15'				<1						

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

Signature	Firm <b>Terracon Consultants, Inc.</b> 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-7</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm		Date Drilling Started <b>7/16/2021</b>		Date Drilling Completed <b>7/16/2021</b>	
Drilling Method <b>Direct Push</b>		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
WI Unique Well No.	DNR Well ID No.	Common Well Name		Borehole Diameter <b>2.0 inches</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane <b>N, E S/C/N</b>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of Section , T N, R		County <b>Jefferson</b>		Civil Town/City/ or Village <b>Fort Atkinson</b>	
Facility ID		County Code <b>28</b>		Civil Town/City/ or Village <b>Fort Atkinson</b>	

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	60 31		2	Fill, sand, brown, poorly sorted, fine grained, dry				^								
			4					^								
2	60 48		6	Silty Clayey, brown to dark brown				^								* Sample Submitted
			8					^								
			10	...moist	CL			^								
3	60 21		12	...wet				^								
			14					^								
4	60 38		16	Sand, gray, well sorted, traces gravel <1", wet	SP			^								
			18					^								
			20	End of Boring @ 15'				^								

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

Signature Firm **Terracon Consultants, Inc.** Tel: 414-423-0255  
9856 South 57th Street / Franklin, Wisconsin 53132 Fax: 414-423-0566

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

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-8</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm		Date Drilling Started <b>7/16/2021</b>		Date Drilling Completed <b>7/16/2021</b>	
Drilling Method <b>Direct Push</b>		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 inches</b>		Common Well Name		DNR Well ID No.	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location		State Plane	
State Plane <b>N, E S/C/N</b>		Lat _____ ' _____"		Long _____ ' _____"	
1/4 of Section _____ T _____ N, R		Feet <input type="checkbox"/> N <input type="checkbox"/> E		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Jefferson</b>		Civil Town/City/ or Village <b>Fort Atkinson</b>	
		County Code <b>28</b>			

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	60 25		1	Fill, sand, brown to tan, poorly sorted, fine to coarse grained, trace gravel <1"				^						
			2	Fill, sand, dark brown to black, trace metal and cinders, dry				^						
2	60 30		4	Fill, silty clay, brown, trace cinders				^						*Sample Submitted
			6	Sandy Clay, brown, trace gravel <1", moist	CL			^						
3	60 40		8	Clayey Sand, brown, fine grained, trace gravel <1", wet				^						*Sample Submitted
			10	...gray, wet	SP			^						
			12					^						
			14					^						
				End of Boring @ 15'				^						

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

Signature 	Firm <b>Terracon Consultants, Inc.</b> 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-9</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>7/15/2021</b>	Date Drilling Completed <b>7/15/2021</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>	Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>2.0 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane <b>N, E S/C/N</b>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of Section <b>T N, R</b>		Long <b>° ' "</b>		Feet <b>° ' "</b>	
Facility ID	County <b>Jefferson</b>	County Code <b>28</b>	Civil Town/City/ or Village <b>Fort Atkinson</b>		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties					RQD/ Comments	
									Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200		
1	60 35		0-2	Fill, sandy gravel, brown, trace metal and cinders				<1							
			2-4	Fill, sandy silt, brown to taw brown, trace metal and cinders				<1							* Sample Submitted
2	60 41		4-6	Sandy Clay, gray, trace gravel, wet				<1							
			6-10	...moist	CL			<1							* Sample Submitted
3	60 36		10-15	End of Boring @ 15'				<1							

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

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-10</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started <b>7/15/2021</b>	Date Drilling Completed <b>7/15/2021</b>	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>	Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>2.0 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane 1/4 of _____ 1/4 of Section _____ T _____ N, R			Lat _____ ° _____ ' _____ " <input type="checkbox"/> N <input type="checkbox"/> E Long _____ ° _____ ' _____ " <input type="checkbox"/> S <input type="checkbox"/> W		
Facility ID		County <b>Jefferson</b>	County Code <b>28</b>	Civil Town/City/ or Village <b>Fort Atkinson</b>	

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	60 41		2	Fill, gravelly sand, gray to brown, poorly sorted, medium to coarse grained, trace cinders				^							
			4	Silty Clay, dark brown, trace organics, soft	CL-ML			^						* Sample Submitted	
2	60 51		6	Sandy Clay, brown to gray				^							
			8	...moist to wet	CL			^					* Sample Submitted		
3	60 55		10	...wet				^							
			12	Clayey Sand, fine grained, trace of gravel <1, wet	SP			^							
			14	End of Boring @ 15'				^							

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

Signature 	Firm <b>Terracon Consultants, Inc.</b> 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-11</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm		Date Drilling Started <b>7/15/2021</b>		Date Drilling Completed <b>7/15/2021</b>	
Drilling Method <b>Direct Push</b>		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 inches</b>		WT Unique Well No.		DNR Well ID No.	
Common Well Name		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <b>N, E S/C/N</b>		Lat <input type="checkbox"/> N <input type="checkbox"/> E		Feet <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of Section <b>T N, R</b>		Long <input type="checkbox"/> Feet		Feet <input type="checkbox"/> W	
Facility ID		County <b>Jefferson</b>		Civil Town/City/ or Village <b>Fort Atkinson</b>	
		County Code <b>28</b>			

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	60 28		0-2	Silty Sand, brown, trace of organics and topsoil	SM GP			^							* Sample Submitted
			2-4	Sandy Gravel, brown to tan, dry				^							
			4-14	Silty Clay, brown to dark brown, trace gravel <1", hard				^							
2	60 20		6-10	...gray	CL-ML			^							* Sample Submitted
3	60 51		10-14	Sandy Clay, gray, wet	CL			^							
			14-15	End of Boring @ 15'				^							

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

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-12</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm		Date Drilling Started <b>7/15/2021</b>		Date Drilling Completed <b>7/15/2021</b>	
Drilling Method <b>Direct Push</b>		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 inches</b>		WT Unique Well No.		DNR Well ID No.	
Common Well Name		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location		Local Grid Location	
State Plane <b>N, E S/C/N</b>		Lat _____ ' _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ T N, R		Long _____ ' _____"		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Jefferson</b>		County Code <b>28</b>	
		Civil Town/City/ or Village <b>Fort Atkinson</b>			

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	60		0-2	Sandy Gravel, dark brown to tan, trace of metal	GP			^							
			2-4	Sandy Silt, brown, fine to medium grained, dry	ML			^							* Sample Submitted
2	60		4-6	Sand, dark brown to black, fine grained, trace of cinders and brick ...moist	SP			^							
			6-8	Sand, black, trace cinders, soft	SP			^							
3	60		8-10	Peat, organics, soft, wet	Pt			^							* Sample Submitted
			10-12	Sandy Clay, gray, wet	CL			^							
4	60		12-16	Clayey Sand, gray, poorly sorted, wet	SP			^							
			16-20	End of Boring @ 20'				^							

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

Signature	Firm <b>Terracon Consultants, Inc.</b> 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-13</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm			Date Drilling Started	Date Drilling Completed	Drilling Method <b>Direct Push</b>
WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level <b>Feet MSL</b>	Surface Elevation <b>Feet MSL</b>	Borehole Diameter <b>2.0 inches</b>
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>			Local Grid Location		
State Plane 1/4 of _____ 1/4 of Section _____ T _____ N, R _____		Lat _____ ° _____ ' _____ "		Long _____ ° _____ ' _____ "	
Facility ID _____		County <b>Jefferson</b>	County Code <b>28</b>	Civil Town/City/ or Village <b>Fort Atkinson</b>	

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		60 32		0-2	Silty Sand, fill, brown, trace metal and cinders, crumbly	SM			<1							
				2-4	Sand, dark brown to black, fine grained, crumbly, trace slag	SP			<1							* Sample Submitted
2		60 15		4-6	Silty Clay, gray, trace organics, soft, wet	CL-ML			<1							* Sample Submitted
				6-10					<1							
3		60 47		10-12	Sand, gray, fine to medium grained, well sorted, wet	SP			<1							
				12-14					<1							
				14-15	End of Boring @ 15'				<1							

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Signature: Firm: **Terracon Consultants, Inc.**  
9856 South 57th Street / Franklin, Wisconsin 53132 Tel: 414-423-0255 Fax: 414-423-0566

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

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-14</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm		Date Drilling Started		Date Drilling Completed	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>		Borehole Diameter <b>2.0 inches</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane <b>N, E S/C/N</b>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of Section <b>T N, R</b>		Lat <b>° ' "</b>		Long <b>° ' "</b>	
Facility ID		County <b>Jefferson</b>		Civil Town/City/ or Village <b>Fort Atkinson</b>	
		County Code <b>28</b>			

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	60 38		0	Concrete				^							
			2	Sand, brown, fine grained, well sorted, dry	SP			^							
2	60 36		4	Clayey Silt, brown, trace gravel <1", dry	ML			^							*Sample Submitted
			6	Sand, fine to medium grained, well sorted, moist	SP			^							
3	60 41		8	Clayey, trace gravel <1", hard, wet	CL			^							
			10	Sandy Clay, brown to gray, trace gravel <1", wet	CL			^							
			12					^							
			14					^							
			15	End of Boring @ 15'				^							

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

Signature	Firm <b>Terracon Consultants, Inc.</b> 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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Route To:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-15</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm		Date Drilling Started <b>7/15/2021</b>		Date Drilling Completed <b>7/15/2021</b>	
Drilling Method <b>Direct Push</b>		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 inches</b>		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <b>N, E S/C/N</b>		Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ T N, R		Long _____"		Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W	
Facility ID		County <b>Jefferson</b>		Civil Town/City/ or Village <b>Fort Atkinson</b>	
		County Code <b>28</b>			

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	60 40		1	Fill, sandy gravel, brown to tan, trace cinders				<1						* Sample Submitted
			2	Fill, sand, tan to brown, fine grained, well sorted				<1						
2	60 36		4	Fill, silty sand, brown to black, trace cinders, crumbly ...moist				<1					* Sample Submitted	
			6	Clay, dark brown, trace organics, possible peat, soft	CL		▼	<1						
3	60 36		10	Clay, brown to gray, trace gravel <1"	CL			<1						
			12	Sandy Clay, gray, wet	CL			<1						
4	60 42		14		CL			<1						
			16	Silty Sand, gray, fine to medium grained, well sorted, wet	SM			<1						
			20	End of Boring @ 20'				<1						

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

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

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-16</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm		Date Drilling Started		Date Drilling Completed	
WI Unique Well No.		DNR Well ID No.		Common Well Name	
Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>		Borehole Diameter <b>2.0 inches</b>	
Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		State Plane <b>N, E S/C/N</b>		Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
1/4 of Section <b>T N, R</b>		Lat _____ ' _____"		Long _____ ' _____"	
Facility ID		County <b>Jefferson</b>		Civil Town/City/ or Village <b>Fort Atkinson</b>	
		County Code <b>28</b>			

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	60 35		0-2	Fill, sandy gravel, brown, trace metal and cinders				<1							
			2-4	Fill, sandy silt, dark brown, trace metals and cinders				<1						* Sample Submitted	
2	60 41		4-6					<1							
			6-8	Sandy Silt, gray, trace gravel <1", moist	ML			<1						* Sample Submitted	
3	60 60		8-10	Sandy Clay, gray, trace gravel <1", wet				<1							
			10-12		CL			<1							
			12-14					<1							
			14	End of Boring @ 15'				<1							

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

Signature	Firm <b>Terracon Consultants, Inc.</b> 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
-----------	--	--

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

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

Facility/Project Name <b>58217147</b>		License/Permit/Monitoring Number		Boring Number <b>P-17</b>	
Boring Drilled By: Name of crew chief (first, last) and Firm		Date Drilling Started <b>7/16/2021</b>		Date Drilling Completed <b>7/16/2021</b>	
Drilling Method <b>Direct Push</b>		Final Static Water Level <b>Feet MSL</b>		Surface Elevation <b>Feet MSL</b>	
Borehole Diameter <b>2.0 inches</b>		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Boring Location <input type="checkbox"/>		Local Grid Location	
State Plane <b>N, E S/C/N</b>		Lat _____"		<input type="checkbox"/> N <input type="checkbox"/> E	
1/4 of _____ T N, R		Long _____"		<input type="checkbox"/> S <input type="checkbox"/> W	
Facility ID		County <b>Jefferson</b>		Civil Town/City/ or Village <b>Fort Atkinson</b>	
		County Code <b>28</b>			

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	60 33		2	Fill, silty sand, dark brown, trace cinders and metal, crumbly, slight odors, dry				<1							* Sample Submitted
2	60 15		6	Clayey Silt, brown, trace of organics, moist	ML			<1							* Sample Submitted
3	60 38		10	...wet				<1							
			12	Clayey Sand, gray to brown, trace gravel <1", wet, odors	SP			<1							
			14	End of Boring @ 15'				<1							

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

Signature 	Firm <b>Terracon Consultants, Inc.</b> 9856 South 57th Street / Franklin, Wisconsin 53132	Tel: 414-423-0255 Fax: 414-423-0566
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# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information			2. Facility / Owner Information		
County	WI Unique Well # of Removed Well	Hicap #	Facility Name	Former Loeb-Lorman Scrapyard	
Latitude / Longitude (see instructions)			Facility ID (FID or PWS)		

Latitude / Longitude (see instructions)	Format Code	Method Code	License/Permit/Monitoring #
_____ N	<input type="checkbox"/> DD	<input type="checkbox"/> GPS008	
_____ W	<input type="checkbox"/> DDM	<input type="checkbox"/> SCR002	
		<input type="checkbox"/> OTH001	

¼ / ¼	Section	Township	Range	Original Well Owner
_____		N	<input type="checkbox"/> E <input type="checkbox"/> W	
or Gov't Lot #	Present Well Owner			
Well Street Address				

Well City, Village or Town	Well ZIP Code	Mailing Address of Present Owner
		115 Lorman Street, 600 Oak Street & 205 Hake Street

Subdivision Name	Lot #	City of Present Owner	State	ZIP Code
		Fort Atkinson	WI	53538

Reason for Removal from Service	WI Unique Well # of Replacement Well	4. Pump, Liner, Screen, Casing & Sealing Material		
		Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

3. Filled & Sealed Well / Drillhole / Borehole Information			<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Monitoring Well	P-1	Original Construction Date (mm/dd/yyyy)	<input type="checkbox"/> Yes
<input type="checkbox"/> Water Well		7/15/2021	<input type="checkbox"/> No
<input checked="" type="checkbox"/> Borehole / Drillhole		If a Well Construction Report is available, please attach.	<input checked="" type="checkbox"/> N/A

Construction Type:		Screen removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	Casing left in place?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Other (specify):	Direct Push	Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Formation Type:		Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)	Required Method of Placing Sealing Material	
15	1	<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
Lower Drillhole Diameter (in.)	Casing Depth (ft.)	<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____
2	15	Sealing Materials	

Was well annular space grouted?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
If yes, to what depth (feet)?	Depth to Water (feet)	For Monitoring Wells and Monitoring Well Boreholes Only:			
N/A	5	<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout	<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	15	1/4 bag	

**6. Comments**

Borehole converted to a temp well; then abandoned after sample collection

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	Date Received	Noted By
Terracon Consultants, Inc.		7/19/2021		
Street or Route	Telephone Number	Comments		
9856 South 57th Street	(414) 423-0255			
City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Franklin	WI	53132		8-23-21

# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_


1. Well Location Information				2. Facility / Owner Information			
County		WI Unique Well # of Removed Well		Hicap #		Facility Name	
Latitude / Longitude (see instructions)		Format Code		Method Code		Facility ID (FID or PWS)	
_____ N _____ W		<input type="checkbox"/> DD <input type="checkbox"/> DDM		<input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		License/Permit/Monitoring #	
1/4 / 1/4		Section		Township		Original Well Owner	
or Gov't Lot #		_____		N		Present Well Owner	
Well Street Address				Mailing Address of Present Owner			
Well City, Village or Town				115 Lorman Street, 600 Oak Street & 205 Hake Street			
Subdivision Name				Lot #		City of Present Owner	
Reason for Removal from Service				WI Unique Well # of Replacement Well		State	
_____				_____		WI	
_____				_____		ZIP Code	
_____				_____		53538	

3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy)		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		7/16/2021		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole		If a Well Construction Report is available, please attach.		Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Screen removed?			
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>				Casing left in place?			
Formation Type:				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Was casing cut off below surface?			
Total Well Depth From Ground Surface (ft.)		Casing Diameter (in.)		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
15		1		Did sealing material rise to surface?			
Lower Drillhole Diameter (in.)		Casing Depth (ft.)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
2		15		Did material settle after 24 hours?			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
If yes, to what depth (feet)?		Depth to Water (feet)		If yes, was hole retopped?			
N/A		6		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
If bentonite chips were used, were they hydrated with water from a known safe source?				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Required Method of Placing Sealing Material				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)				<input type="checkbox"/> Other (Explain): _____			
Sealing Materials				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete			
<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips				For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout				<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Sand Slurry			
<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry							

5. Material Used to Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	15	1/4 bag	

**6. Comments**

Borehole converted to a temp well; then abandoned after sample collection

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	Date Received	Noted By
Terracon Consultants, Inc.			7/19/2021		
Street or Route			Telephone Number	Comments	
9856 South 57th Street			( 414 ) 423-0255		
City	State	ZIP Code	Signature of Person Doing Work	Date Signed	
Franklin	WI	53132		8/23/21	

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

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

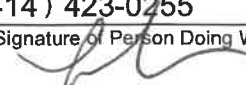
1. Well Location Information				2. Facility / Owner Information			
County		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>Former Loeb-Lorman Scrapyard</b>	
Latitude / Longitude (see instructions)		Format Code		Method Code		Facility ID (FID or PWS)	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008		License/Permit/Monitoring #	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> OTH001		Original Well Owner	
¼ / ¼	¼	Section	Township	Range	<input type="checkbox"/> E	Present Well Owner	
or Gov't Lot #		N		<input type="checkbox"/> W		Mailing Address of Present Owner <b>115 Lorman Street, 600 Oak Street &amp; 205 Hake Street</b>	
Well Street Address				City of Present Owner			
Well City, Village or Town				Well ZIP Code		State      ZIP Code	
Subdivision Name				Lot #		<b>Fort Atkinson      WI      53538</b>	
Reason for Removal from Service		WI Unique Well # of Replacement Well		4. Pump, Liner, Screen, Casing & Sealing Material			

3. Filled & Sealed Well / Drillhole / Borehole Information			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy)	
<input type="checkbox"/> Water Well		<b>7/16/2021</b>	
<input checked="" type="checkbox"/> Borehole / Drillhole		If a Well Construction Report is available, please attach.	
Construction Type:			
<input type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)	
<input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>		<input type="checkbox"/> Dug	
Formation Type:			
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.)		Casing Diameter (in.)	
<b>15</b>		<b>1</b>	
Lower Drillhole Diameter (in.)		Casing Depth (ft.)	
<b>2</b>		<b>15</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown			
If yes, to what depth (feet)?		Depth to Water (feet)	
<b>N/A</b>		<b>10</b>	
4. Pump, Liner, Screen, Casing & Sealing Material			
Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Screen removed?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Casing left in place?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Was casing cut off below surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Did material settle after 24 hours?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If bentonite chips were used, were they hydrated with water from a known safe source?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Required Method of Placing Sealing Material			
<input type="checkbox"/> Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped	
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)		<input type="checkbox"/> Other (Explain): _____	
Sealing Materials			
<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Concrete	
<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole			
From (ft.)		To (ft.)	
Surface		<b>15</b>	
No. Yards, Sacks Sealant or Volume (circle one)		Mix Ratio or Mud Weight	
<b>1/4 bag</b>			
3/8" Bentonite Chips			

**6. Comments**

**Borehole converted to a temp well; then abandoned after sample collection**

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing		License #		Date Received	
<b>Terracon Consultants, Inc.</b>				Noted By	
Date of Filling & Sealing or Verification (mm/dd/yyyy)		<b>7/19/2021</b>			
Street or Route			Telephone Number		Comments
<b>9856 South 57th Street</b>			<b>( 414 ) 423-0255</b>		
City		State		ZIP Code	
<b>Franklin</b>		<b>WI</b>		<b>53132</b>	
Signature of Person Doing Work				Date Signed	
				<b>8-23-21</b>	



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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

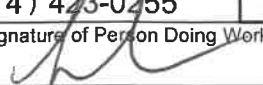
1. Well Location Information				2. Facility / Owner Information			
County		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>Former Loeb-Lorman Scrapyard</b>	
Latitude / Longitude (see instructions)		Format Code		Method Code		Facility ID (FID or PWS)	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008		License/Permit/Monitoring #	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002		Original Well Owner	
_____ / _____		Section		Township		Present Well Owner	
or Gov't Lot #		_____		Range <input type="checkbox"/> E		Mailing Address of Present Owner	
Well Street Address		_____		_____		<b>115 Lorman Street, 600 Oak Street &amp; 205 Hake Street</b>	
Well City, Village or Town		Well ZIP Code		City of Present Owner		State ZIP Code	
Subdivision Name		Lot #		<b>Fort Atkinson</b>		<b>WI 53538</b>	
Reason for Removal from Service		WI Unique Well # of Replacement Well		4. Pump, Liner, Screen, Casing & Sealing Material			

3. Filled & Sealed Well / Drillhole / Borehole Information			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy)	
<input type="checkbox"/> Water Well		<b>7/16/2021</b>	
<input checked="" type="checkbox"/> Borehole / Drillhole		If a Well Construction Report is available, please attach.	
Construction Type:			
<input type="checkbox"/> Drilled		<input type="checkbox"/> Dug	
<input type="checkbox"/> Driven (Sandpoint)		<input type="checkbox"/> Other (specify): <b>Direct Push</b>	
Formation Type:			
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.)		Casing Diameter (in.)	
<b>15</b>		<b>1</b>	
Lower Drillhole Diameter (in.)		Casing Depth (ft.)	
<b>2</b>		<b>15</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown			
If yes, to what depth (feet)?		Depth to Water (feet)	
<b>N/A</b>		<b>11</b>	

5. Material Used to Fill Well / Drillhole			
<b>3/8" Bentonite Chips</b>		From (ft.)	To (ft.)
		Surface	<b>15</b>
		No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
		<b>1/4 bag</b>	

**6. Comments**

**Borehole converted to a temp well; then abandoned after sample collection**

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	Date Received	Noted By
<b>Terracon Consultants, Inc.</b>			<b>7/19/2021</b>		
Street or Route			Telephone Number	Comments	
<b>9856 South 57th Street</b>			<b>( 414 ) 423-0255</b>		
City	State	ZIP Code	Signature of Person Doing Work	Date Signed	
<b>Franklin</b>	<b>WI</b>	<b>53132</b>		<b>8-23-21</b>	

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**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>Former Loeb-Lorman Scrapyard</b>	
Latitude / Longitude (see instructions)		Format Code		Method Code		Facility ID (FID or PWS)	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008		License/Permit/Monitoring #	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002		Original Well Owner	
_____ E		Section		Township		Present Well Owner	
_____ W		_____ N		Range		Mailing Address of Present Owner <b>115 Lorman Street, 600 Oak Street &amp; 205 Hake Street</b>	
or Gov't Lot #		Well Street Address		Well ZIP Code		City of Present Owner <b>Fort Atkinson</b>	
Well City, Village or Town		Subdivision Name		Lot #		State <b>WI</b>	
Reason for Removal from Service		WI Unique Well # of Replacement Well		City of Present Owner <b>Fort Atkinson</b>		ZIP Code <b>53538</b>	

3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy)		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		<b>P-5</b>		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole		<b>7/15/2021</b>		Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:		If a Well Construction Report is available, please attach.		Screen removed?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Drilled				Casing left in place?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Driven (Sandpoint)				Was casing cut off below surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Dug				Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>				Did material settle after 24 hours?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type:				If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock		If bentonite chips were used, were they hydrated with water from a known safe source?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.)		Casing Diameter (in.)		Required Method of Placing Sealing Material			
<b>15</b>		<b>1</b>		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
Lower Drillhole Diameter (in.)		Casing Depth (ft.)		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
<b>2</b>		<b>12</b>		Sealing Materials			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete			
If yes, to what depth (feet)?		Depth to Water (feet)		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
<b>N/A</b>		<b>6</b>		For Monitoring Wells and Monitoring Well Boreholes Only:			
				<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

5. Material Used to Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	<b>15</b>	<b>1/4 bag</b>	
<b>3/8" Bentonite Chips</b>			

**6. Comments**

**Borehole converted to a temp well; then abandoned after sample collection**

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>Terracon Consultants, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	Date Received	Noted By
			<b>7/19/2021</b>		
Street or Route <b>9856 South 57th Street</b>			Telephone Number <b>( 414 ) 423-0255</b>	Comments	
City <b>Franklin</b>	State <b>WI</b>	ZIP Code <b>53132</b>	Signature of Person Doing Work 	Date Signed <b>8/23/21</b>	

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

**Route to DNR Bureau:**

**Verification Only of Fill and Seal**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**

County	WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions)	Format Code	Method Code
_____ N	<input type="checkbox"/> DD	<input type="checkbox"/> GPS008
_____ W	<input type="checkbox"/> DDM	<input type="checkbox"/> SCR002
1/4 / 1/4	Section	Township
_____	_____	_____
or Gov't Lot #		Range <input type="checkbox"/> E
		<input type="checkbox"/> W
Well Street Address		
Well City, Village or Town		
Well ZIP Code		
Subdivision Name		Lot #
Reason for Removal from Service	WI Unique Well # of Replacement Well	

**2. Facility / Owner Information**

Facility Name	<b>Former Loeb-Lorman Scrapyard</b>	
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner		
Present Well Owner		
Mailing Address of Present Owner	<b>115 Lorman Street, 600 Oak Street &amp; 205 Hake Street</b>	
City of Present Owner	State	ZIP Code
<b>Fort Atkinson</b>	<b>WI</b>	<b>53538</b>

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

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

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips

**For Monitoring Wells and Monitoring Well Boreholes Only:**

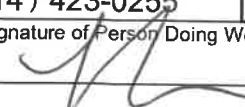
<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	15	1/4 bag	

**6. Comments**

Borehole converted to a temp well; then abandoned after sample collection

**7. Supervision of Work**

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	<b>DNR Use Only</b>	
<b>Terracon Consultants, Inc.</b>		<b>7/19/2021</b>	Date Received	Noted By
Street or Route	Telephone Number	Comments		
<b>9856 South 57th Street</b>	<b>(414) 423-0255</b>			
City	State	ZIP Code	Signature of Person Doing Work	Date Signed
<b>Franklin</b>	<b>WI</b>	<b>53132</b>		<b>8-23-21</b>

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

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**

County \_\_\_\_\_ WI Unique Well # of Removed Well \_\_\_\_\_ Hicap # \_\_\_\_\_

Latitude / Longitude (see instructions) \_\_\_\_\_ N \_\_\_\_\_ W \_\_\_\_\_

Format Code  DD  DDM

Method Code  GPS008  SCR002  OTH001

1/4 / 1/4 \_\_\_\_\_ Section \_\_\_\_\_ Township \_\_\_\_\_ Range  E  W

or Gov't Lot # \_\_\_\_\_

Well Street Address \_\_\_\_\_

Well City, Village or Town \_\_\_\_\_ Well ZIP Code \_\_\_\_\_

Subdivision Name \_\_\_\_\_ Lot # \_\_\_\_\_

Reason for Removal from Service \_\_\_\_\_ WI Unique Well # of Replacement Well \_\_\_\_\_

**2. Facility / Owner Information**

Facility Name  
**Former Loeb-Lorman Scrapyard**

Facility ID (FID or PWS) \_\_\_\_\_

License/Permit/Monitoring # \_\_\_\_\_

Original Well Owner \_\_\_\_\_

Present Well Owner \_\_\_\_\_

Mailing Address of Present Owner  
**115 Lorman Street, 600 Oak Street & 205 Hake Street**

City of Present Owner **Fort Atkinson** State **WI** ZIP Code **53538**

**3. Filled & Sealed Well / Drillhole / Borehole Information**

Monitoring Well       Water Well       Borehole / Drillhole

Original Construction Date (mm/dd/yyyy)  
**7/16/2021**

If a Well Construction Report is available, please attach. \_\_\_\_\_

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

Pump and piping removed?  Yes  No  N/A

Liner(s) removed?  Yes  No  N/A

Liner(s) perforated?  Yes  No  N/A

Screen removed?  Yes  No  N/A

Casing left in place?  Yes  No  N/A

Was casing cut off below surface?  Yes  No  N/A

Did sealing material rise to surface?  Yes  No  N/A

Did material settle after 24 hours?  Yes  No  N/A

If yes, was hole retopped?  Yes  No  N/A

If bentonite chips were used, were they hydrated with water from a known safe source?  Yes  No  N/A

Required Method of Placing Sealing Material

Conductor Pipe-Gravity       Conductor Pipe-Pumped

Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

Sealing Materials

Neat Cement Grout       Concrete

Sand-Cement (Concrete) Grout       Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips       Bentonite - Cement Grout

Granular Bentonite       Bentonite - Sand Slurry

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): **Direct Push**

Formation Type:

Unconsolidated Formation       Bedrock

Total Well Depth From Ground Surface (ft.) **20** Casing Diameter (in.) **1**

Lower Drillhole Diameter (in.) **2** Casing Depth (ft.) **20**

Was well annular space grouted?  Yes  No  Unknown

If yes, to what depth (feet)? **N/A** Depth to Water (feet) **11.5**

**5. Material Used to Fill Well / Drillhole**

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	20	1/4 bag	

**6. Comments**

**Borehole converted to a temp well; then abandoned after sample collection**

**7. Supervision of Work**

			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>Terracon Consultants, Inc.</b>	License # _____	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>7/19/2021</b>	Date Received _____	Noted By _____
Street or Route <b>9856 South 57th Street</b>		Telephone Number <b>( 414 ) 423-0255</b>	Comments _____	
City <b>Franklin</b>	State <b>WI</b>	ZIP Code <b>53132</b>	Signature of Person Doing Work 	Date Signed <b>8-23-21</b>

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

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>Former Loeb-Lorman Scrapyard</b>	
Latitude / Longitude (see instructions)		Format Code		Method Code		Facility ID (FID or PWS)	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008		License/Permit/Monitoring #	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002		Original Well Owner	
1/4 / 1/4		Section		Township		Present Well Owner	
or Gov't Lot #		_____		N		Mailing Address of Present Owner <b>115 Lorman Street, 600 Oak Street &amp; 205 Hake Street</b>	
Well Street Address				City of Present Owner			
Well City, Village or Town				State			
Subdivision Name				ZIP Code			
Reason for Removal from Service				WI Unique Well # of Replacement Well			
Fort Atkinson				WI 53538			

3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		P-8		Original Construction Date (mm/dd/yyyy)		Pump and piping removed?	
<input type="checkbox"/> Water Well		7/16/2021		If a Well Construction Report is available, please attach.		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole						<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type:				Liner(s) removed?			
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>				Liner(s) perforated?			
Formation Type:				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Screen removed?			
Total Well Depth From Ground Surface (ft.)				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
15				Casing left in place?			
Casing Diameter (in.)				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
1				Was casing cut off below surface?			
Lower Drillhole Diameter (in.)				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
2				Did sealing material rise to surface?			
Casing Depth (ft.)				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
15				Did material settle after 24 hours?			
Was well annular space grouted?				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				If yes, was hole retopped?			
If yes, to what depth (feet)?				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
N/A				If bentonite chips were used, were they hydrated with water from a known safe source?			
Depth to Water (feet)				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
9.5				Required Method of Placing Sealing Material			
5. Material Used to Fill Well / Drillhole				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
3/8" Bentonite Chips				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
From (ft.)				Sealing Materials			
To (ft.)				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete			
No. Yards, Sacks Sealant or Volume (circle one)				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
Mix Ratio or Mud Weight				For Monitoring Wells and Monitoring Well Boreholes Only:			
Surface    15    1/4 bag				<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	15	1/4 bag	

**6. Comments**

Borehole converted to a temp well; then abandoned after sample collection

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>Terracon Consultants, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>7/19/2021</b>	Date Received	Noted By
Street or Route <b>9856 South 57th Street</b>		Telephone Number <b>( 414 ) 423-0255</b>		Comments	
City <b>Franklin</b>	State <b>WI</b>	ZIP Code <b>53132</b>	Signature of Person Doing Work 	Date Signed <b>8-23-21</b>	

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

**Route to DNR Bureau:**

**Verification Only of Fill and Seal**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**

County	WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions)	Format Code	Method Code
_____ N	<input type="checkbox"/> DD	<input type="checkbox"/> GPS008
_____ W	<input type="checkbox"/> DDM	<input type="checkbox"/> SCR002
_____ 1/4	Section	Range <input type="checkbox"/> E
_____ or Gov't Lot #	Township	<input type="checkbox"/> W
Well Street Address	Well ZIP Code	
Well City, Village or Town	Subdivision Name	
Reason for Removal from Service	WI Unique Well # of Replacement Well	

**2. Facility / Owner Information**

Facility Name		
<b>Former Loeb-Lorman Scrapyard</b>		
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner		
Present Well Owner		
Mailing Address of Present Owner		
<b>115 Lorman Street, 600 Oak Street &amp; 205 Hake Street</b>		
City of Present Owner	State	ZIP Code
<b>Fort Atkinson</b>	<b>WI</b>	<b>53538</b>

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

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

**Required Method of Placing Sealing Material**

<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____

**Sealing Materials**

<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips

**For Monitoring Wells and Monitoring Well Boreholes Only:**

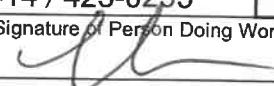
<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	15	1/4 bag	

**6. Comments**

Borehole converted to a temp well; then abandoned after sample collection

**7. Supervision of Work**

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	<b>DNR Use Only</b>	
<b>Terracon Consultants, Inc.</b>		<b>7/19/2021</b>	Date Received	Noted By
Street or Route	Telephone Number	Comments		
<b>9856 South 57th Street</b>	<b>(414) 423-0255</b>			
City	State	ZIP Code	Signature of Person Doing Work	Date Signed
<b>Franklin</b>	<b>WI</b>	<b>53132</b>		<b>8-23-21</b>

# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

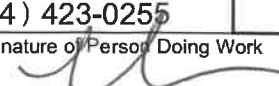
**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000,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

<input type="checkbox"/> <b>Verification Only of Fill and Seal</b>	<b>Route to DNR Bureau:</b>	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> Watershed/Wastewater	<input type="checkbox"/> Remediation/Redevelopment
	<input type="checkbox"/> Waste Management	<input type="checkbox"/> Other: _____		

1. Well Location Information				2. Facility / Owner Information			
County		WI Unique Well # of Removed Well		Hicap #		Facility Name	
Latitude / Longitude (see instructions)		Format Code		Method Code		Facility ID (FID or PWS)	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008		License/Permit/Monitoring #	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002		Original Well Owner	
_____ W		<input type="checkbox"/> OTH001		Range <input type="checkbox"/> E		Present Well Owner	
1/4 / 1/4		Section		Township		Mailing Address of Present Owner	
or Gov't Lot #		N		<input type="checkbox"/> W		115 Lorman Street, 600 Oak Street & 205 Hake Street	
Well Street Address				City of Present Owner			
Well City, Village or Town				State		ZIP Code	
Subdivision Name				Fort Atkinson		WI 53538	
Reason for Removal from Service				WI Unique Well # of Replacement Well			

3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy)		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
P-10		7/15/2021		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole				Screen removed?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Construction Type:				Casing left in place?			
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>				Was casing cut off below surface?			
Formation Type:				<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Did sealing material rise to surface?			
Total Well Depth From Ground Surface (ft.)		Casing Diameter (in.)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
15		1		Did material settle after 24 hours?			
Lower Drillhole Diameter (in.)		Casing Depth (ft.)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
2		10		If yes, was hole retopped?			
Was well annular space grouted?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown			
If yes, to what depth (feet)?		Depth to Water (feet)		If bentonite chips were used, were they hydrated with water from a known safe source?			
N/A		7		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
5. Material Used to Fill Well / Drillhole				Required Method of Placing Sealing Material			
3/8" Bentonite Chips				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
From (ft.)		To (ft.)		No. Yards, Sacks Sealant or Volume (circle one)		Mix Ratio or Mud Weight	
Surface		10		1/4 bag			
				Sealing Materials			
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete			
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
				For Monitoring Wells and Monitoring Well Boreholes Only:			
				<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

6. Comments			
Borehole converted to a temp well; then abandoned after sample collection			

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	Date Received	Noted By
Terracon Consultants, Inc.			7/19/2021		
Street or Route			Telephone Number	Comments	
9856 South 57th Street			(414) 423-0255		
City		State	ZIP Code	Signature of Person Doing Work	
Franklin		WI	53132		
				Date Signed	
				8-23-21	

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

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County	WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions)	Format Code	Method Code
_____ N	<input type="checkbox"/> DD	<input type="checkbox"/> GPS008
_____ W	<input type="checkbox"/> DDM	<input type="checkbox"/> SCR002
1/4 / 1/4	Section	Township
_____	_____	_____ N
or Gov't Lot #		Range <input type="checkbox"/> E
		<input type="checkbox"/> W
Well Street Address		
Well City, Village or Town		
Subdivision Name		Well ZIP Code
Reason for Removal from Service		WI Unique Well # of Replacement Well

Facility Name	<b>Former Loeb-Lorman Scrapyard</b>	
Facility ID (FID or PWS)		
License/Permit/Monitoring #		
Original Well Owner		
Present Well Owner		
Mailing Address of Present Owner	<b>115 Lorman Street, 600 Oak Street &amp; 205 Hake Street</b>	
City of Present Owner	State	ZIP Code
<b>Fort Atkinson</b>	<b>WI</b>	<b>53538</b>

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	P-11	Original Construction Date (mm/dd/yyyy)
<input type="checkbox"/> Water Well		<b>7/15/2021</b>
<input checked="" type="checkbox"/> Borehole / Drillhole		If a Well Construction Report is available, please attach.
Construction Type:		
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	<input type="checkbox"/> Dug
<input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>		
Formation Type:		
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)	
<b>15</b>	<b>1</b>	
Lower Drillhole Diameter (in.)	Casing Depth (ft.)	
<b>2</b>	<b>15</b>	
Was well annular space grouted?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, to what depth (feet)?	Depth to Water (feet)	
<b>N/A</b>	<b>7</b>	

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

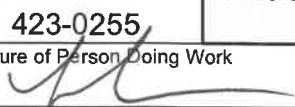
Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Required Method of Placing Sealing Material			
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped		
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____		
Sealing Materials			
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete		
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips		
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout		
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry		

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>3/8" Bentonite Chips</b>	Surface	<b>15</b>	<b>1/4 bag</b>	

**6. Comments**

**Borehole converted to a temp well; then abandoned after sample collection**

**7. Supervision of Work**

Name of Person or Firm Doing Filling & Sealing <b>Terracon Consultants, Inc.</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>7/19/2021</b>	<b>DNR Use Only</b>		
			Date Received	Noted By	
Street or Route <b>9856 South 57th Street</b>		Telephone Number <b>( 414 ) 423-0255</b>	Comments		
City <b>Franklin</b>	State <b>WI</b>	ZIP Code <b>53132</b>	Signature of Person Doing Work 	Date Signed <b>8-23-21</b>	



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

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information			2. Facility / Owner Information		
County	WI Unique Well # of Removed Well	Hicap #	Facility Name <b>Former Loeb-Lorman Scrapyard</b>		
Latitude / Longitude (see instructions)		Format Code	Facility ID (FID or PWS)		
_____ N		<input type="checkbox"/> DD	License/Permit/Monitoring #		
_____ W		<input type="checkbox"/> DDM	Original Well Owner		
1/4 / 1/4	1/4	Range <input type="checkbox"/> E	Present Well Owner		
or Gov't Lot #		<input type="checkbox"/> W	Mailing Address of Present Owner <b>115 Lorman Street, 600 Oak Street &amp; 205 Hake Street</b>		
Well Street Address			City of Present Owner      State      ZIP Code		
Well City, Village or Town		Well ZIP Code	<b>Fort Atkinson      WI      53538</b>		
Subdivision Name		Lot #			
Reason for Removal from Service		WI Unique Well # of Replacement Well			

**3. Filled & Sealed Well / Drillhole / Borehole Information**

Monitoring Well      **P-12**

Water Well

Borehole / Drillhole

Original Construction Date (mm/dd/yyyy)  
**7/15/2021**

If a Well Construction Report is available, please attach.

Construction Type:

Drilled       Driven (Sandpoint)       Dug

Other (specify): **Direct Push**

Formation Type:

Unconsolidated Formation       Bedrock

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

**20**      **1**

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

**2**      **20**

Was well annular space grouted?       Yes       No       Unknown

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

**N/A**      **9**

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

Pump and piping removed?       Yes       No       N/A

Liner(s) removed?       Yes       No       N/A

Liner(s) perforated?       Yes       No       N/A

Screen removed?       Yes       No       N/A

Casing left in place?       Yes       No       N/A

Was casing cut off below surface?       Yes       No       N/A

Did sealing material rise to surface?       Yes       No       N/A

Did material settle after 24 hours?       Yes       No       N/A

If yes, was hole retopped?       Yes       No       N/A

If bentonite chips were used, were they hydrated with water from a known safe source?       Yes       No       N/A

Required Method of Placing Sealing Material

Conductor Pipe-Gravity       Conductor Pipe-Pumped

Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_

Sealing Materials

Neat Cement Grout       Concrete

Sand-Cement (Concrete) Grout       Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips       Bentonite - Cement Grout

Granular Bentonite       Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
<b>3/8" Bentonite Chips</b>	Surface	<b>20</b>	<b>1/4 bag</b>	

**6. Comments**

**Borehole converted to a temp well; then abandoned after sample collection**

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>Terracon Consultants, Inc.</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>7/19/2021</b>	Date Received	Noted By
Street or Route <b>9856 South 57th Street</b>		Telephone Number <b>(414) 423-0255</b>	Comments	
City <b>Franklin</b>	State <b>WI</b>	ZIP Code <b>53132</b>	Signature of Person Doing Work 	Date Signed <b>8-23-21</b>

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

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**      **2. Facility / Owner Information**

County \_\_\_\_\_ WI Unique Well # of Removed Well \_\_\_\_\_ Hicap # \_\_\_\_\_  
 Latitude / Longitude (see instructions) \_\_\_\_\_ N \_\_\_\_\_ W \_\_\_\_\_  
 Format Code  DD  DDM      Method Code  GPS008  SCR002  OTH001  
 ¼ / ¼ \_\_\_\_\_ or Gov't Lot # \_\_\_\_\_ Section \_\_\_\_\_ Township \_\_\_\_\_ Range  E  W  
 Well Street Address \_\_\_\_\_  
 Well City, Village or Town \_\_\_\_\_ Well ZIP Code \_\_\_\_\_  
 Subdivision Name \_\_\_\_\_ Lot # \_\_\_\_\_

Facility Name **Former Loeb-Lorman Scrapyard**  
 Facility ID (FID or PWS) \_\_\_\_\_  
 License/Permit/Monitoring # \_\_\_\_\_  
 Original Well Owner \_\_\_\_\_  
 Present Well Owner \_\_\_\_\_  
 Mailing Address of Present Owner **115 Lorman Street, 600 Oak Street & 205 Hake Street**  
 City of Present Owner **Fort Atkinson**      State **WI**      ZIP Code **53538**

Reason for Removal from Service \_\_\_\_\_ WI Unique Well # of Replacement Well \_\_\_\_\_

**3. Filled & Sealed Well / Drillhole / Borehole Information**

Monitoring Well      **P-13**  
 Water Well  
 Borehole / Drillhole  
 Original Construction Date (mm/dd/yyyy) **7/16/2021**  
 If a Well Construction Report is available, please attach. \_\_\_\_\_  
 Construction Type:  
 Drilled       Driven (Sandpoint)       Dug  
 Other (specify): **Direct Push**  
 Formation Type:  
 Unconsolidated Formation       Bedrock  
 Total Well Depth From Ground Surface (ft.) **15**      Casing Diameter (in.) **1**  
 Lower Drillhole Diameter (in.) **2**      Casing Depth (ft.) **15**  
 Was well annular space grouted?  Yes  No  Unknown  
 If yes, to what depth (feet)? **N/A**      Depth to Water (feet) **8**

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

Pump and piping removed?  Yes  No  N/A  
 Liner(s) removed?  Yes  No  N/A  
 Liner(s) perforated?  Yes  No  N/A  
 Screen removed?  Yes  No  N/A  
 Casing left in place?  Yes  No  N/A  
 Was casing cut off below surface?  Yes  No  N/A  
 Did sealing material rise to surface?  Yes  No  N/A  
 Did material settle after 24 hours?  Yes  No  N/A  
 If yes, was hole retopped?  Yes  No  N/A  
 If bentonite chips were used, were they hydrated with water from a known safe source?  Yes  No  N/A  
 Required Method of Placing Sealing Material  
 Conductor Pipe-Gravity       Conductor Pipe-Pumped  
 Screened & Poured (Bentonite Chips)       Other (Explain): \_\_\_\_\_  
 Sealing Materials  
 Neat Cement Grout       Concrete  
 Sand-Cement (Concrete) Grout       Bentonite Chips  
 For Monitoring Wells and Monitoring Well Boreholes Only:  
 Bentonite Chips       Bentonite - Cement Grout  
 Granular Bentonite       Bentonite - Sand Slurry

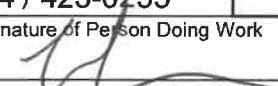
**5. Material Used to Fill Well / Drillhole**

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	15	<b>1/4 bag</b>	

**6. Comments**

**Borehole converted to a temp well; then abandoned after sample collection**

**7. Supervision of Work**      **DNR Use Only**

Name of Person or Firm Doing Filling & Sealing <b>Terracon Consultants, Inc.</b>	License # _____	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>7/19/2021</b>	Date Received _____	Noted By _____
Street or Route <b>9856 South 57th Street</b>	Telephone Number <b>(414) 423-0255</b>	Comments _____		
City <b>Franklin</b>	State <b>WI</b>	ZIP Code <b>53132</b>	Signature of Person Doing Work 	Date Signed <b>8-23-21</b>

# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

- Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

**1. Well Location Information**

County	WI Unique Well # of Removed Well	Hicap #
Latitude / Longitude (see instructions)	Format Code	Method Code
_____ N	<input type="checkbox"/> DD	<input type="checkbox"/> GPS008
_____ W	<input type="checkbox"/> DDM	<input type="checkbox"/> SCR002
1/4 / 1/4	Section	Range <input type="checkbox"/> E
or Gov't Lot #	Township	<input type="checkbox"/> W
Well Street Address	Well ZIP Code	
Well City, Village or Town	Well ZIP Code	
Subdivision Name	Lot #	
Reason for Removal from Service	WI Unique Well # of Replacement Well	

**2. Facility / Owner Information**

Facility Name	Former Loeb-Lorman Scrapyard		
Facility ID (FID or PWS)			
License/Permit/Monitoring #			
Original Well Owner			
Present Well Owner			
Mailing Address of Present Owner	115 Lorman Street, 600 Oak Street & 205 Hake Street		
City of Present Owner	State	ZIP Code	
Fort Atkinson	WI	53538	

**3. Filled & Sealed Well / Drillhole / Borehole Information**

<input type="checkbox"/> Monitoring Well	P-14	Original Construction Date (mm/dd/yyyy)
<input type="checkbox"/> Water Well		7/16/2021
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.	
Construction Type:		
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	<input type="checkbox"/> Dug
<input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>		
Formation Type:		
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)	
15	1	
Lower Drillhole Diameter (in.)	Casing Depth (ft.)	
2	14	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		
If yes, to what depth (feet)?	Depth to Water (feet)	
N/A	9.5	

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

Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Required Method of Placing Sealing Material			
<input type="checkbox"/> Conductor Pipe-Gravity	<input type="checkbox"/> Conductor Pipe-Pumped		
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	<input type="checkbox"/> Other (Explain): _____		
Sealing Materials			
<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete		
<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips		
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout		
<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry		

**5. Material Used to Fill Well / Drillhole**

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
3/8" Bentonite Chips	Surface	15	1/4 bag	

**6. Comments**

Borehole converted to a temp well; then abandoned after sample collection

**7. Supervision of Work**

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	<b>DNR Use Only</b>	
Terracon Consultants, Inc.		7/19/2021	Date Received	Noted By
Street or Route	Telephone Number		Comments	
9856 South 57th Street	( 414 ) 423-0255			
City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Franklin	WI	53132		8-23-21

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

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

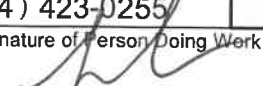
Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>Former Loeb-Lorman Scrapyard</b>	
Latitude / Longitude (see instructions)		Format Code		Method Code		Facility ID (FID or PWS)	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008		License/Permit/Monitoring #	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002			
1/4 / 1/4		Section		Township		Range <input type="checkbox"/> E	
or Gov't Lot #				N		<input type="checkbox"/> W	
Well Street Address				Original Well Owner			
Well City, Village or Town				Present Well Owner			
Subdivision Name				Mailing Address of Present Owner <b>115 Lorman Street, 600 Oak Street &amp; 205 Hake Street</b>			
Reason for Removal from Service				City of Present Owner <b>Fort Atkinson</b>			
WI Unique Well # of Replacement Well				State <b>WI</b>		ZIP Code <b>53538</b>	

3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy)		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well		<b>P-15</b>		Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Borehole / Drillhole		<b>7/15/2021</b>		Liner(s) perforated?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
If a Well Construction Report is available, please attach.				Screen removed?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Construction Type:				Casing left in place?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Was casing cut off below surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>				Did sealing material rise to surface?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Formation Type:				Did material settle after 24 hours?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				If yes, was hole retopped?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Total Well Depth From Ground Surface (ft.)		Casing Diameter (in.)		If bentonite chips were used, were they hydrated with water from a known safe source?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<b>20</b>		<b>1</b>		Required Method of Placing Sealing Material			
Lower Drillhole Diameter (in.)		Casing Depth (ft.)		<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
<b>2</b>		<b>20</b>		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown				Sealing Materials			
If yes, to what depth (feet)?		Depth to Water (feet)		<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete			
<b>N/A</b>		<b>8.5</b>		<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
5. Material Used to Fill Well / Drillhole				For Monitoring Wells and Monitoring Well Boreholes Only:			
<b>3/8" Bentonite Chips</b>		From (ft.)		To (ft.)		No. Yards, Sacks Sealant or Volume (circle one)	
		Surface		<b>20</b>		<b>1/4 bag</b>	
						Mix Ratio or Mud Weight	

**6. Comments**

**Borehole converted to a temp well; then abandoned after sample collection**

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>Terracon Consultants, Inc.</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>7/19/2021</b>	Date Received	Noted By
Street or Route <b>9856 South 57th Street</b>		Telephone Number <b>(414) 423-0255</b>		Comments	
City <b>Franklin</b>	State <b>WI</b>	ZIP Code <b>53132</b>	Signature of Person Doing Work 		Date Signed <b>8-23-21</b>

# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

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

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

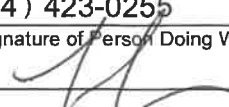
1. Well Location Information				2. Facility / Owner Information			
County		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>Former Loeb-Lorman Scrapyard</b>	
Latitude / Longitude (see instructions)		Format Code		Method Code		Facility ID (FID or PWS)	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008		License/Permit/Monitoring #	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002		Original Well Owner	
_____ / _____		Section		Township		Present Well Owner	
or Gov't Lot #		_____		Range <input type="checkbox"/> E		Mailing Address of Present Owner	
Well Street Address		_____		<input type="checkbox"/> W		<b>115 Lorman Street, 600 Oak Street &amp; 205 Hake Street</b>	
Well City, Village or Town		Well ZIP Code		City of Present Owner		State    ZIP Code	
Subdivision Name		Lot #		<b>Fort Atkinson</b>		<b>WI    53538</b>	
Reason for Removal from Service		WI Unique Well # of Replacement Well		4. Pump, Liner, Screen, Casing & Sealing Material			

3. Filled & Sealed Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material	
<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>7/15/2021</b>	
Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Total Well Depth From Ground Surface (ft.) <b>15</b>		Casing Diameter (in.) <b>1</b>	
Lower Drillhole Diameter (in.) <b>2</b>		Casing Depth (ft.) <b>15</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
If yes, to what depth (feet)? <b>N/A</b>		For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
Depth to Water (feet) <b>8</b>		Required Method of Placing Sealing Material (continued) <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	

5. Material Used to Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	15	1/4 bag	

**6. Comments**

Borehole converted to a temp well; then abandoned after sample collection

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>Terracon Consultants, Inc.</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>7/19/2021</b>	Date Received	Noted By
Street or Route <b>9856 South 57th Street</b>		Telephone Number <b>( 414 ) 423-0255</b>	Comments	
City <b>Franklin</b>	State <b>WI</b>	ZIP Code <b>53132</b>	Signature of Person Doing Work 	Date Signed <b>8-23-21</b>

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

**Verification Only of Fill and Seal**

**Route to DNR Bureau:**

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information			2. Facility / Owner Information		
County		WI Unique Well # of Removed Well	Hicap #		Facility Name
					<b>Former Loeb-Lorman Scrapyard</b>

Latitude / Longitude (see instructions)		Format Code	Method Code		Facility ID (FID or PWS)
_____ N		<input type="checkbox"/> DD	<input type="checkbox"/> GPS008		
_____ W		<input type="checkbox"/> DDM	<input type="checkbox"/> SCR002		License/Permit/Monitoring #
			<input type="checkbox"/> OTH001		
¼ / ¼	¼	Section	Township	Range	Original Well Owner
			N	<input type="checkbox"/> E	
or Gov't Lot #				<input type="checkbox"/> W	Present Well Owner
Well Street Address					

Well City, Village or Town		Well ZIP Code		Mailing Address of Present Owner	
				<b>115 Lorman Street, 600 Oak Street &amp; 205 Hake Street</b>	
Subdivision Name		Lot #		City of Present Owner	State
				<b>Fort Atkinson</b>	<b>WI</b>
				ZIP Code	
				<b>53538</b>	

Reason for Removal from Service	WI Unique Well # of Replacement Well	4. Pump, Liner, Screen, Casing & Sealing Material			
		Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A

3. Filled & Sealed Well / Drillhole / Borehole Information		
<input type="checkbox"/> Monitoring Well	Original Construction Date (mm/dd/yyyy)	
<input type="checkbox"/> Water Well		<b>P-17</b>
<input checked="" type="checkbox"/> Borehole / Drillhole	If a Well Construction Report is available, please attach.	

Construction Type:		Required Method of Placing Sealing Material	
<input type="checkbox"/> Drilled	<input type="checkbox"/> Driven (Sandpoint)	<input type="checkbox"/> Dug	<input type="checkbox"/> Conductor Pipe-Gravity
<input checked="" type="checkbox"/> Other (specify): <b>Direct Push</b>			<input type="checkbox"/> Conductor Pipe-Pumped
Formation Type:		<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)	
<input checked="" type="checkbox"/> Unconsolidated Formation	<input type="checkbox"/> Bedrock	<input type="checkbox"/> Other (Explain): _____	

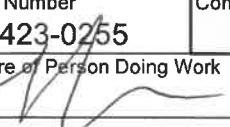
Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)	Sealing Materials	
<b>15</b>	<b>1</b>	<input type="checkbox"/> Neat Cement Grout	<input type="checkbox"/> Concrete
Lower Drillhole Diameter (in.)	Casing Depth (ft.)	<input type="checkbox"/> Sand-Cement (Concrete) Grout	<input checked="" type="checkbox"/> Bentonite Chips
<b>2</b>	<b>10</b>	<i>For Monitoring Wells and Monitoring Well Boreholes Only:</i>	

Was well annular space grouted?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	<input checked="" type="checkbox"/> Bentonite Chips	<input type="checkbox"/> Bentonite - Cement Grout
If yes, to what depth (feet)?	Depth to Water (feet)			<input type="checkbox"/> Granular Bentonite	<input type="checkbox"/> Bentonite - Sand Slurry
<b>N/A</b>	<b>6</b>				

5. Material Used to Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	<b>15</b>	<b>1/4 bag</b>	

**6. Comments**

**Borehole converted to a temp well; then abandoned after sample collection**

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)	Date Received	Noted By
<b>Terracon Consultants, Inc.</b>		<b>7/19/2021</b>		
Street or Route		Telephone Number	Comments	
<b>9856 South 57th Street</b>		<b>( 414 ) 423-0255</b>		
City	State	ZIP Code	Signature of Person Doing Work	Date Signed
<b>Franklin</b>	<b>WI</b>	<b>53132</b>		<b>8-23-21</b>

## **APPENDIX C**

### **PHOTOGRAPHIC LOG**



**Photo #1** Soil boring and temporary groundwater monitoring well P-1 facing west.



**Photo #2** Soil boring and temporary groundwater monitoring well P-2 facing east.



**Photo #3** Soil boring and temporary groundwater monitoring well P-3 facing west.



**Photo #4** Soil boring and temporary groundwater monitoring well P-4 facing west.



**Photo #5** Soil boring and temporary groundwater monitoring well P-5 facing north.



**Photo #6** Soil boring and temporary groundwater monitoring well P-6 facing south.





**Photo #7** Soil boring and temporary groundwater monitoring well P-7 facing west.



**Photo #8** Soil boring and temporary groundwater monitoring well P-8 facing southeast.



**Photo #9** Soil boring and temporary groundwater monitoring well P-9 facing north.



**Photo #10** Soil boring and temporary groundwater monitoring well P-10 facing west.



**Photo #11** Soil boring and temporary groundwater monitoring well P-11 facing south.



**Photo #12** Soil boring and temporary groundwater monitoring well P-12 facing southeast.



**Photo #13** Soil boring and temporary groundwater monitoring well P-13 facing southeast.



**Photo #14** Soil boring and temporary groundwater monitoring well P-14 facing north.



**Photo #15** Soil boring and temporary groundwater monitoring well P-15 facing southeast.



**Photo #16** Soil boring and temporary groundwater monitoring well P-16 facing north.



**Photo #17** Soil boring and temporary groundwater monitoring well P-17 facing north.

## **APPENDIX D**

### TABLES





**Table 3  
Soil Analytical Test Results Summary for Metals**

**Former Loeb-Lorman Scrapyard  
Fort Atkinson, Wisconsin  
Terracon Project No. 58217147**

Sample ID	Sample Depth (feet)	Sample Date	PID	Fill/Native	Metals (mg/kg)							
					Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Silver	Mercury
P-1 (2')	2	7/15/2021	<1	Native	3.6	46.0	<0.16	21.9	8.4	<1.5	<0.36	0.078
P-1 (5')	5	7/15/2021	<1	Native	4.6	35.7	<0.15	17.7	7.4	<1.5	<0.34	0.062
P-2 (2')	2	7/16/2021	<1	Fill	2.3J	65.8	<0.15	17.4	13.7	<1.5	<0.36	0.019J
P-2 (6')	6	7/16/2021	<1	Native	<1.6	53.3	<0.15	29.4	5.2	<1.5	<0.35	0.018J
P-3 (1')	1	7/16/2021	1	Fill	<b>8.2J</b>	114	<b>2.5J</b>	701	<b>216</b>	<7.0	<b>2.6J</b>	<b>0.66</b>
P-3 (7')	7	7/16/2021	<1	Native	2.0J	22.8	<0.14	14.9	4.8	<1.4	<0.33	0.020J
P-4 (1')	1	7/16/2021	<1	Fill	4.6J	80.4	<b>2.5</b>	18.9	<b>151</b>	<3.0	<0.70	<b>0.93</b>
P-4 (7')	7	7/16/2021	<1	Native	2.3J	33.0	<0.14	12.4	5.7	<1.4	<0.33	<0.010
P-5 (2')	2	7/15/2021	<1	Fill	<b>11.3</b>	118	0.69	37	39.4	<1.6	<0.37	0.13
P-5 (5')	5	7/15/2021	<1	Native	<b>12.0</b>	111	<0.16	31.2	14.5	<1.5	<0.36	0.093
P-6 (2')	2	7/15/2021	<1	Fill	2.5J	42.9	<0.14	10.2	6.6	<1.4	<0.33	<0.011
P-6 (8')	8	7/15/2021	<1	Fill	2.3J	30.4	0.28J	10.7	42.4	<1.4	<0.33	0.031J
P-7 (3')	3	7/16/2021	<1	Fill	<b>8.2</b>	454	<b>20.7</b>	18.3	<b>2,830</b>	<2.7	<b>1.4J</b>	<b>9.9</b>
P-7 (9')	9	7/16/2021	<1	Native	3.6	64.3	0.23J	24.3	14.3	<1.4	<0.33	0.039J
P-8 (4')	4	7/16/2021	1	Fill	<b>27.6</b>	106	<b>40.6</b>	42.1	<b>6,100</b>	<7.9	<b>19.7</b>	<b>1.0</b>
P-8 (7')	7	7/16/2021	<1	Native	2.0J	85.2	<b>4.5</b>	28.2	<b>502</b>	<1.6	<0.37	0.078
P-9 (2')	2	7/15/2021	<1	Fill	<7.8	148	<b>4.7</b>	<b>1,350</b>	<b>312</b>	<7.0	<1.6	<b>0.55</b>
P-9 (8')	8	7/15/2021	<1	Native	3.8	67.8	0.24J	35.4	25.7	<1.4	<0.33	0.075
P-10 (2')	2	7/15/2021	<1	Fill	<31.3	112	<2.8	<b>2,400</b>	<12.8	<28.0	<b>6.7J</b>	0.044
P-10 (6')	6	7/15/2021	<1	Native	<3.7	59.5	<0.34	36.7	7.8	<3.3	<0.78	0.068
P-11 (1')	1	7/15/2021	<1	Fill	6.5	67.3	<b>2.6</b>	<b>64.9</b>	<b>162</b>	<1.4	<0.33	0.14
P-11 (9')	9	7/15/2021	<1	Native	2.9	90.0	0.69	30.6	9.7	<1.5	<0.35	0.018J
P-12 (2')	2	7/15/2021	<1	Fill	<32.1	82.5	<2.9	<b>2,040</b>	<b>29.7J</b>	<28.7	<6.7	0.22
P-12 (9')	9	7/15/2021	<1	Fill	5.5	38.8	<b>2.0</b>	27.8	<b>86.4</b>	<1.5	0.63J	0.091
P-13 (2')	2	7/16/2021	<1	Fill	<3.0	114	<b>5.6</b>	<b>68.4</b>	<b>424</b>	<2.7	<0.64	<b>1.3</b>
P-13 (5')	5	7/16/2021	<1	Fill	<29.9	83.1	<2.7	24.8	<b>72.5</b>	<26.7	<6.3	<b>0.27</b>
P-14 (2')	2	7/16/2021	<1	Fill	1.6J	9.2	<0.14	4.0	2.4	<1.4	<0.32	0.023J
P-14 (5')	5	7/16/2021	<1	Native	<1.5	10.2	<0.14	3.9	2.4	<1.3	<0.32	0.027J
P-15 (1')	1	7/15/2021	<1	Fill	<15.7	91.2	<1.4	<b>1,560</b>	<b>63.8</b>	<14.0	<3.3	<b>0.31</b>
P-15 (7')	7	7/15/2021	<1	Fill	4.7J	40.5	<0.32	15.0	10.6	<3.1	<0.73	0.067
P-16 (2')	2	7/15/2021	1	Fill	<7.8	153	<b>6.5</b>	<b>700</b>	<b>227</b>	<6.9	<b>3.7J</b>	<b>0.76</b>
P-16 (8')	8	7/15/2021	<1	Fill	<3.4	148	<b>2.6</b>	<b>206</b>	<b>115</b>	<3.0	<0.70	<b>1.2</b>
P-17 (2')	2	7/16/2021	<1	Fill	<14.6	321	<b>1.7J</b>	<b>3,100</b>	<b>278</b>	<b>15.1J</b>	<b>4.2J</b>	<b>1.1</b>
P-17 (7')	7	7/16/2021	<1	Native	2.1J	110	<b>2.5</b>	<b>86.4</b>	<b>73.4</b>	<1.5	<0.36	0.14
Direct Contact Non-Industrial RCL <sup>1</sup>					<b>0.677</b>	<b>15,300</b>	<b>71.1</b>	<b>100,000</b>	<b>400</b>	<b>391</b>	<b>391</b>	<b>3.13</b>
Direct Contact Industrial RCL <sup>2</sup>					<b>3</b>	<b>100,000</b>	<b>985</b>	<b>100,000</b>	<b>800</b>	<b>5,840</b>	<b>5,840</b>	<b>5,840</b>
Soil to Groundwater Pathway RCL <sup>3</sup>					<b>0.584</b>	<b>164.8</b>	<b>0.752</b>	<b>360,000</b>	<b>27</b>	<b>0.52</b>	<b>0.8491</b>	<b>0.208</b>
Statewide Background Threshold Value <sup>4</sup>					<b>8</b>	<b>364</b>	<b>1</b>	<b>44</b>	<b>52</b>	--	--	--

**Notes:**

PID=Photoionization Detector

ppm = parts per million

Results expressed in milligrams per kilogram (mg/kg)

<sup>1</sup> Non-Industrial Residual Contaminant Levels (RCLs) for Direct Contact (Dec 2018) per Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator PUB-RR-890, dated December, 2018 (with WDNR spreadsheet input parameters updated December 2018).

<sup>2</sup> Industrial Residual Contaminant Levels (RCLs) for Direct Contact (Dec 2018) per Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator PUB-RR-890, dated December 2018 (with WDNR spreadsheet input parameters updated December 2018).

<sup>3</sup> Protection of Groundwater RCLs (Dec 2018) per Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (with WDNR spreadsheet input parameters updated December, 2018).

<sup>4</sup> Wisconsin Department of Natural Resources Statewide Background Threshold Value, July 2015

**XX.XX** Bold and brown = Exceeds Non-Industrial Direct Contact RCL

XX.XX Underlined and pink = Exceeds Industrial Direct Contact RCL

*XX.XX* Italicized and blue = Exceeds Soil to Groundwater Pathway RCL

**XX.XX** Bold only = Exceeds BTV

J = Estimated concentration at or above the limit of detection (LOD) and below the limit of quantitation (LOQ)

-- Dashed lines = No established standard

**Table 4  
Soil Analytical Test Results Summary for PCBs**

**Former Loeb-Lorman Scrapyard  
Fort Atkinson, Wisconsin  
Terracon Project No. 58217147**

Sample ID	Sample Depth (feet)	Sample Date	PID	Fill/Native	PCBs (ug/kg)							PCB, Total
					PCB-1016 (Aroclor 1016)	PCB-1221 (Aroclor 1221)	PCB-1232 (Aroclor 1232)	PCB-1242 (Aroclor 1242)	PCB-1248 (Aroclor 1248)	PCB-1254 (Aroclor 1254)	PCB-1260 (Aroclor 1260)	
P-1 (2')	2	7/15/2021	<1	Native	<18.2	<18.2	<18.2	<18.2	<18.2	<18.2	<18.2	<18.2
P-1 (5')	5	7/15/2021	<1	Native	<17.3	<17.3	<17.3	<17.3	<17.3	<17.3	<17.3	<17.3
P-2 (2')	2	7/16/2021	<1	Fill	<17.8	<17.8	<17.8	<17.8	<17.8	25.7J	<17.8	25.7J
P-2 (6')	6	7/16/2021	<1	Native	<17.6	<17.6	<17.6	<17.6	<17.6	<17.6	<17.6	<17.6
P-3 (1')	1	7/16/2021	1	Fill	<33.1	<33.1	<33.1	713	<33.1	844	134	1,690
P-3 (7')	7	7/16/2021	<1	Native	<16.4	<16.4	<16.4	19.1J	<16.4	<16.4	<16.4	19.1J
P-4 (1')	1	7/16/2021	<1	Fill	<17.9	<17.9	<17.9	34.2J	<17.9	573	142	750
P-4 (7')	7	7/16/2021	<1	Native	<17.0	<17.0	<17.0	<17.0	<17.0	<17.0	<17.0	<17.0
P-5 (2')	2	7/15/2021	<1	Fill	<19.5	<19.5	<19.5	62.9J	<19.5	45.0J	47.6J	156
P-5 (5')	5	7/15/2021	<1	Native	<19.5	<19.5	<19.5	<19.5	<19.5	<19.5	<19.5	<19.5
P-6 (2')	2	7/15/2021	<1	Fill	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6	<16.6
P-6 (8')	8	7/15/2021	<1	Fill	<17.4	<17.4	<17.4	<17.4	<17.4	<17.4	<17.4	<17.4
P-7 (3')	3	7/16/2021	<1	Fill	<16.9	<16.9	<16.9	<16.9	<16.9	<16.9	<16.9	<16.9
P-7 (9')	9	7/16/2021	<1	Native	<17.8	<17.8	<17.8	<17.8	<17.8	<17.8	<17.8	<17.8
P-8 (4')	4	7/16/2021	1	Fill	<19.0	<19.0	<19.0	<19.0	<19.0	<19.0	<19.0	<19.0
P-8 (7')	7	7/16/2021	<1	Native	<18.1	<18.1	<18.1	<18.1	<18.1	<18.1	<18.1	<18.1
P-9 (2')	2	7/15/2021	<1	Fill	<164	<164	<164	1,930	<164	801	<164	2,731
P-9 (8')	8	7/15/2021	<1	Native	<17.3	<17.3	<17.3	181	<17.3	60.7	<17.3	242
P-10 (2')	2	7/15/2021	<1	Fill	<17.1	<17.1	<17.1	<17.1	<17.1	<17.1	<17.1	<17.1
P-10 (6')	6	7/15/2021	<1	Native	<20.5	<20.5	<20.5	<20.5	<20.5	<20.5	<20.5	<20.5
P-11 (1')	1	7/15/2021	<1	Fill	<16.6	<16.6	<16.6	<16.6	<16.6	85.0	41.4J	126
P-11 (9')	9	7/15/2021	<1	Native	<18.7	<18.7	<18.7	<18.7	<18.7	<18.7	<18.7	<18.7
P-12 (2')	2	7/15/2021	<1	Fill	<16.8	<16.8	<16.8	35.0J	<16.8	71.5	<16.8	106
P-12 (9')	9	7/15/2021	<1	Fill	<17.7	<17.7	<17.7	<17.7	<17.7	<17.7	<17.7	<17.7
P-13 (2')*	2	7/16/2021	<1	Fill	<8,290	<8,290	<8,290	<8,290	<8,290	<8,290	<8,290	<8,290
P-13 (5')	5	7/16/2021	<1	Fill	<16.6	<16.6	<16.6	<16.6	<16.6	94.2	44.7J	139
P-14 (2')	2	7/16/2021	<1	Fill	<15.9	<15.9	<15.9	<15.9	<15.9	<15.9	<15.9	<15.9
P-14 (5')	5	7/16/2021	<1	Native	<15.8	<15.8	<15.8	<15.8	<15.8	<15.8	<15.8	<15.8
P-15 (1')*	1	7/15/2021	<1	Fill	<16,500	<16,500	<16,500	<16,500	<16,500	<16,500	<16,500	<16,500
P-15 (7')	7	7/15/2021	<1	Fill	<18.3	<18.3	<18.3	<18.3	<18.3	168	<18.3	168
P-16 (2')	2	7/15/2021	1	Fill	<171	<171	<171	992	<171	512J	<171	1,500
P-16 (8')	8	7/15/2021	<1	Fill	<186	<186	<186	2,040	<186	1,180	<186	3,230
P-17 (2')	2	7/16/2021	<1	Fill	<81.5	<81.5	<81.5	2,520	<81.5	773	<81.5	3,290
P-17 (7')	7	7/16/2021	<1	Native	<18.6	<18.6	<18.6	411	<18.6	517	<18.6	928
Direct Contact Non-Industrial RCL <sup>1</sup>					4,110	213	190	235	236	239	243	--
Direct Contact Industrial RCL <sup>2</sup>					28,000	883	792	972	975	988	1,000	--
Soil to Groundwater Pathway RCL <sup>3</sup>					--	--	--	--	--	--	--	9.4

**Notes:**

PID=Photoionization Detector

PCBs=Polychlorinated biphenyl

Results expressed in micrograms per kilogram (ug/kg)

<sup>1</sup> Non-Industrial Residual Contaminant Levels (RCLs) for Direct Contact (June 2018) per Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (with WDNR spreadsheet input parameters updated December 2018).

<sup>2</sup> Industrial Residual Contaminant Levels (RCLs) for Direct Contact (June 2018) per Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (with WDNR spreadsheet input parameters updated December 2018).

<sup>3</sup> Protection of Groundwater RCLs (June 2018) per Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator PUB-RR-890, dated January 2014 (with WDNR spreadsheet input parameters updated December, 2018).

**XX.XX** Bold and brown = Exceeds Non-Industrial Direct Contact RCL

XX.XX Underlined and pink = Exceeds Industrial Direct Contact RCL

*XX.XX* Italicized and blue = Exceeds Soil to Groundwater Pathway RCL

\* = Samples were given a qualifier because each sample was diluted due to the presence of high levels of non-target analysis (DRO)

"J" = Estimated concentration at or above the limit of detection (LOD) and below the limit of quantitation (LOQ)

-- Dashed lines = No established standard or not analyzed

**Table 5  
Groundwater Analytical Test Results Summary for VOCs  
Detected Compounds Only**

**Former Loeb-Lorman Scrapyard  
Fort Atkinson, Wisconsin  
Terracon Project No. 58217147**

Sample ID	Sample Date	VOCs (ug/L)																				
		Benzene	sec-Butylbenzene	Chlorobenzene	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene (Cumene)	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	m&p-Xylene	o-Xylene
P-1	7/19/2021	<0.30	<0.42	<0.86	1.7J	<0.30	11.1	1,850	51.3	<0.33	<1.0	<1.1	<0.35	47.4	0.37J	<0.30	3,090	<0.45	<0.36	242	<0.70	<0.35
P-2	7/19/2021	<0.30	<0.42	<0.86	<1.4	<0.30	<0.58	3.9	<0.53	<0.33	<1.0	<1.1	<0.35	<0.41	<0.29	<0.30	1.3	<0.45	<0.36	1.4	<0.70	<0.35
P-3	7/19/2021	1.5	<0.42	<0.86	1.5J	<0.30	1.4	490	9.7	<0.33	<1.0	<1.1	<0.35	86.1	0.62J	<0.30	66.8	<0.45	<0.36	62.7	<0.70	<0.35
P-4	7/19/2021	<0.30	<0.42	<0.86	<1.4	<0.30	<0.58	<0.47	<0.53	<0.33	<1.0	<1.1	<0.35	<0.41	<0.29	<0.30	<0.32	<0.45	<0.36	<0.17	<0.70	<0.35
P-5	7/19/2021	<0.30	<0.42	<0.86	<1.4	<0.30	<0.58	116	0.72J	<0.33	<1.0	<1.1	<0.35	<0.41	<0.29	<0.30	3.4	<0.45	<0.36	2.2	<0.70	<0.35
P-6	7/19/2021	<0.30	<0.42	<0.86	<1.4	<0.30	<0.58	<0.47	<0.53	<0.33	<1.0	<1.1	<0.35	<0.41	<0.29	<0.30	<0.32	<0.45	<0.36	0.26J	<0.70	<0.35
P-7	7/19/2021	<0.30	<0.42	<0.86	<1.4	<0.30	<0.58	0.54J	<0.53	<0.33	<1.0	<1.1	<0.35	2.0	0.31J	<0.30	0.50J	<0.45	<0.36	<0.17	<0.70	<0.35
P-8	7/19/2021	<0.30	<0.42	<0.86	<1.4	<0.30	<0.58	<0.47	<0.53	<0.33	<1.0	<1.1	<0.35	<0.41	<0.29	<0.30	1.8	<0.45	<0.36	<0.17	<0.70	<0.35
P-9	7/19/2021	0.94J	<0.42	<0.86	<1.4	<0.30	<0.58	<0.47	<0.53	<0.33	<1.0	<1.1	<0.35	<0.41	0.45J	<0.30	<0.32	<0.45	<0.36	<0.17	<0.70	<0.35
P-10	7/19/2021	<0.30	<0.42	<0.86	<1.4	<0.30	<0.58	1.6	<0.53	<0.33	<1.0	<1.1	<0.35	<0.41	<0.29	<0.30	<0.32	<0.45	<0.36	<0.17	<0.70	<0.35
P-11	7/19/2021	1.7	<0.42	1.3	<1.4	<0.30	<0.58	<0.47	<0.53	<0.33	<1.0	<1.1	<0.35	<0.41	<0.29	<0.30	<0.32	<0.45	<0.36	1.7	<0.70	<0.35
P-12	7/19/2021	<0.30	<0.42	<0.86	<1.4	0.74J	<0.58	<0.47	<0.53	<0.33	<1.0	<1.1	<0.35	<0.41	<0.29	<0.30	<0.32	<0.45	<0.36	1.5	<0.70	<0.35
P-13	7/19/2021	0.44J	<0.42	<0.86	<1.4	<0.30	<0.58	<0.47	<0.53	<0.33	<1.0	<1.1	<0.35	<0.41	<0.29	<0.30	<0.32	<0.45	<0.36	<0.17	<0.70	<0.35
P-14	7/19/2021	0.35J	<0.42	<0.86	<1.4	<0.30	<0.58	<0.47	<0.53	0.37J	1.1J	<1.1	<0.35	<0.41	0.94J	<0.30	<0.32	<0.45	<0.36	0.32J	<0.70	<0.35
P-15	7/19/2021	<0.30	<0.42	<0.86	<1.4	<0.30	<0.58	<0.47	<0.53	<0.33	<1.0	<1.1	<0.35	<0.41	<0.29	<0.30	<0.32	<0.45	<0.36	<0.17	<0.70	<0.35
P-16	7/19/2021	0.78J	0.56J	<0.86	<1.4	4.1	<0.58	<0.47	<0.53	0.33J	<1.0	4.7J	1.4	<0.41	3.1	0.48J	<0.32	14.6	4.1	<0.17	0.98J	1.0
P-17	7/19/2021	0.30J	<0.42	<0.86	<1.4	<0.30	<0.58	<0.47	<0.53	<0.33	<1.0	<1.1	<0.35	<0.41	0.44J	<0.30	<0.32	<0.45	<0.36	<0.17	<0.70	<0.35
<b>NR 140 WAC, PAL<sup>1</sup></b>		<u>0.5</u>	--	--	<u>80</u>	<u>85</u>	<u>0.7</u>	<u>7</u>	<u>20</u>	<u>140</u>	--	<u>10</u>	--	<u>0.5</u>	<u>160</u>	<u>40</u>	<u>0.5</u>	<u>96</u>	<u>0.02</u>	<u>400</u>		
<b>NR 140 WAC, ES<sup>2</sup></b>		<b>5</b>	--	--	<b>400</b>	<b>850</b>	<b>7</b>	<b>70</b>	<b>100</b>	<b>700</b>	--	<b>100</b>	--	<b>5</b>	<b>800</b>	<b>200</b>	<b>5</b>	<b>480</b>	<b>0.2</b>	<b>2,000</b>		

**Notes:**  
 Results expressed in micrograms per liter (ug/L)  
 VOCs = Volatile Organic Compounds  
<sup>1</sup>NR 140, Wisconsin Administrative Code, (WAC) Preventive Action Limit (PAL), Register, June 2021  
<sup>2</sup>NR 140, WAC, Enforcement Standard (ES), Register, June 2021  
 XX.XX Exceeds NR 140 PAL  
 XX.XX Exceeds NR 140 ES  
 -- Dashed lines = No established standard or not analyzed  
 "J" = Estimated concentration at or above the limit of detection (LOD) and below the limit of quantitation (LOQ)



## **APPENDIX E**

### **LABORATORY ANALYTICAL REPORTS AND CHAIN OF CUSTODY FORMS**

August 04, 2021

Tim Welch  
Terracon, Inc. - Franklin  
9856 South 57th Street  
Franklin, WI 53132

RE: Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Dear Tim Welch:

Enclosed are the analytical results for sample(s) received by the laboratory on July 17, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures



## REPORT OF LABORATORY ANALYSIS

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

## CERTIFICATIONS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

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### **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

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40230183001	P-6 (2)	Solid	07/15/21 12:40	07/17/21 09:00
40230183002	P-6 (8)	Solid	07/15/21 12:42	07/17/21 09:00
40230183003	P-12 (2)	Solid	07/15/21 12:44	07/17/21 09:00
40230183004	P-12 (9)	Solid	07/15/21 12:46	07/17/21 09:00
40230183005	P-11 (1)	Solid	07/15/21 12:48	07/17/21 09:00
40230183006	P-11 (9)	Solid	07/15/21 12:50	07/17/21 09:00
40230183007	P-15 (1)	Solid	07/15/21 12:52	07/17/21 09:00
40230183008	P-15 (7)	Solid	07/15/21 12:54	07/17/21 09:00
40230183009	P-9 (2)	Solid	07/15/21 17:00	07/17/21 09:00
40230183010	P-9 (8)	Solid	07/15/21 17:02	07/17/21 09:00
40230183011	P-10 (2)	Solid	07/15/21 17:04	07/17/21 09:00
40230183012	P-10 (6)	Solid	07/15/21 17:06	07/17/21 09:00
40230183013	MEOH TRIP	Solid	07/15/21 17:20	07/17/21 09:00
40230183014	P-5 (2)	Solid	07/15/21 17:08	07/17/21 09:00
40230183015	P-5 (5)	Solid	07/15/21 17:10	07/17/21 09:00
40230183016	P-1 (2)	Solid	07/15/21 17:12	07/17/21 09:00
40230183017	P-1 (5)	Solid	07/15/21 17:14	07/17/21 09:00
40230183018	P-16 (2)	Solid	07/15/21 17:16	07/17/21 09:00
40230183019	P-16 (8)	Solid	07/15/21 17:18	07/17/21 09:00
40230183020	P-13 (2)	Solid	07/16/21 14:50	07/17/21 09:00
40230183021	P-13 (5)	Solid	07/16/21 14:52	07/17/21 09:00
40230183022	P-14 (2)	Solid	07/16/21 14:58	07/17/21 09:00
40230183023	P-14 (5)	Solid	07/16/21 15:00	07/17/21 09:00
40230183024	P-8 (4)	Solid	07/16/21 16:00	07/17/21 09:00
40230183025	P-8 (7)	Solid	07/16/21 16:02	07/17/21 09:00
40230183026	P-7 (3)	Solid	07/16/21 16:04	07/17/21 09:00
40230183027	P-7 (9)	Solid	07/16/21 16:06	07/17/21 09:00
40230183028	P-4 (1)	Solid	07/16/21 11:00	07/17/21 09:00
40230183029	P-3 (1)	Solid	07/16/21 11:04	07/17/21 09:00
40230183030	P-3 (7)	Solid	07/16/21 11:06	07/17/21 09:00
40230183031	P-17 (2)	Solid	07/16/21 11:08	07/17/21 09:00
40230183032	P-17 (7)	Solid	07/16/21 11:10	07/17/21 09:00
40230183033	P-4 (7)	Solid	07/16/21 11:02	07/17/21 09:00
40230183034	P-2 (2)	Solid	07/16/21 14:54	07/17/21 09:00
40230183035	P-2 (6)	Solid	07/16/21 14:56	07/17/21 09:00

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40230183001	P-6 (2)	EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40230183002	P-6 (8)	EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40230183003	P-12 (2)	EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	64	PASI-G
40230183004	P-12 (9)	ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
40230183005	P-11 (1)	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40230183006	P-11 (9)	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40230183007	P-15 (1)	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40230183008	P-15 (7)	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40230183009	P-9 (2)	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40230183010	P-9 (8)	EPA 8270E by SIM	JJB	20	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40230183011	P-10 (2)	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	MDS	64	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40230183012	P-10 (6)	ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
40230183013	MEOH TRIP	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40230183014	P-5 (2)	EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	MDS	64	PASI-G
40230183015	P-5 (5)	ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
40230183016	P-1 (2)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40230183017	P-1 (5)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40230183018	P-16 (2)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40230183019	P-16 (8)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
40230183020	P-13 (2)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
40230183021	P-13 (5)	WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40230183022	P-14 (2)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
40230183023	P-14 (5)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8260	MDS	64	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40230183024	P-8 (4)	ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
40230183025	P-8 (7)	EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40230183026	P-7 (3)	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
40230183027	P-7 (9)	EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
40230183028	P-4 (1)	EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
40230183029	P-3 (1)	EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40230183030	P-3 (7)	WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
40230183031	P-17 (2)	EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40230183032	P-17 (7)	EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	JJB	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
40230183033	P-4 (7)	EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	MDS	64	PASI-G
40230183034	P-2 (2)	ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40230183035	P-2 (6)	EPA 7471	AJT	1	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
		EPA 8082	BLM	10	PASI-G
		WI MOD DRO	MRN	1	PASI-G
		EPA 6010D	TXW	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8260	MDS	64	PASI-G
		ASTM D2974-87	PDV	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183001</b>	<b>P-6 (2)</b>					
WI MOD DRO	Diesel Range Organics	2.3J	mg/kg	3.6	07/22/21 11:13	
EPA 6010D	Arsenic	2.5J	mg/kg	2.7	07/21/21 18:53	
EPA 6010D	Barium	42.9	mg/kg	0.54	07/21/21 18:53	M0
EPA 6010D	Chromium	10.2	mg/kg	1.1	07/21/21 18:53	
EPA 6010D	Lead	6.6	mg/kg	2.2	07/21/21 18:53	
ASTM D2974-87	Percent Moisture	8.0	%	0.10	07/19/21 11:55	
<b>40230183002</b>	<b>P-6 (8)</b>					
WI MOD DRO	Diesel Range Organics	17.2	mg/kg	4.7	07/22/21 08:07	DC
EPA 6010D	Arsenic	2.3J	mg/kg	2.7	07/21/21 19:06	
EPA 6010D	Barium	30.4	mg/kg	0.54	07/21/21 19:06	
EPA 6010D	Cadmium	0.28J	mg/kg	0.54	07/21/21 19:06	
EPA 6010D	Chromium	10.7	mg/kg	1.1	07/21/21 19:06	
EPA 6010D	Lead	42.4	mg/kg	2.2	07/21/21 19:06	
EPA 7471	Mercury	0.031J	mg/kg	0.036	07/22/21 09:26	
ASTM D2974-87	Percent Moisture	12.5	%	0.10	07/19/21 11:55	
<b>40230183003</b>	<b>P-12 (2)</b>					
EPA 8082	PCB-1242 (Aroclor 1242)	35.0J	ug/kg	55.3	07/20/21 12:14	
EPA 8082	PCB-1254 (Aroclor 1254)	71.5	ug/kg	55.3	07/20/21 12:14	
EPA 8082	PCB, Total	106	ug/kg	55.3	07/20/21 12:14	
WI MOD DRO	Diesel Range Organics	111	mg/kg	7.8	07/22/21 11:47	DC
EPA 6010D	Barium	82.5	mg/kg	10.9	07/22/21 13:39	
EPA 6010D	Chromium	2040	mg/kg	21.9	07/22/21 13:39	
EPA 6010D	Lead	29.7J	mg/kg	43.8	07/22/21 13:39	D3
EPA 7471	Mercury	0.22	mg/kg	0.037	07/22/21 09:28	
EPA 8270E by SIM	Acenaphthene	5.1J	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Anthracene	14.4J	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Benzo(a)anthracene	21.4	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Benzo(a)pyrene	20.8	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Benzo(b)fluoranthene	36.3	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Benzo(g,h,i)perylene	22.3	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Benzo(k)fluoranthene	14.7J	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Chrysene	25.5	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Dibenz(a,h)anthracene	5.1J	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Fluoranthene	48.1	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Fluorene	6.8J	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	18.0J	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	2-Methylnaphthalene	3.3J	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Naphthalene	5.1J	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Phenanthrene	50.9	ug/kg	18.4	07/28/21 17:19	
EPA 8270E by SIM	Pyrene	32.0	ug/kg	18.4	07/28/21 17:19	
EPA 8260	Tetrachloroethene	29.7J	ug/kg	60.4	07/21/21 00:51	
ASTM D2974-87	Percent Moisture	9.4	%	0.10	07/19/21 13:16	
<b>40230183004</b>	<b>P-12 (9)</b>					
WI MOD DRO	Diesel Range Organics	44.9	mg/kg	3.8	07/22/21 08:25	DC
EPA 6010D	Arsenic	5.5	mg/kg	2.9	07/21/21 19:14	
EPA 6010D	Barium	38.8	mg/kg	0.58	07/21/21 19:14	

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183004</b>	<b>P-12 (9)</b>					
EPA 6010D	Cadmium	2.0	mg/kg	0.58	07/21/21 19:14	
EPA 6010D	Chromium	27.8	mg/kg	1.2	07/21/21 19:14	
EPA 6010D	Lead	86.4	mg/kg	2.3	07/21/21 19:14	
EPA 6010D	Silver	0.63J	mg/kg	1.2	07/21/21 19:14	
EPA 7471	Mercury	0.091	mg/kg	0.037	07/22/21 09:30	
EPA 8270E by SIM	Acenaphthene	10.4J	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Acenaphthylene	3.3J	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Anthracene	9.3J	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Benzo(a)anthracene	16.1J	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Benzo(a)pyrene	10.5J	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Benzo(b)fluoranthene	13.8J	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Benzo(g,h,i)perylene	10.9J	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Benzo(k)fluoranthene	4.2J	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Chrysene	24.0	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Fluoranthene	25.0	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Fluorene	6.3J	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	5.8J	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	1-Methylnaphthalene	62.0	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	2-Methylnaphthalene	95.2	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Naphthalene	127	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Phenanthrene	83.3	ug/kg	19.4	07/28/21 17:36	
EPA 8270E by SIM	Pyrene	25.6	ug/kg	19.4	07/28/21 17:36	
EPA 8260	Benzene	20.9J	ug/kg	26.4	07/21/21 01:10	
EPA 8260	Naphthalene	134J	ug/kg	330	07/21/21 01:10	
EPA 8260	Toluene	33.3J	ug/kg	66.0	07/21/21 01:10	
ASTM D2974-87	Percent Moisture	13.8	%	0.10	07/19/21 13:17	
<b>40230183005</b>	<b>P-11 (1)</b>					
EPA 8082	PCB-1254 (Aroclor 1254)	85.0	ug/kg	54.4	07/20/21 11:00	
EPA 8082	PCB-1260 (Aroclor 1260)	41.4J	ug/kg	54.4	07/20/21 11:00	
EPA 8082	PCB, Total	126	ug/kg	54.4	07/20/21 11:00	
WI MOD DRO	Diesel Range Organics	166	mg/kg	78.6	07/22/21 11:38	D3,DC
EPA 6010D	Arsenic	6.5	mg/kg	2.7	07/21/21 19:16	
EPA 6010D	Barium	67.3	mg/kg	0.53	07/21/21 19:16	
EPA 6010D	Cadmium	2.6	mg/kg	0.53	07/21/21 19:16	
EPA 6010D	Chromium	64.9	mg/kg	1.1	07/21/21 19:16	
EPA 6010D	Lead	162	mg/kg	2.1	07/21/21 19:16	
EPA 7471	Mercury	0.14	mg/kg	0.035	07/22/21 09:33	
EPA 8270E by SIM	Acenaphthene	8.9J	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Acenaphthylene	19.8	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Anthracene	38.5	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Benzo(a)anthracene	175	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Benzo(a)pyrene	211	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Benzo(b)fluoranthene	354	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Benzo(g,h,i)perylene	89.7	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Benzo(k)fluoranthene	139	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Chrysene	212	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Dibenz(a,h)anthracene	29.2	ug/kg	18.1	07/29/21 15:40	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40230183005</b>	<b>P-11 (1)</b>					
EPA 8270E by SIM	Fluoranthene	399	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Fluorene	10.2J	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	75.4	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	1-Methylnaphthalene	10J	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	2-Methylnaphthalene	14.1J	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Naphthalene	15.3J	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Phenanthrene	201	ug/kg	18.1	07/29/21 15:40	
EPA 8270E by SIM	Pyrene	306	ug/kg	18.1	07/29/21 15:40	
EPA 8260	Ethylbenzene	29.9J	ug/kg	58.3	07/21/21 01:30	
EPA 8260	Naphthalene	201J	ug/kg	292	07/21/21 01:30	
EPA 8260	n-Propylbenzene	14.5J	ug/kg	58.3	07/21/21 01:30	
EPA 8260	Tetrachloroethene	345	ug/kg	58.3	07/21/21 01:30	
EPA 8260	Toluene	87.1	ug/kg	58.3	07/21/21 01:30	
EPA 8260	1,2,4-Trimethylbenzene	59.5	ug/kg	58.3	07/21/21 01:30	
EPA 8260	m&p-Xylene	162	ug/kg	117	07/21/21 01:30	
EPA 8260	o-Xylene	99.6	ug/kg	58.3	07/21/21 01:30	
ASTM D2974-87	Percent Moisture	7.7	%	0.10	07/19/21 13:17	
<b>40230183006</b>	<b>P-11 (9)</b>					
WI MOD DRO	Diesel Range Organics	4.2J	mg/kg	4.8	07/22/21 11:20	
EPA 6010D	Arsenic	2.9	mg/kg	2.9	07/21/21 19:19	
EPA 6010D	Barium	90.0	mg/kg	0.58	07/21/21 19:19	
EPA 6010D	Cadmium	0.69	mg/kg	0.58	07/21/21 19:19	
EPA 6010D	Chromium	30.6	mg/kg	1.2	07/21/21 19:19	
EPA 6010D	Lead	9.7	mg/kg	2.3	07/21/21 19:19	
EPA 7471	Mercury	0.018J	mg/kg	0.038	07/22/21 09:35	
EPA 8270E by SIM	Benzo(a)anthracene	9.2J	ug/kg	20.4	07/28/21 17:53	
EPA 8270E by SIM	Benzo(a)pyrene	7.2J	ug/kg	20.4	07/28/21 17:53	
EPA 8270E by SIM	Benzo(b)fluoranthene	10.8J	ug/kg	20.4	07/28/21 17:53	
EPA 8270E by SIM	Benzo(g,h,i)perylene	6.6J	ug/kg	20.4	07/28/21 17:53	
EPA 8270E by SIM	Benzo(k)fluoranthene	4.2J	ug/kg	20.4	07/28/21 17:53	
EPA 8270E by SIM	Chrysene	11.1J	ug/kg	20.4	07/28/21 17:53	
EPA 8270E by SIM	Fluoranthene	14.2J	ug/kg	20.4	07/28/21 17:53	
EPA 8270E by SIM	Phenanthrene	6.0J	ug/kg	20.4	07/28/21 17:53	
EPA 8270E by SIM	Pyrene	14.3J	ug/kg	20.4	07/28/21 17:53	
EPA 8260	Chlorobenzene	25.9J	ug/kg	72.4	07/23/21 12:59	
ASTM D2974-87	Percent Moisture	18.3	%	0.10	07/19/21 13:17	
<b>40230183007</b>	<b>P-15 (1)</b>					
WI MOD DRO	Diesel Range Organics	4210	mg/kg	385	07/22/21 12:06	DC
EPA 6010D	Barium	91.2	mg/kg	5.3	07/22/21 13:42	
EPA 6010D	Chromium	1560	mg/kg	10.7	07/22/21 13:42	
EPA 6010D	Lead	63.8	mg/kg	21.4	07/22/21 13:42	
EPA 7471	Mercury	0.31	mg/kg	0.038	07/22/21 10:24	
EPA 8270E by SIM	Acenaphthylene	155J	ug/kg	361	07/29/21 15:57	
EPA 8270E by SIM	Anthracene	177J	ug/kg	361	07/29/21 15:57	
EPA 8270E by SIM	Benzo(a)anthracene	336J	ug/kg	361	07/29/21 15:57	
EPA 8270E by SIM	Benzo(a)pyrene	720	ug/kg	361	07/29/21 15:57	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183007</b>	<b>P-15 (1)</b>					
EPA 8270E by SIM	Benzo(b)fluoranthene	1080	ug/kg	361	07/29/21 15:57	
EPA 8270E by SIM	Benzo(g,h,i)perylene	407	ug/kg	361	07/29/21 15:57	
EPA 8270E by SIM	Benzo(k)fluoranthene	563	ug/kg	361	07/29/21 15:57	
EPA 8270E by SIM	Chrysene	985	ug/kg	361	07/29/21 15:57	
EPA 8270E by SIM	Dibenz(a,h)anthracene	121J	ug/kg	361	07/29/21 15:57	
EPA 8270E by SIM	Fluoranthene	1300	ug/kg	361	07/29/21 15:57	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	356J	ug/kg	361	07/29/21 15:57	
EPA 8270E by SIM	Phenanthrene	525	ug/kg	361	07/29/21 15:57	
EPA 8270E by SIM	Pyrene	980	ug/kg	361	07/29/21 15:57	
ASTM D2974-87	Percent Moisture	7.5	%	0.10	07/19/21 13:17	
<b>40230183008</b>	<b>P-15 (7)</b>					
EPA 8082	PCB-1254 (Aroclor 1254)	168	ug/kg	60.0	07/20/21 13:29	
EPA 8082	PCB, Total	168	ug/kg	60.0	07/20/21 13:29	
WI MOD DRO	Diesel Range Organics	56.2	mg/kg	4.7	07/22/21 08:43	DC
EPA 6010D	Arsenic	4.7J	mg/kg	5.9	07/22/21 13:44	D3
EPA 6010D	Barium	40.5	mg/kg	1.2	07/22/21 13:44	
EPA 6010D	Chromium	15.0	mg/kg	2.4	07/22/21 13:44	
EPA 6010D	Lead	10.6	mg/kg	4.7	07/22/21 13:44	
EPA 7471	Mercury	0.067	mg/kg	0.039	07/22/21 10:31	B
EPA 8270E by SIM	Acenaphthene	850	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	Anthracene	172	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	Benzo(a)anthracene	122	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	Benzo(a)pyrene	27.3J	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	Benzo(b)fluoranthene	45.6J	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	Benzo(k)fluoranthene	23.1J	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	Chrysene	109	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	Fluoranthene	875	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	Fluorene	692	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	1-Methylnaphthalene	592	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	2-Methylnaphthalene	1190	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	Naphthalene	1370	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	Phenanthrene	2030	ug/kg	100	07/28/21 18:10	
EPA 8270E by SIM	Pyrene	469	ug/kg	100	07/28/21 18:10	
EPA 8260	Benzene	22.5J	ug/kg	28.0	07/23/21 21:39	
EPA 8260	Naphthalene	321J	ug/kg	350	07/23/21 21:39	
EPA 8260	Toluene	35.2J	ug/kg	70.1	07/23/21 21:39	
ASTM D2974-87	Percent Moisture	16.7	%	0.10	07/19/21 13:17	
<b>40230183009</b>	<b>P-9 (2)</b>					
EPA 8082	PCB-1242 (Aroclor 1242)	1930	ug/kg	539	07/20/21 17:13	
EPA 8082	PCB-1254 (Aroclor 1254)	801	ug/kg	539	07/20/21 17:13	
EPA 8082	PCB, Total	2730	ug/kg	539	07/20/21 17:13	
WI MOD DRO	Diesel Range Organics	1480	mg/kg	87.8	07/22/21 10:24	DC
EPA 6010D	Barium	148	mg/kg	2.7	07/22/21 13:52	
EPA 6010D	Cadmium	4.7	mg/kg	2.7	07/22/21 13:52	
EPA 6010D	Chromium	1350	mg/kg	5.4	07/22/21 13:52	
EPA 6010D	Lead	312	mg/kg	10.7	07/22/21 13:52	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183009</b>	<b>P-9 (2)</b>					
EPA 7471	Mercury	0.55	mg/kg	0.037	07/22/21 10:38	
EPA 8270E by SIM	Anthracene	49.5J	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	Benzo(a)anthracene	168J	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	Benzo(a)pyrene	214	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	Benzo(b)fluoranthene	296	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	Benzo(g,h,i)perylene	250	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	Benzo(k)fluoranthene	147J	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	Chrysene	228	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	Dibenz(a,h)anthracene	58.5J	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	Fluoranthene	334	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	158J	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	1-Methylnaphthalene	34.8J	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	2-Methylnaphthalene	46.0J	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	Naphthalene	34.0J	ug/kg	180	07/30/21 12:32	D3
EPA 8270E by SIM	Phenanthrene	162J	ug/kg	180	07/30/21 12:32	
EPA 8270E by SIM	Pyrene	384	ug/kg	180	07/30/21 12:32	
EPA 8260	Ethylbenzene	21.8J	ug/kg	57.6	07/26/21 16:12	
EPA 8260	Naphthalene	144J	ug/kg	288	07/26/21 16:12	
EPA 8260	Styrene	16.3J	ug/kg	57.6	07/26/21 16:12	
EPA 8260	Toluene	32.7J	ug/kg	57.6	07/26/21 16:12	
EPA 8260	1,2,4-Trichlorobenzene	50.8J	ug/kg	288	07/26/21 16:12	
EPA 8260	Trichlorofluoromethane	428	ug/kg	57.6	07/26/21 16:12	
EPA 8260	1,2,4-Trimethylbenzene	36.2J	ug/kg	57.6	07/26/21 16:12	
EPA 8260	m&p-Xylene	60.6J	ug/kg	115	07/26/21 16:12	
EPA 8260	o-Xylene	32.2J	ug/kg	57.6	07/26/21 16:12	
ASTM D2974-87	Percent Moisture	7.0	%	0.10	07/19/21 13:17	
<b>40230183010</b>	<b>P-9 (8)</b>					
EPA 8082	PCB-1242 (Aroclor 1242)	181	ug/kg	56.8	07/20/21 13:54	
EPA 8082	PCB-1254 (Aroclor 1254)	60.7	ug/kg	56.8	07/20/21 13:54	
EPA 8082	PCB, Total	242	ug/kg	56.8	07/20/21 13:54	
WI MOD DRO	Diesel Range Organics	32.7	mg/kg	4.0	07/22/21 08:52	DC
EPA 6010D	Arsenic	3.8	mg/kg	2.7	07/21/21 19:29	
EPA 6010D	Barium	67.8	mg/kg	0.54	07/21/21 19:29	
EPA 6010D	Cadmium	0.24J	mg/kg	0.54	07/21/21 19:29	
EPA 6010D	Chromium	35.4	mg/kg	1.1	07/21/21 19:29	
EPA 6010D	Lead	25.7	mg/kg	2.2	07/21/21 19:29	
EPA 7471	Mercury	0.075	mg/kg	0.038	07/22/21 10:40	B
EPA 8270E by SIM	Acenaphthene	35.6J	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	Anthracene	27.6J	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	Benzo(a)anthracene	31.1J	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	Benzo(a)pyrene	80.9	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	Benzo(b)fluoranthene	123	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	Benzo(g,h,i)perylene	29.2J	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	Benzo(k)fluoranthene	60.7J	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	Chrysene	79.0	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	Fluoranthene	151	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	Fluorene	34.4J	ug/kg	75.9	07/29/21 16:32	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183010</b>	<b>P-9 (8)</b>					
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	25.2J	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	1-Methylnaphthalene	78.1	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	2-Methylnaphthalene	118	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	Naphthalene	157	ug/kg	75.9	07/29/21 16:32	D3
EPA 8270E by SIM	Phenanthrene	183	ug/kg	75.9	07/29/21 16:32	
EPA 8270E by SIM	Pyrene	142	ug/kg	75.9	07/29/21 16:32	
EPA 8260	Benzene	57.8	ug/kg	25.5	07/26/21 16:31	
EPA 8260	Chloroethane	111J	ug/kg	319	07/26/21 16:31	
EPA 8260	1,1-Dichloroethane	251	ug/kg	63.8	07/26/21 16:31	
EPA 8260	cis-1,2-Dichloroethene	67.7	ug/kg	63.8	07/26/21 16:31	
EPA 8260	Ethylbenzene	154	ug/kg	63.8	07/26/21 16:31	
EPA 8260	Methylene Chloride	31.6J	ug/kg	63.8	07/26/21 16:31	
EPA 8260	Naphthalene	220J	ug/kg	319	07/26/21 16:31	
EPA 8260	Toluene	167	ug/kg	63.8	07/26/21 16:31	
EPA 8260	Trichloroethene	85.0	ug/kg	63.8	07/26/21 16:31	
EPA 8260	1,2,4-Trimethylbenzene	50.9J	ug/kg	63.8	07/26/21 16:31	
EPA 8260	1,3,5-Trimethylbenzene	21.5J	ug/kg	63.8	07/26/21 16:31	
EPA 8260	Vinyl chloride	38.5J	ug/kg	63.8	07/26/21 16:31	
EPA 8260	m&p-Xylene	255	ug/kg	128	07/26/21 16:31	
EPA 8260	o-Xylene	153	ug/kg	63.8	07/26/21 16:31	
ASTM D2974-87	Percent Moisture	12.1	%	0.10	07/19/21 13:17	
<b>40230183011</b>	<b>P-10 (2)</b>					
WI MOD DRO	Diesel Range Organics	12.5	mg/kg	3.9	07/22/21 09:02	DC
EPA 6010D	Barium	112	mg/kg	10.7	07/22/21 13:54	
EPA 6010D	Chromium	2400	mg/kg	21.4	07/22/21 13:54	
EPA 6010D	Silver	6.7J	mg/kg	21.4	07/22/21 13:54	D3
EPA 7471	Mercury	0.044	mg/kg	0.035	07/22/21 10:42	B
EPA 8270E by SIM	Benzo(a)anthracene	2.5J	ug/kg	18.8	07/28/21 18:28	
EPA 8270E by SIM	Fluoranthene	3.8J	ug/kg	18.8	07/28/21 18:28	
EPA 8270E by SIM	Phenanthrene	3.4J	ug/kg	18.8	07/28/21 18:28	
EPA 8270E by SIM	Pyrene	3.1J	ug/kg	18.8	07/28/21 18:28	
ASTM D2974-87	Percent Moisture	11.2	%	0.10	07/19/21 13:18	
<b>40230183012</b>	<b>P-10 (6)</b>					
WI MOD DRO	Diesel Range Organics	20.6	mg/kg	4.3	07/22/21 09:11	DC
EPA 6010D	Barium	59.5	mg/kg	1.3	07/22/21 13:56	
EPA 6010D	Chromium	36.7	mg/kg	2.6	07/22/21 13:56	
EPA 6010D	Lead	7.8	mg/kg	5.1	07/22/21 13:56	
EPA 7471	Mercury	0.068	mg/kg	0.044	07/22/21 10:45	B
EPA 8270E by SIM	Acenaphthene	3.0J	ug/kg	22.6	07/28/21 18:45	
EPA 8270E by SIM	Benzo(a)anthracene	5.2J	ug/kg	22.6	07/28/21 18:45	
EPA 8270E by SIM	Benzo(a)pyrene	3.4J	ug/kg	22.6	07/28/21 18:45	
EPA 8270E by SIM	Benzo(b)fluoranthene	5.8J	ug/kg	22.6	07/28/21 18:45	
EPA 8270E by SIM	Chrysene	5.8J	ug/kg	22.6	07/28/21 18:45	
EPA 8270E by SIM	Fluoranthene	8.5J	ug/kg	22.6	07/28/21 18:45	
EPA 8270E by SIM	Phenanthrene	9.3J	ug/kg	22.6	07/28/21 18:45	
EPA 8270E by SIM	Pyrene	7.2J	ug/kg	22.6	07/28/21 18:45	

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183012</b>	<b>P-10 (6)</b>					
ASTM D2974-87	Percent Moisture	26.1	%	0.10	07/19/21 13:18	
<b>40230183014</b>	<b>P-5 (2)</b>					
EPA 8082	PCB-1242 (Aroclor 1242)	62.9J	ug/kg	64.1	07/20/21 20:28	
EPA 8082	PCB-1254 (Aroclor 1254)	45.0J	ug/kg	64.1	07/20/21 20:28	
EPA 8082	PCB-1260 (Aroclor 1260)	47.6J	ug/kg	64.1	07/20/21 20:28	
EPA 8082	PCB, Total	156	ug/kg	64.1	07/20/21 20:28	
WI MOD DRO	Diesel Range Organics	69.5	mg/kg	4.9	07/22/21 09:20	DC
EPA 6010D	Arsenic	11.3	mg/kg	3.0	07/21/21 19:41	
EPA 6010D	Barium	118	mg/kg	0.60	07/21/21 19:41	
EPA 6010D	Cadmium	0.69	mg/kg	0.60	07/21/21 19:41	
EPA 6010D	Chromium	37.0	mg/kg	1.2	07/21/21 19:41	
EPA 6010D	Lead	39.4	mg/kg	2.4	07/21/21 19:41	
EPA 7471	Mercury	0.13	mg/kg	0.043	07/22/21 10:47	B
EPA 8270E by SIM	Acenaphthene	6.5J	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Acenaphthylene	15.2J	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Anthracene	24.6	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Benzo(a)anthracene	64.8	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Benzo(a)pyrene	66.4	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Benzo(b)fluoranthene	117	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Benzo(g,h,i)perylene	31.2	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Benzo(k)fluoranthene	55.7	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Chrysene	91.4	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Dibenz(a,h)anthracene	11.1J	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Fluoranthene	129	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Fluorene	6.4J	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	25.8	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	1-Methylnaphthalene	15.6J	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	2-Methylnaphthalene	24.6	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Naphthalene	29.4	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Phenanthrene	83.6	ug/kg	21.3	07/29/21 16:49	
EPA 8270E by SIM	Pyrene	122	ug/kg	21.3	07/29/21 16:49	
ASTM D2974-87	Percent Moisture	21.8	%	0.10	07/19/21 13:18	
<b>40230183015</b>	<b>P-5 (5)</b>					
EPA 6010D	Arsenic	12.0	mg/kg	2.9	07/21/21 19:43	
EPA 6010D	Barium	111	mg/kg	0.58	07/21/21 19:43	
EPA 6010D	Chromium	31.2	mg/kg	1.2	07/21/21 19:43	
EPA 6010D	Lead	14.5	mg/kg	2.3	07/21/21 19:43	
EPA 7471	Mercury	0.093	mg/kg	0.041	07/22/21 10:49	B
EPA 8270E by SIM	Acenaphthene	115	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Anthracene	16.7J	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Benzo(a)anthracene	19.4J	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Benzo(a)pyrene	15.5J	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Benzo(b)fluoranthene	28.1	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Benzo(g,h,i)perylene	13.5J	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Benzo(k)fluoranthene	9.8J	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Chrysene	23.4	ug/kg	21.3	07/28/21 19:02	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183015</b>	<b>P-5 (5)</b>					
EPA 8270E by SIM	Dibenz(a,h)anthracene	3.4J	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Fluoranthene	74.2	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Fluorene	67.1	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	10.6J	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	1-Methylnaphthalene	11.9J	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	2-Methylnaphthalene	18.3J	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Naphthalene	7.6J	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Phenanthrene	173	ug/kg	21.3	07/28/21 19:02	
EPA 8270E by SIM	Pyrene	53.7	ug/kg	21.3	07/28/21 19:02	
ASTM D2974-87	Percent Moisture	21.6	%	0.10	07/19/21 13:18	
<b>40230183016</b>	<b>P-1 (2)</b>					
WI MOD DRO	Diesel Range Organics	1.8J	mg/kg	4.3	07/22/21 09:38	
EPA 6010D	Arsenic	3.6	mg/kg	2.9	07/21/21 19:46	
EPA 6010D	Barium	46.0	mg/kg	0.58	07/21/21 19:46	
EPA 6010D	Chromium	21.9	mg/kg	1.2	07/21/21 19:46	
EPA 6010D	Lead	8.4	mg/kg	2.3	07/21/21 19:46	
EPA 7471	Mercury	0.078	mg/kg	0.037	07/22/21 10:52	B
ASTM D2974-87	Percent Moisture	16.0	%	0.10	07/19/21 14:58	
<b>40230183017</b>	<b>P-1 (5)</b>					
WI MOD DRO	Diesel Range Organics	1.2J	mg/kg	3.6	07/22/21 09:47	
EPA 6010D	Arsenic	4.6	mg/kg	2.8	07/21/21 19:48	
EPA 6010D	Barium	35.7	mg/kg	0.56	07/21/21 19:48	
EPA 6010D	Chromium	17.7	mg/kg	1.1	07/21/21 19:48	
EPA 6010D	Lead	7.4	mg/kg	2.2	07/21/21 19:48	
EPA 7471	Mercury	0.062	mg/kg	0.037	07/22/21 10:54	B
EPA 8260	cis-1,2-Dichloroethene	77.0	ug/kg	63.2	07/23/21 18:43	
EPA 8260	Trichloroethene	281	ug/kg	63.2	07/23/21 18:43	
ASTM D2974-87	Percent Moisture	11.7	%	0.10	07/19/21 14:58	
<b>40230183018</b>	<b>P-16 (2)</b>					
EPA 8082	PCB-1242 (Aroclor 1242)	992	ug/kg	560	07/20/21 18:02	
EPA 8082	PCB-1254 (Aroclor 1254)	512J	ug/kg	560	07/20/21 18:02	
EPA 8082	PCB, Total	1500	ug/kg	560	07/20/21 18:02	
WI MOD DRO	Diesel Range Organics	779	mg/kg	75.7	07/22/21 10:33	DC
EPA 6010D	Barium	153	mg/kg	2.6	07/22/21 13:59	
EPA 6010D	Cadmium	6.5	mg/kg	2.6	07/22/21 13:59	
EPA 6010D	Chromium	700	mg/kg	5.3	07/22/21 13:59	
EPA 6010D	Lead	227	mg/kg	10.6	07/22/21 13:59	
EPA 6010D	Silver	3.7J	mg/kg	5.3	07/22/21 13:59	D3
EPA 7471	Mercury	0.76	mg/kg	0.037	07/22/21 10:56	
EPA 8270E by SIM	Acenaphthene	7.4J	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Acenaphthylene	10.2J	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Anthracene	39.9	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Benzo(a)anthracene	96.9	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Benzo(a)pyrene	111	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Benzo(b)fluoranthene	264	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Benzo(g,h,i)perylene	66.2	ug/kg	18.7	07/29/21 17:07	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183018</b>	<b>P-16 (2)</b>					
EPA 8270E by SIM	Benzo(k)fluoranthene	138	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Chrysene	94.5	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Dibenz(a,h)anthracene	18.8	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Fluoranthene	165	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Fluorene	7.9J	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	51.6	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	1-Methylnaphthalene	9.6J	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	2-Methylnaphthalene	15.6J	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Naphthalene	11.1J	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Phenanthrene	92.4	ug/kg	18.7	07/29/21 17:07	
EPA 8270E by SIM	Pyrene	277	ug/kg	18.7	07/29/21 17:07	
EPA 8260	Isopropylbenzene (Cumene)	19.7J	ug/kg	62.0	07/23/21 19:03	
EPA 8260	Styrene	81.1	ug/kg	62.0	07/23/21 19:03	
EPA 8260	Trichlorofluoromethane	26.8J	ug/kg	62.0	07/23/21 19:03	
ASTM D2974-87	Percent Moisture	10.7	%	0.10	07/19/21 14:58	
<b>40230183019</b>	<b>P-16 (8)</b>					
EPA 8082	PCB-1242 (Aroclor 1242)	2040	ug/kg	610	07/20/21 18:51	
EPA 8082	PCB-1254 (Aroclor 1254)	1180	ug/kg	610	07/20/21 18:51	
EPA 8082	PCB, Total	3230	ug/kg	610	07/20/21 18:51	
WI MOD DRO	Diesel Range Organics	1610	mg/kg	118	07/22/21 11:56	DC
EPA 6010D	Barium	148	mg/kg	1.1	07/22/21 14:01	
EPA 6010D	Cadmium	2.6	mg/kg	1.1	07/22/21 14:01	
EPA 6010D	Chromium	206	mg/kg	2.3	07/22/21 14:01	
EPA 6010D	Lead	115	mg/kg	4.6	07/22/21 14:01	
EPA 7471	Mercury	1.2	mg/kg	0.039	07/22/21 10:58	
EPA 8270E by SIM	Acenaphthene	96.7J	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Anthracene	182J	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Benzo(a)anthracene	468J	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Benzo(a)pyrene	403J	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Benzo(b)fluoranthene	624	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Benzo(g,h,i)perylene	328J	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Benzo(k)fluoranthene	251J	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Chrysene	546	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Dibenz(a,h)anthracene	73.9J	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Fluoranthene	1120	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Fluorene	74.4J	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	244J	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Naphthalene	85.5J	ug/kg	511	07/30/21 12:49	D3
EPA 8270E by SIM	Phenanthrene	676	ug/kg	511	07/30/21 12:49	
EPA 8270E by SIM	Pyrene	887	ug/kg	511	07/30/21 12:49	
EPA 8260	sec-Butylbenzene	41.8J	ug/kg	72.3	07/23/21 19:23	
EPA 8260	Isopropylbenzene (Cumene)	40.7J	ug/kg	72.3	07/23/21 19:23	
EPA 8260	Naphthalene	177J	ug/kg	361	07/23/21 19:23	
EPA 8260	n-Propylbenzene	36.6J	ug/kg	72.3	07/23/21 19:23	
EPA 8260	Styrene	24.5J	ug/kg	72.3	07/23/21 19:23	
EPA 8260	Toluene	29.4J	ug/kg	72.3	07/23/21 19:23	
EPA 8260	Trichlorofluoromethane	29.7J	ug/kg	72.3	07/23/21 19:23	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183019</b>	<b>P-16 (8)</b>					
EPA 8260	1,2,4-Trimethylbenzene	238	ug/kg	72.3	07/23/21 19:23	
EPA 8260	1,3,5-Trimethylbenzene	94.0	ug/kg	72.3	07/23/21 19:23	
EPA 8260	m&p-Xylene	36.0J	ug/kg	145	07/23/21 19:23	
ASTM D2974-87	Percent Moisture	18.2	%	0.10	07/19/21 14:58	
<b>40230183020</b>	<b>P-13 (2)</b>					
WI MOD DRO	Diesel Range Organics	3860	mg/kg	348	07/22/21 12:15	DC
EPA 6010D	Barium	114	mg/kg	1.0	07/22/21 14:04	
EPA 6010D	Cadmium	5.6	mg/kg	1.0	07/22/21 14:04	
EPA 6010D	Chromium	68.4	mg/kg	2.1	07/22/21 14:04	
EPA 6010D	Lead	424	mg/kg	4.1	07/22/21 14:04	
EPA 7471	Mercury	1.3	mg/kg	0.036	07/22/21 11:08	
EPA 8270E by SIM	Acenaphthene	260J	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	Anthracene	345J	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	Benzo(a)anthracene	566J	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	Benzo(a)pyrene	599J	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	Benzo(b)fluoranthene	812	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	Benzo(g,h,i)perylene	177J	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	Benzo(k)fluoranthene	429J	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	Chrysene	847	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	Fluoranthene	1620	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	Fluorene	376J	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	161J	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	1-Methylnaphthalene	249J	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	2-Methylnaphthalene	329J	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	Naphthalene	260J	ug/kg	727	07/29/21 17:41	D3
EPA 8270E by SIM	Phenanthrene	1750	ug/kg	727	07/29/21 17:41	
EPA 8270E by SIM	Pyrene	1420	ug/kg	727	07/29/21 17:41	
EPA 8260	n-Butylbenzene	371	ug/kg	58.8	07/23/21 19:42	
EPA 8260	sec-Butylbenzene	88.2	ug/kg	58.8	07/23/21 19:42	
EPA 8260	cis-1,2-Dichloroethene	64.1	ug/kg	58.8	07/23/21 19:42	
EPA 8260	Ethylbenzene	336	ug/kg	58.8	07/23/21 19:42	
EPA 8260	Isopropylbenzene (Cumene)	47.6J	ug/kg	58.8	07/23/21 19:42	
EPA 8260	p-Isopropyltoluene	179	ug/kg	58.8	07/23/21 19:42	
EPA 8260	Naphthalene	405	ug/kg	294	07/23/21 19:42	
EPA 8260	n-Propylbenzene	67.1	ug/kg	58.8	07/23/21 19:42	
EPA 8260	Toluene	101	ug/kg	58.8	07/23/21 19:42	
EPA 8260	1,1,1-Trichloroethane	51.6J	ug/kg	58.8	07/23/21 19:42	
EPA 8260	Trichloroethene	25.0J	ug/kg	58.8	07/23/21 19:42	
EPA 8260	1,2,4-Trimethylbenzene	886	ug/kg	58.8	07/23/21 19:42	
EPA 8260	1,3,5-Trimethylbenzene	351	ug/kg	58.8	07/23/21 19:42	
EPA 8260	m&p-Xylene	490	ug/kg	118	07/23/21 19:42	
EPA 8260	o-Xylene	295	ug/kg	58.8	07/23/21 19:42	
ASTM D2974-87	Percent Moisture	8.1	%	0.10	07/19/21 14:58	
<b>40230183021</b>	<b>P-13 (5)</b>					
EPA 8082	PCB-1254 (Aroclor 1254)	94.2	ug/kg	54.6	07/20/21 21:42	
EPA 8082	PCB-1260 (Aroclor 1260)	44.7J	ug/kg	54.6	07/20/21 21:42	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183021</b>	<b>P-13 (5)</b>					
EPA 8082	PCB, Total	139	ug/kg	54.6	07/20/21 21:42	
WI MOD DRO	Diesel Range Organics	33.0	mg/kg	4.1	07/23/21 08:51	DC
EPA 6010D	Barium	83.1	mg/kg	10.2	07/23/21 12:38	
EPA 6010D	Chromium	24.8	mg/kg	20.4	07/23/21 12:38	
EPA 6010D	Lead	72.5	mg/kg	40.8	07/23/21 12:38	
EPA 7471	Mercury	0.27	mg/kg	0.038	07/22/21 11:10	
EPA 8270E by SIM	Acenaphthene	10.0J	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Acenaphthylene	3.9J	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Anthracene	15.0J	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Benzo(a)anthracene	18.7	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Benzo(a)pyrene	21.5	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Benzo(b)fluoranthene	30.5	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Benzo(g,h,i)perylene	22.1	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Benzo(k)fluoranthene	10.7J	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Chrysene	29.8	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Dibenz(a,h)anthracene	5.7J	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Fluoranthene	38.7	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Fluorene	27.6	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	14.7J	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	1-Methylnaphthalene	54.8	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	2-Methylnaphthalene	135	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Naphthalene	59.7	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Phenanthrene	126	ug/kg	18.2	07/29/21 12:48	
EPA 8270E by SIM	Pyrene	30.7	ug/kg	18.2	07/29/21 12:48	
EPA 8260	Benzene	27.0	ug/kg	23.7	07/26/21 15:52	
EPA 8260	Ethylbenzene	25.4J	ug/kg	59.4	07/26/21 15:52	
EPA 8260	Isopropylbenzene (Cumene)	66.6	ug/kg	59.4	07/26/21 15:52	
EPA 8260	Naphthalene	146J	ug/kg	297	07/26/21 15:52	
EPA 8260	n-Propylbenzene	15.8J	ug/kg	59.4	07/26/21 15:52	
EPA 8260	Toluene	51.4J	ug/kg	59.4	07/26/21 15:52	
EPA 8260	1,2,4-Trimethylbenzene	31.3J	ug/kg	59.4	07/26/21 15:52	
EPA 8260	m&p-Xylene	57.3J	ug/kg	119	07/26/21 15:52	
EPA 8260	o-Xylene	21.3J	ug/kg	59.4	07/26/21 15:52	
ASTM D2974-87	Percent Moisture	8.6	%	0.10	07/19/21 14:58	
<b>40230183022</b>	<b>P-14 (2)</b>					
WI MOD DRO	Diesel Range Organics	1.5J	mg/kg	3.6	07/23/21 08:33	
EPA 6010D	Arsenic	1.6J	mg/kg	2.6	07/21/21 17:39	
EPA 6010D	Barium	9.2	mg/kg	0.52	07/21/21 17:39	
EPA 6010D	Chromium	4.0	mg/kg	1.0	07/21/21 17:39	
EPA 6010D	Lead	2.4	mg/kg	2.1	07/21/21 17:39	
EPA 7471	Mercury	0.023J	mg/kg	0.034	07/22/21 11:12	B
ASTM D2974-87	Percent Moisture	4.1	%	0.10	07/19/21 14:58	
<b>40230183023</b>	<b>P-14 (5)</b>					
EPA 6010D	Barium	10.2	mg/kg	0.51	07/21/21 17:49	
EPA 6010D	Chromium	3.9	mg/kg	1.0	07/21/21 17:49	
EPA 6010D	Lead	2.4	mg/kg	2.1	07/21/21 17:49	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183023</b>	<b>P-14 (5)</b>					
EPA 7471	Mercury	0.027J	mg/kg	0.033	07/22/21 11:15	B
ASTM D2974-87	Percent Moisture	3.9	%	0.10	07/19/21 14:59	
<b>40230183024</b>	<b>P-8 (4)</b>					
WI MOD DRO	Diesel Range Organics	420	mg/kg	43.0	07/23/21 11:37	DC
EPA 6010D	Arsenic	27.6	mg/kg	15.1	07/22/21 13:13	
EPA 6010D	Barium	106	mg/kg	3.0	07/22/21 13:13	
EPA 6010D	Cadmium	40.6	mg/kg	3.0	07/22/21 13:13	
EPA 6010D	Chromium	42.1	mg/kg	6.0	07/22/21 13:13	
EPA 6010D	Lead	6100	mg/kg	12.1	07/22/21 13:13	
EPA 6010D	Silver	19.7	mg/kg	6.0	07/22/21 13:13	
EPA 7471	Mercury	1.0	mg/kg	0.042	07/22/21 11:17	
EPA 8270E by SIM	Acenaphthene	96.2J	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Acenaphthylene	49.1J	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Anthracene	167	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Benzo(a)anthracene	388	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Benzo(a)pyrene	362	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Benzo(b)fluoranthene	646	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Benzo(g,h,i)perylene	121J	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Benzo(k)fluoranthene	191	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Chrysene	673	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Dibenz(a,h)anthracene	68.2J	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Fluoranthene	618	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Fluorene	91.5J	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	95.6J	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	1-Methylnaphthalene	415	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	2-Methylnaphthalene	569	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Naphthalene	521	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Phenanthrene	1050	ug/kg	166	07/29/21 19:08	
EPA 8270E by SIM	Pyrene	672	ug/kg	166	07/29/21 19:08	
EPA 8260	Benzene	55.0	ug/kg	29.8	07/23/21 21:00	
EPA 8260	Ethylbenzene	31.5J	ug/kg	74.5	07/23/21 21:00	
EPA 8260	Naphthalene	214J	ug/kg	372	07/23/21 21:00	
EPA 8260	Tetrachloroethene	62.5J	ug/kg	74.5	07/23/21 21:00	
EPA 8260	Toluene	221	ug/kg	74.5	07/23/21 21:00	
EPA 8260	Trichloroethene	66.9J	ug/kg	74.5	07/23/21 21:00	
EPA 8260	1,2,4-Trimethylbenzene	52.9J	ug/kg	74.5	07/23/21 21:00	
EPA 8260	m&p-Xylene	151	ug/kg	149	07/23/21 21:00	
EPA 8260	o-Xylene	71.7J	ug/kg	74.5	07/23/21 21:00	
ASTM D2974-87	Percent Moisture	19.7	%	0.10	07/19/21 14:59	
<b>40230183025</b>	<b>P-8 (7)</b>					
WI MOD DRO	Diesel Range Organics	189	mg/kg	18.7	07/23/21 11:46	DC
EPA 6010D	Arsenic	2.0J	mg/kg	3.0	07/21/21 17:57	
EPA 6010D	Barium	85.2	mg/kg	0.60	07/21/21 17:57	
EPA 6010D	Cadmium	4.5	mg/kg	0.60	07/21/21 17:57	
EPA 6010D	Chromium	28.2	mg/kg	1.2	07/21/21 17:57	
EPA 6010D	Lead	502	mg/kg	2.4	07/21/21 17:57	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183025</b>	<b>P-8 (7)</b>					
EPA 7471	Mercury	0.078	mg/kg	0.040	07/22/21 11:19	B
EPA 8270E by SIM	Benzo(a)anthracene	4.5J	ug/kg	19.9	07/29/21 13:05	
EPA 8270E by SIM	Benzo(a)pyrene	3.2J	ug/kg	19.9	07/29/21 13:05	
EPA 8270E by SIM	Benzo(b)fluoranthene	4.8J	ug/kg	19.9	07/29/21 13:05	
EPA 8270E by SIM	Chrysene	7.7J	ug/kg	19.9	07/29/21 13:05	
EPA 8270E by SIM	Fluoranthene	5.3J	ug/kg	19.9	07/29/21 13:05	
EPA 8270E by SIM	Phenanthrene	4.6J	ug/kg	19.9	07/29/21 13:05	
EPA 8270E by SIM	Pyrene	4.4J	ug/kg	19.9	07/29/21 13:05	
ASTM D2974-87	Percent Moisture	16.1	%	0.10	07/19/21 14:59	
<b>40230183026</b>	<b>P-7 (3)</b>					
WI MOD DRO	Diesel Range Organics	119	mg/kg	11.3	07/23/21 11:55	DC
EPA 6010D	Arsenic	8.2	mg/kg	5.1	07/22/21 13:15	
EPA 6010D	Barium	454	mg/kg	1.0	07/22/21 13:15	
EPA 6010D	Cadmium	20.7	mg/kg	1.0	07/22/21 13:15	
EPA 6010D	Chromium	18.3	mg/kg	2.1	07/22/21 13:15	
EPA 6010D	Lead	2830	mg/kg	4.1	07/22/21 13:15	
EPA 6010D	Silver	1.4J	mg/kg	2.1	07/22/21 13:15	D3
EPA 7471	Mercury	9.9	mg/kg	0.36	07/22/21 12:28	
EPA 8270E by SIM	Acenaphthylene	26.0J	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Anthracene	45.5J	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Benzo(a)anthracene	523	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Benzo(a)pyrene	715	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Benzo(b)fluoranthene	2020	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Benzo(g,h,i)perylene	285	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Benzo(k)fluoranthene	660	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Chrysene	559	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Dibenz(a,h)anthracene	114	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Fluoranthene	285	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	338	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	1-Methylnaphthalene	17.9J	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	2-Methylnaphthalene	25.8J	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Naphthalene	32.3J	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Phenanthrene	135	ug/kg	92.6	07/29/21 19:25	
EPA 8270E by SIM	Pyrene	326	ug/kg	92.6	07/29/21 19:25	
EPA 8260	Tetrachloroethene	388	ug/kg	70.7	07/22/21 01:03	
ASTM D2974-87	Percent Moisture	9.8	%	0.10	07/19/21 14:59	
<b>40230183027</b>	<b>P-7 (9)</b>					
EPA 6010D	Arsenic	3.6	mg/kg	2.7	07/21/21 18:01	
EPA 6010D	Barium	64.3	mg/kg	0.54	07/21/21 18:01	
EPA 6010D	Cadmium	0.23J	mg/kg	0.54	07/21/21 18:01	
EPA 6010D	Chromium	24.3	mg/kg	1.1	07/21/21 18:01	
EPA 6010D	Lead	14.3	mg/kg	2.2	07/21/21 18:01	
EPA 7471	Mercury	0.039J	mg/kg	0.040	07/22/21 11:27	B
ASTM D2974-87	Percent Moisture	14.8	%	0.10	07/19/21 14:59	
<b>40230183028</b>	<b>P-4 (1)</b>					
EPA 8082	PCB-1242 (Aroclor 1242)	34.2J	ug/kg	58.7	07/21/21 08:01	

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183028</b>	<b>P-4 (1)</b>					
EPA 8082	PCB-1254 (Aroclor 1254)	573	ug/kg	58.7	07/21/21 08:01	
EPA 8082	PCB-1260 (Aroclor 1260)	142	ug/kg	58.7	07/21/21 08:01	
EPA 8082	PCB, Total	750	ug/kg	58.7	07/21/21 08:01	
WI MOD DRO	Diesel Range Organics	125	mg/kg	80.5	07/23/21 11:28	D3,DC
EPA 6010D	Arsenic	4.6J	mg/kg	5.7	07/22/21 13:22	D3
EPA 6010D	Barium	80.4	mg/kg	1.1	07/22/21 13:22	
EPA 6010D	Cadmium	2.5	mg/kg	1.1	07/22/21 13:22	
EPA 6010D	Chromium	18.9	mg/kg	2.3	07/22/21 13:22	
EPA 6010D	Lead	151	mg/kg	4.6	07/22/21 13:22	
EPA 7471	Mercury	0.93	mg/kg	0.040	07/22/21 11:57	
EPA 8270E by SIM	Acenaphthene	9.0J	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Acenaphthylene	15.1J	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Anthracene	34.7	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Benzo(a)anthracene	76.2	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Benzo(a)pyrene	83.8	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Benzo(b)fluoranthene	158	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Benzo(g,h,i)perylene	27.9	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Benzo(k)fluoranthene	54.9	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Chrysene	86.3	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Dibenz(a,h)anthracene	11.2J	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Fluoranthene	138	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Fluorene	6.4J	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	26.5	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	1-Methylnaphthalene	26.0	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	2-Methylnaphthalene	33.5	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Naphthalene	32.3	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Phenanthrene	114	ug/kg	19.7	07/29/21 17:58	
EPA 8270E by SIM	Pyrene	122	ug/kg	19.7	07/29/21 17:58	
EPA 8260	Naphthalene	126J	ug/kg	339	07/22/21 01:23	
EPA 8260	Toluene	36.3J	ug/kg	67.7	07/22/21 01:23	
EPA 8260	m&p-Xylene	35.0J	ug/kg	135	07/22/21 01:23	
EPA 8260	o-Xylene	21.3J	ug/kg	67.7	07/22/21 01:23	
ASTM D2974-87	Percent Moisture	15.0	%	0.10	07/19/21 14:59	
<b>40230183029</b>	<b>P-3 (1)</b>					
EPA 8082	PCB-1242 (Aroclor 1242)	713	ug/kg	109	07/21/21 07:13	
EPA 8082	PCB-1254 (Aroclor 1254)	844	ug/kg	109	07/21/21 07:13	
EPA 8082	PCB-1260 (Aroclor 1260)	134	ug/kg	109	07/21/21 07:13	
EPA 8082	PCB, Total	1690	ug/kg	109	07/21/21 07:13	
WI MOD DRO	Diesel Range Organics	1370	mg/kg	78.1	07/23/21 10:23	DC
EPA 6010D	Arsenic	8.2J	mg/kg	13.4	07/22/21 13:25	D3
EPA 6010D	Barium	114	mg/kg	2.7	07/22/21 13:25	
EPA 6010D	Cadmium	2.5J	mg/kg	2.7	07/22/21 13:25	D3
EPA 6010D	Chromium	701	mg/kg	5.4	07/22/21 13:25	
EPA 6010D	Lead	216	mg/kg	10.7	07/22/21 13:25	
EPA 6010D	Silver	2.6J	mg/kg	5.4	07/22/21 13:25	D3
EPA 7471	Mercury	0.66	mg/kg	0.036	07/22/21 12:00	
EPA 8270E by SIM	Acenaphthene	66.6J	ug/kg	90.8	07/29/21 19:42	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183029</b>	<b>P-3 (1)</b>					
EPA 8270E by SIM	Acenaphthylene	53.9J	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Anthracene	116	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Benzo(a)anthracene	412	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Benzo(a)pyrene	409	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Benzo(b)fluoranthene	759	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Benzo(g,h,i)perylene	100	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Benzo(k)fluoranthene	390	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Chrysene	470	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Dibenz(a,h)anthracene	32.0J	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Fluoranthene	1050	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Fluorene	30.1J	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	104	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	1-Methylnaphthalene	22.4J	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	2-Methylnaphthalene	42.1J	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Naphthalene	43.8J	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Phenanthrene	398	ug/kg	90.8	07/29/21 19:42	
EPA 8270E by SIM	Pyrene	867	ug/kg	90.8	07/29/21 19:42	
EPA 8260	Naphthalene	131J	ug/kg	293	07/22/21 01:43	
ASTM D2974-87	Percent Moisture	8.0	%	0.10	07/19/21 15:00	
<b>40230183030</b>	<b>P-3 (7)</b>					
EPA 8082	PCB-1242 (Aroclor 1242)	19.1J	ug/kg	53.8	07/21/21 12:54	
EPA 8082	PCB, Total	19.1J	ug/kg	53.8	07/21/21 12:54	
WI MOD DRO	Diesel Range Organics	5.9	mg/kg	3.8	07/23/21 09:00	DC
EPA 6010D	Arsenic	2.0J	mg/kg	2.7	07/21/21 18:14	
EPA 6010D	Barium	22.8	mg/kg	0.53	07/21/21 18:14	
EPA 6010D	Chromium	14.9	mg/kg	1.1	07/21/21 18:14	
EPA 6010D	Lead	4.8	mg/kg	2.1	07/21/21 18:14	
EPA 7471	Mercury	0.020J	mg/kg	0.034	07/22/21 12:07	
EPA 8270E by SIM	Anthracene	2.6J	ug/kg	18.0	07/29/21 13:39	
EPA 8270E by SIM	Benzo(a)anthracene	7.4J	ug/kg	18.0	07/29/21 13:39	
EPA 8270E by SIM	Benzo(a)pyrene	6.3J	ug/kg	18.0	07/29/21 13:39	
EPA 8270E by SIM	Benzo(b)fluoranthene	10.9J	ug/kg	18.0	07/29/21 13:39	
EPA 8270E by SIM	Benzo(g,h,i)perylene	6.0J	ug/kg	18.0	07/29/21 13:39	
EPA 8270E by SIM	Benzo(k)fluoranthene	4.6J	ug/kg	18.0	07/29/21 13:39	
EPA 8270E by SIM	Chrysene	10.2J	ug/kg	18.0	07/29/21 13:39	
EPA 8270E by SIM	Fluoranthene	19.0	ug/kg	18.0	07/29/21 13:39	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	4.4J	ug/kg	18.0	07/29/21 13:39	
EPA 8270E by SIM	Phenanthrene	6.2J	ug/kg	18.0	07/29/21 13:39	
EPA 8270E by SIM	Pyrene	12.8J	ug/kg	18.0	07/29/21 13:39	
ASTM D2974-87	Percent Moisture	7.3	%	0.10	07/19/21 15:00	
<b>40230183031</b>	<b>P-17 (2)</b>					
EPA 8082	PCB-1242 (Aroclor 1242)	2520	ug/kg	268	07/21/21 20:18	
EPA 8082	PCB-1254 (Aroclor 1254)	773	ug/kg	268	07/21/21 20:18	
EPA 8082	PCB, Total	3290	ug/kg	268	07/21/21 20:18	
WI MOD DRO	Diesel Range Organics	1090	mg/kg	70.6	07/23/21 10:32	DC
EPA 6010D	Barium	321	mg/kg	5.0	07/22/21 13:27	

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183031</b>	<b>P-17 (2)</b>					
EPA 6010D	Cadmium	1.7J	mg/kg	5.0	07/22/21 13:27	D3
EPA 6010D	Chromium	3100	mg/kg	9.9	07/22/21 13:27	
EPA 6010D	Lead	278	mg/kg	19.9	07/22/21 13:27	
EPA 6010D	Selenium	15.1J	mg/kg	39.7	07/22/21 13:27	D3
EPA 6010D	Silver	4.2J	mg/kg	9.9	07/22/21 13:27	D3
EPA 7471	Mercury	1.1	mg/kg	0.034	07/22/21 12:09	
EPA 8270E by SIM	Acenaphthene	57.5J	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Acenaphthylene	9.1J	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Anthracene	130	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Benzo(a)anthracene	333	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Benzo(a)pyrene	238	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Benzo(b)fluoranthene	477	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Benzo(g,h,i)perylene	51.1J	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Benzo(k)fluoranthene	221	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Chrysene	339	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Dibenz(a,h)anthracene	16.5J	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Fluoranthene	770	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Fluorene	73.1	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	49.3J	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	1-Methylnaphthalene	61.1J	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	2-Methylnaphthalene	91.9	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Naphthalene	85.0	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Phenanthrene	566	ug/kg	71.4	07/29/21 19:59	
EPA 8270E by SIM	Pyrene	695	ug/kg	71.4	07/29/21 19:59	
EPA 8260	Benzene	17.6J	ug/kg	22.7	07/22/21 09:09	
EPA 8260	Ethylbenzene	139	ug/kg	56.7	07/22/21 09:09	
EPA 8260	Isopropylbenzene (Cumene)	49.7J	ug/kg	56.7	07/22/21 09:09	
EPA 8260	n-Propylbenzene	38.0J	ug/kg	56.7	07/22/21 09:09	
EPA 8260	Styrene	108	ug/kg	56.7	07/22/21 09:09	
EPA 8260	Toluene	84.7	ug/kg	56.7	07/22/21 09:09	
EPA 8260	1,2,4-Trichlorobenzene	69.5J	ug/kg	284	07/22/21 09:09	
EPA 8260	Trichlorofluoromethane	245	ug/kg	56.7	07/22/21 09:09	
EPA 8260	1,2,4-Trimethylbenzene	146	ug/kg	56.7	07/22/21 09:09	
EPA 8260	1,3,5-Trimethylbenzene	46.7J	ug/kg	56.7	07/22/21 09:09	
EPA 8260	m&p-Xylene	287	ug/kg	113	07/22/21 09:09	
EPA 8260	o-Xylene	144	ug/kg	56.7	07/22/21 09:09	
ASTM D2974-87	Percent Moisture	6.3	%	0.10	07/19/21 15:00	
<b>40230183032</b>	<b>P-17 (7)</b>					
EPA 8082	PCB-1242 (Aroclor 1242)	411	ug/kg	60.9	07/21/21 21:08	
EPA 8082	PCB-1254 (Aroclor 1254)	517	ug/kg	60.9	07/21/21 21:08	
EPA 8082	PCB, Total	929	ug/kg	60.9	07/21/21 21:08	
WI MOD DRO	Diesel Range Organics	678	mg/kg	45.1	07/23/21 12:05	DC
EPA 6010D	Arsenic	2.1J	mg/kg	2.9	07/21/21 18:19	
EPA 6010D	Barium	110	mg/kg	0.58	07/21/21 18:19	
EPA 6010D	Cadmium	2.5	mg/kg	0.58	07/21/21 18:19	
EPA 6010D	Chromium	86.4	mg/kg	1.2	07/21/21 18:19	
EPA 6010D	Lead	73.4	mg/kg	2.3	07/21/21 18:19	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230183032</b>	<b>P-17 (7)</b>					
EPA 7471	Mercury	0.14	mg/kg	0.038	07/22/21 12:12	
EPA 8270E by SIM	Acenaphthene	40.3J	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	Anthracene	123	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	Benzo(a)anthracene	107	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	Benzo(a)pyrene	90.2J	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	Benzo(b)fluoranthene	139	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	Benzo(g,h,i)perylene	50.2J	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	Benzo(k)fluoranthene	50.0J	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	Chrysene	145	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	Fluoranthene	349	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	Fluorene	51.3J	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	39.5J	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	1-Methylnaphthalene	55.6J	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	2-Methylnaphthalene	93.6J	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	Naphthalene	126	ug/kg	101	07/30/21 13:13	D3
EPA 8270E by SIM	Phenanthrene	325	ug/kg	101	07/30/21 13:13	
EPA 8270E by SIM	Pyrene	284	ug/kg	101	07/30/21 13:13	
EPA 8260	Benzene	36.9	ug/kg	28.6	07/22/21 09:29	
EPA 8260	Ethylbenzene	85.7	ug/kg	71.4	07/22/21 09:29	
EPA 8260	n-Propylbenzene	27.3J	ug/kg	71.4	07/22/21 09:29	
EPA 8260	Toluene	133	ug/kg	71.4	07/22/21 09:29	
EPA 8260	Trichloroethene	59.4J	ug/kg	71.4	07/22/21 09:29	
EPA 8260	1,2,4-Trimethylbenzene	164	ug/kg	71.4	07/22/21 09:29	
EPA 8260	1,3,5-Trimethylbenzene	75.2	ug/kg	71.4	07/22/21 09:29	
EPA 8260	m&p-Xylene	206	ug/kg	143	07/22/21 09:29	
EPA 8260	o-Xylene	121	ug/kg	71.4	07/22/21 09:29	
ASTM D2974-87	Percent Moisture	17.6	%	0.10	07/19/21 15:00	
<b>40230183033</b>	<b>P-4 (7)</b>					
EPA 6010D	Arsenic	2.3J	mg/kg	2.7	07/21/21 18:21	
EPA 6010D	Barium	33.0	mg/kg	0.54	07/21/21 18:21	
EPA 6010D	Chromium	12.4	mg/kg	1.1	07/21/21 18:21	
EPA 6010D	Lead	5.7	mg/kg	2.2	07/21/21 18:21	
ASTM D2974-87	Percent Moisture	10.3	%	0.10	07/19/21 15:55	
<b>40230183034</b>	<b>P-2 (2)</b>					
EPA 8082	PCB-1254 (Aroclor 1254)	25.7J	ug/kg	58.3	07/21/21 22:45	
EPA 8082	PCB, Total	25.7J	ug/kg	58.3	07/21/21 22:45	
EPA 6010D	Arsenic	2.3J	mg/kg	2.9	07/21/21 18:24	
EPA 6010D	Barium	65.8	mg/kg	0.58	07/21/21 18:24	
EPA 6010D	Chromium	17.4	mg/kg	1.2	07/21/21 18:24	
EPA 6010D	Lead	13.7	mg/kg	2.3	07/21/21 18:24	
EPA 7471	Mercury	0.019J	mg/kg	0.039	07/22/21 12:16	
ASTM D2974-87	Percent Moisture	14.2	%	0.10	07/19/21 15:56	
<b>40230183035</b>	<b>P-2 (6)</b>					
WI MOD DRO	Diesel Range Organics	1.7J	mg/kg	4.3	07/23/21 08:17	
EPA 6010D	Barium	53.3	mg/kg	0.56	07/21/21 18:26	
EPA 6010D	Chromium	29.4	mg/kg	1.1	07/21/21 18:26	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40230183035</b>	<b>P-2 (6)</b>					
EPA 6010D	Lead	5.2	mg/kg	2.2	07/21/21 18:26	
EPA 7471	Mercury	0.018J	mg/kg	0.040	07/22/21 12:19	
ASTM D2974-87	Percent Moisture	13.5	%	0.10	07/19/21 15:56	

### REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

---

**Method:** EPA 8082

**Description:** 8082 GCS PCB

**Client:** Terracon, Inc. - Franklin

**Date:** August 04, 2021

### General Information:

34 samples were analyzed for EPA 8082 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

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

### Sample Preparation:

The samples were prepared in accordance with EPA 3541 with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

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

### Continuing Calibration:

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

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 390710

S0: Surrogate recovery outside laboratory control limits.

- MS (Lab ID: 2253586)
  - Tetrachloro-m-xylene (S)
- MSD (Lab ID: 2253587)
  - Tetrachloro-m-xylene (S)
- P-12 (9) (Lab ID: 40230183004)
  - Tetrachloro-m-xylene (S)
- P-13 (5) (Lab ID: 40230183021)
  - Tetrachloro-m-xylene (S)
- P-15 (7) (Lab ID: 40230183008)
  - Tetrachloro-m-xylene (S)
- P-16 (2) (Lab ID: 40230183018)
  - Tetrachloro-m-xylene (S)
- P-16 (8) (Lab ID: 40230183019)
  - Tetrachloro-m-xylene (S)
- P-6 (2) (Lab ID: 40230183001)
  - Tetrachloro-m-xylene (S)
- P-6 (8) (Lab ID: 40230183002)
  - Tetrachloro-m-xylene (S)

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- P-13 (2) (Lab ID: 40230183020)
  - Decachlorobiphenyl (S)
  - Tetrachloro-m-xylene (S)
- P-15 (1) (Lab ID: 40230183007)

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

---

**Method:** EPA 8082

**Description:** 8082 GCS PCB

**Client:** Terracon, Inc. - Franklin

**Date:** August 04, 2021

QC Batch: 390710

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- Decachlorobiphenyl (S)
- Tetrachloro-m-xylene (S)

QC Batch: 390826

S0: Surrogate recovery outside laboratory control limits.

- P-3 (1) (Lab ID: 40230183029)
  - Tetrachloro-m-xylene (S)
- P-7 (3) (Lab ID: 40230183026)
  - Tetrachloro-m-xylene (S)
- P-8 (4) (Lab ID: 40230183024)
  - Tetrachloro-m-xylene (S)

QC Batch: 390927

S0: Surrogate recovery outside laboratory control limits.

- P-17 (2) (Lab ID: 40230183031)
  - Tetrachloro-m-xylene (S)
- P-17 (7) (Lab ID: 40230183032)
  - Tetrachloro-m-xylene (S)

### Method Blank:

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

### Laboratory Control Spike:

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

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

### Additional Comments:

Analyte Comments:

QC Batch: 390710

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- P-13 (2) (Lab ID: 40230183020)
  - PCB-1016 (Aroclor 1016)
- P-15 (1) (Lab ID: 40230183007)
  - PCB-1016 (Aroclor 1016)

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

---

**Method:** WI MOD DRO

**Description:** WIDRO GCS

**Client:** Terracon, Inc. - Franklin

**Date:** August 04, 2021

**General Information:**

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

**Hold Time:**

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

**Sample Preparation:**

The samples were prepared in accordance with WI MOD DRO with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

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

**Continuing Calibration:**

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

**Surrogates:**

All surrogates were within QC limits with any exceptions noted below.

**Method Blank:**

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

**Laboratory Control Spike:**

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

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Additional Comments:**

Analyte Comments:

QC Batch: 390931

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- P-11 (1) (Lab ID: 40230183005)
- Diesel Range Organics

QC Batch: 391062

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- P-4 (1) (Lab ID: 40230183028)
- Diesel Range Organics

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

---

**Method:** EPA 6010D

**Description:** 6010D MET ICP

**Client:** Terracon, Inc. - Franklin

**Date:** August 04, 2021

### General Information:

34 samples were analyzed for EPA 6010D by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

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

### Sample Preparation:

The samples were prepared in accordance with EPA 3050B with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

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

### Continuing Calibration:

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

### Method Blank:

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

### Laboratory Control Spike:

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

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 390794

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40230183001

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 2253808)
  - Barium
- MSD (Lab ID: 2253809)
  - Barium

### Additional Comments:

Analyte Comments:

QC Batch: 390794

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- P-10 (2) (Lab ID: 40230183011)
  - Silver
  - Arsenic
  - Cadmium
  - Lead

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

---

**Method:** EPA 6010D

**Description:** 6010D MET ICP

**Client:** Terracon, Inc. - Franklin

**Date:** August 04, 2021

Analyte Comments:

QC Batch: 390794

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- P-10 (2) (Lab ID: 40230183011)
  - Selenium
- P-10 (6) (Lab ID: 40230183012)
  - Silver
  - Arsenic
  - Cadmium
  - Selenium
- P-12 (2) (Lab ID: 40230183003)
  - Silver
  - Arsenic
  - Cadmium
  - Lead
  - Selenium
- P-13 (2) (Lab ID: 40230183020)
  - Silver
  - Arsenic
  - Selenium
- P-13 (5) (Lab ID: 40230183021)
  - Silver
  - Arsenic
  - Cadmium
  - Selenium
- P-15 (1) (Lab ID: 40230183007)
  - Silver
  - Arsenic
  - Cadmium
  - Selenium
- P-15 (7) (Lab ID: 40230183008)
  - Silver
  - Arsenic
  - Cadmium
  - Selenium
- P-16 (2) (Lab ID: 40230183018)
  - Silver
  - Arsenic
  - Selenium
- P-16 (8) (Lab ID: 40230183019)
  - Silver
  - Arsenic
  - Selenium
- P-9 (2) (Lab ID: 40230183009)
  - Silver
  - Arsenic

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## PROJECT NARRATIVE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

---

**Method:** EPA 6010D

**Description:** 6010D MET ICP

**Client:** Terracon, Inc. - Franklin

**Date:** August 04, 2021

Analyte Comments:

QC Batch: 390794

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- P-9 (2) (Lab ID: 40230183009)
  - Selenium

QC Batch: 390795

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- P-17 (2) (Lab ID: 40230183031)
  - Silver
  - Arsenic
  - Cadmium
  - Selenium
- P-3 (1) (Lab ID: 40230183029)
  - Silver
  - Arsenic
  - Cadmium
  - Selenium
- P-4 (1) (Lab ID: 40230183028)
  - Silver
  - Arsenic
  - Selenium
- P-7 (3) (Lab ID: 40230183026)
  - Silver
  - Selenium
- P-8 (4) (Lab ID: 40230183024)
  - Selenium

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

---

**Method:** EPA 7471

**Description:** 7471 Mercury

**Client:** Terracon, Inc. - Franklin

**Date:** August 04, 2021

**General Information:**

34 samples were analyzed for EPA 7471 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

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

**Sample Preparation:**

The samples were prepared in accordance with EPA 7471 with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

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

**Continuing Calibration:**

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

**Method Blank:**

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

QC Batch: 390944

B: Analyte was detected in the associated method blank.

- BLANK for HBN 390944 [MERP/959 (Lab ID: 2254753)]
  - Mercury

**Laboratory Control Spike:**

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

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

---

**Method:** EPA 8270E by SIM  
**Description:** 8270E MSSV PAH by SIM  
**Client:** Terracon, Inc. - Franklin  
**Date:** August 04, 2021

### General Information:

26 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

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

### Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

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

### Continuing Calibration:

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

### Internal Standards:

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

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 391519

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 2258377)
- Terphenyl-d14 (S)

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- P-16 (8) (Lab ID: 40230183019)
- 2-Fluorobiphenyl (S)
- Terphenyl-d14 (S)

QC Batch: 391615

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

- P-17 (7) (Lab ID: 40230183032)
- Terphenyl-d14 (S)

### Method Blank:

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

### Laboratory Control Spike:

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

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## PROJECT NARRATIVE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

---

**Method:** EPA 8270E by SIM

**Description:** 8270E MSSV PAH by SIM

**Client:** Terracon, Inc. - Franklin

**Date:** August 04, 2021

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

### Additional Comments:

Analyte Comments:

QC Batch: 391519

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- P-15 (1) (Lab ID: 40230183007)
  - Naphthalene
- P-16 (8) (Lab ID: 40230183019)
  - Naphthalene
- P-9 (2) (Lab ID: 40230183009)
  - Naphthalene
- P-9 (8) (Lab ID: 40230183010)
  - Naphthalene

QC Batch: 391615

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- P-13 (2) (Lab ID: 40230183020)
  - Naphthalene
- P-17 (7) (Lab ID: 40230183032)
  - Naphthalene

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

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**Method:** EPA 8260

**Description:** 8260 MSV Med Level Normal List

**Client:** Terracon, Inc. - Franklin

**Date:** August 04, 2021

### General Information:

35 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

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

### Sample Preparation:

The samples were prepared in accordance with EPA 5035/5030B with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

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

### Continuing Calibration:

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

### Internal Standards:

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

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

### Method Blank:

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

### Laboratory Control Spike:

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

QC Batch: 390852

L2: Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

- LCS (Lab ID: 2254165)
- Hexachloro-1,3-butadiene

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

### Additional Comments:

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

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-6 (2)**      **Lab ID: 40230183001**      Collected: 07/15/21 12:40      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 11:24	12674-11-2	
PCB-1221 (Aroclor 1221)	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 11:24	11104-28-2	
PCB-1232 (Aroclor 1232)	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 11:24	11141-16-5	
PCB-1242 (Aroclor 1242)	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 11:24	53469-21-9	
PCB-1248 (Aroclor 1248)	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 11:24	12672-29-6	
PCB-1254 (Aroclor 1254)	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 11:24	11097-69-1	
PCB-1260 (Aroclor 1260)	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 11:24	11096-82-5	
PCB, Total	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 11:24	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	64	%	67-102		1	07/19/21 13:33	07/20/21 11:24	877-09-8	S0
Decachlorobiphenyl (S)	58	%	47-114		1	07/19/21 13:33	07/20/21 11:24	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	<b>2.3J</b>	mg/kg	3.6	1.1	1	07/21/21 09:42	07/22/21 11:13		
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>2.5J</b>	mg/kg	2.7	1.6	1	07/21/21 06:59	07/21/21 18:53	7440-38-2	
Barium	<b>42.9</b>	mg/kg	0.54	0.16	1	07/21/21 06:59	07/21/21 18:53	7440-39-3	M0
Cadmium	<0.14	mg/kg	0.54	0.14	1	07/21/21 06:59	07/21/21 18:53	7440-43-9	
Chromium	<b>10.2</b>	mg/kg	1.1	0.30	1	07/21/21 06:59	07/21/21 18:53	7440-47-3	
Lead	<b>6.6</b>	mg/kg	2.2	0.65	1	07/21/21 06:59	07/21/21 18:53	7439-92-1	
Selenium	<1.4	mg/kg	4.3	1.4	1	07/21/21 06:59	07/21/21 18:53	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	07/21/21 06:59	07/21/21 18:53	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.011	mg/kg	0.038	0.011	1	07/21/21 11:43	07/22/21 09:19	7439-97-6	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<14.0	ug/kg	23.5	14.0	1	07/20/21 08:30	07/21/21 00:31	71-43-2	
Bromobenzene	<22.9	ug/kg	58.7	22.9	1	07/20/21 08:30	07/21/21 00:31	108-86-1	
Bromochloromethane	<16.1	ug/kg	58.7	16.1	1	07/20/21 08:30	07/21/21 00:31	74-97-5	
Bromodichloromethane	<14.0	ug/kg	58.7	14.0	1	07/20/21 08:30	07/21/21 00:31	75-27-4	
Bromoform	<258	ug/kg	294	258	1	07/20/21 08:30	07/21/21 00:31	75-25-2	
Bromomethane	<82.4	ug/kg	294	82.4	1	07/20/21 08:30	07/21/21 00:31	74-83-9	
n-Butylbenzene	<26.9	ug/kg	58.7	26.9	1	07/20/21 08:30	07/21/21 00:31	104-51-8	
sec-Butylbenzene	<14.3	ug/kg	58.7	14.3	1	07/20/21 08:30	07/21/21 00:31	135-98-8	
tert-Butylbenzene	<18.4	ug/kg	58.7	18.4	1	07/20/21 08:30	07/21/21 00:31	98-06-6	
Carbon tetrachloride	<12.9	ug/kg	58.7	12.9	1	07/20/21 08:30	07/21/21 00:31	56-23-5	
Chlorobenzene	<7.0	ug/kg	58.7	7.0	1	07/20/21 08:30	07/21/21 00:31	108-90-7	
Chloroethane	<24.8	ug/kg	294	24.8	1	07/20/21 08:30	07/21/21 00:31	75-00-3	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Sample: P-6 (2) Lab ID: 40230183001 Collected: 07/15/21 12:40 Received: 07/17/21 09:00 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroform	<42.1	ug/kg	294	42.1	1	07/20/21 08:30	07/21/21 00:31	67-66-3	
Chloromethane	<22.3	ug/kg	58.7	22.3	1	07/20/21 08:30	07/21/21 00:31	74-87-3	
2-Chlorotoluene	<19.0	ug/kg	58.7	19.0	1	07/20/21 08:30	07/21/21 00:31	95-49-8	
4-Chlorotoluene	<22.3	ug/kg	58.7	22.3	1	07/20/21 08:30	07/21/21 00:31	106-43-4	
1,2-Dibromo-3-chloropropane	<45.6	ug/kg	294	45.6	1	07/20/21 08:30	07/21/21 00:31	96-12-8	
Dibromochloromethane	<201	ug/kg	294	201	1	07/20/21 08:30	07/21/21 00:31	124-48-1	
1,2-Dibromoethane (EDB)	<16.1	ug/kg	58.7	16.1	1	07/20/21 08:30	07/21/21 00:31	106-93-4	
Dibromomethane	<17.4	ug/kg	58.7	17.4	1	07/20/21 08:30	07/21/21 00:31	74-95-3	
1,2-Dichlorobenzene	<18.2	ug/kg	58.7	18.2	1	07/20/21 08:30	07/21/21 00:31	95-50-1	
1,3-Dichlorobenzene	<16.1	ug/kg	58.7	16.1	1	07/20/21 08:30	07/21/21 00:31	541-73-1	
1,4-Dichlorobenzene	<16.1	ug/kg	58.7	16.1	1	07/20/21 08:30	07/21/21 00:31	106-46-7	
Dichlorodifluoromethane	<25.3	ug/kg	58.7	25.3	1	07/20/21 08:30	07/21/21 00:31	75-71-8	
1,1-Dichloroethane	<15.0	ug/kg	58.7	15.0	1	07/20/21 08:30	07/21/21 00:31	75-34-3	
1,2-Dichloroethane	<13.5	ug/kg	58.7	13.5	1	07/20/21 08:30	07/21/21 00:31	107-06-2	
1,1-Dichloroethene	<19.5	ug/kg	58.7	19.5	1	07/20/21 08:30	07/21/21 00:31	75-35-4	
cis-1,2-Dichloroethene	<12.6	ug/kg	58.7	12.6	1	07/20/21 08:30	07/21/21 00:31	156-59-2	
trans-1,2-Dichloroethene	<12.7	ug/kg	58.7	12.7	1	07/20/21 08:30	07/21/21 00:31	156-60-5	
1,2-Dichloropropane	<14.0	ug/kg	58.7	14.0	1	07/20/21 08:30	07/21/21 00:31	78-87-5	
1,3-Dichloropropane	<12.8	ug/kg	58.7	12.8	1	07/20/21 08:30	07/21/21 00:31	142-28-9	
2,2-Dichloropropane	<15.9	ug/kg	58.7	15.9	1	07/20/21 08:30	07/21/21 00:31	594-20-7	
1,1-Dichloropropene	<19.0	ug/kg	58.7	19.0	1	07/20/21 08:30	07/21/21 00:31	563-58-6	
cis-1,3-Dichloropropene	<38.8	ug/kg	294	38.8	1	07/20/21 08:30	07/21/21 00:31	10061-01-5	
trans-1,3-Dichloropropene	<168	ug/kg	294	168	1	07/20/21 08:30	07/21/21 00:31	10061-02-6	
Diisopropyl ether	<14.6	ug/kg	58.7	14.6	1	07/20/21 08:30	07/21/21 00:31	108-20-3	
Ethylbenzene	<14.0	ug/kg	58.7	14.0	1	07/20/21 08:30	07/21/21 00:31	100-41-4	
Hexachloro-1,3-butadiene	<117	ug/kg	294	117	1	07/20/21 08:30	07/21/21 00:31	87-68-3	
Isopropylbenzene (Cumene)	<15.9	ug/kg	58.7	15.9	1	07/20/21 08:30	07/21/21 00:31	98-82-8	
p-Isopropyltoluene	<17.9	ug/kg	58.7	17.9	1	07/20/21 08:30	07/21/21 00:31	99-87-6	
Methylene Chloride	<16.3	ug/kg	58.7	16.3	1	07/20/21 08:30	07/21/21 00:31	75-09-2	
Methyl-tert-butyl ether	<17.3	ug/kg	58.7	17.3	1	07/20/21 08:30	07/21/21 00:31	1634-04-4	
Naphthalene	<18.3	ug/kg	294	18.3	1	07/20/21 08:30	07/21/21 00:31	91-20-3	
n-Propylbenzene	<14.1	ug/kg	58.7	14.1	1	07/20/21 08:30	07/21/21 00:31	103-65-1	
Styrene	<15.0	ug/kg	58.7	15.0	1	07/20/21 08:30	07/21/21 00:31	100-42-5	
1,1,1,2-Tetrachloroethane	<14.1	ug/kg	58.7	14.1	1	07/20/21 08:30	07/21/21 00:31	630-20-6	
1,1,1,2,2-Tetrachloroethane	<21.3	ug/kg	58.7	21.3	1	07/20/21 08:30	07/21/21 00:31	79-34-5	
Tetrachloroethene	<22.8	ug/kg	58.7	22.8	1	07/20/21 08:30	07/21/21 00:31	127-18-4	
Toluene	<14.8	ug/kg	58.7	14.8	1	07/20/21 08:30	07/21/21 00:31	108-88-3	
1,2,3-Trichlorobenzene	<65.4	ug/kg	294	65.4	1	07/20/21 08:30	07/21/21 00:31	87-61-6	
1,2,4-Trichlorobenzene	<48.4	ug/kg	294	48.4	1	07/20/21 08:30	07/21/21 00:31	120-82-1	
1,1,1-Trichloroethane	<15.0	ug/kg	58.7	15.0	1	07/20/21 08:30	07/21/21 00:31	71-55-6	
1,1,2-Trichloroethane	<21.4	ug/kg	58.7	21.4	1	07/20/21 08:30	07/21/21 00:31	79-00-5	
Trichloroethene	<22.0	ug/kg	58.7	22.0	1	07/20/21 08:30	07/21/21 00:31	79-01-6	
Trichlorofluoromethane	<17.0	ug/kg	58.7	17.0	1	07/20/21 08:30	07/21/21 00:31	75-69-4	
1,2,3-Trichloropropane	<28.6	ug/kg	58.7	28.6	1	07/20/21 08:30	07/21/21 00:31	96-18-4	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-6 (2)**      **Lab ID: 40230183001**      Collected: 07/15/21 12:40      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	<17.5	ug/kg	58.7	17.5	1	07/20/21 08:30	07/21/21 00:31	95-63-6	
1,3,5-Trimethylbenzene	<18.9	ug/kg	58.7	18.9	1	07/20/21 08:30	07/21/21 00:31	108-67-8	
Vinyl chloride	<11.9	ug/kg	58.7	11.9	1	07/20/21 08:30	07/21/21 00:31	75-01-4	
m&p-Xylene	<24.8	ug/kg	117	24.8	1	07/20/21 08:30	07/21/21 00:31	179601-23-1	
o-Xylene	<17.6	ug/kg	58.7	17.6	1	07/20/21 08:30	07/21/21 00:31	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	115	%	67-159		1	07/20/21 08:30	07/21/21 00:31	2037-26-5	
4-Bromofluorobenzene (S)	107	%	66-153		1	07/20/21 08:30	07/21/21 00:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	82-158		1	07/20/21 08:30	07/21/21 00:31	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	<b>8.0</b>	%	0.10	0.10	1		07/19/21 11:55		

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-6 (8)**      **Lab ID: 40230183002**      Collected: 07/15/21 12:42      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.4	ug/kg	57.1	17.4	1	07/19/21 13:33	07/20/21 11:50	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.4	ug/kg	57.1	17.4	1	07/19/21 13:33	07/20/21 11:50	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.4	ug/kg	57.1	17.4	1	07/19/21 13:33	07/20/21 11:50	11141-16-5	
PCB-1242 (Aroclor 1242)	<17.4	ug/kg	57.1	17.4	1	07/19/21 13:33	07/20/21 11:50	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.4	ug/kg	57.1	17.4	1	07/19/21 13:33	07/20/21 11:50	12672-29-6	
PCB-1254 (Aroclor 1254)	<17.4	ug/kg	57.1	17.4	1	07/19/21 13:33	07/20/21 11:50	11097-69-1	
PCB-1260 (Aroclor 1260)	<17.4	ug/kg	57.1	17.4	1	07/19/21 13:33	07/20/21 11:50	11096-82-5	
PCB, Total	<17.4	ug/kg	57.1	17.4	1	07/19/21 13:33	07/20/21 11:50	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	66	%	67-102		1	07/19/21 13:33	07/20/21 11:50	877-09-8	S0
Decachlorobiphenyl (S)	58	%	47-114		1	07/19/21 13:33	07/20/21 11:50	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	17.2	mg/kg	4.7	1.4	1	07/21/21 09:42	07/22/21 08:07		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.3J	mg/kg	2.7	1.6	1	07/21/21 06:59	07/21/21 19:06	7440-38-2	
Barium	30.4	mg/kg	0.54	0.16	1	07/21/21 06:59	07/21/21 19:06	7440-39-3	
Cadmium	0.28J	mg/kg	0.54	0.14	1	07/21/21 06:59	07/21/21 19:06	7440-43-9	
Chromium	10.7	mg/kg	1.1	0.30	1	07/21/21 06:59	07/21/21 19:06	7440-47-3	
Lead	42.4	mg/kg	2.2	0.65	1	07/21/21 06:59	07/21/21 19:06	7439-92-1	
Selenium	<1.4	mg/kg	4.3	1.4	1	07/21/21 06:59	07/21/21 19:06	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	07/21/21 06:59	07/21/21 19:06	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.031J	mg/kg	0.036	0.010	1	07/21/21 11:43	07/22/21 09:26	7439-97-6	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<15.3	ug/kg	25.7	15.3	1	07/20/21 08:30	07/20/21 21:16	71-43-2	
Bromobenzene	<25.1	ug/kg	64.3	25.1	1	07/20/21 08:30	07/20/21 21:16	108-86-1	
Bromochloromethane	<17.6	ug/kg	64.3	17.6	1	07/20/21 08:30	07/20/21 21:16	74-97-5	
Bromodichloromethane	<15.3	ug/kg	64.3	15.3	1	07/20/21 08:30	07/20/21 21:16	75-27-4	
Bromoform	<283	ug/kg	322	283	1	07/20/21 08:30	07/20/21 21:16	75-25-2	
Bromomethane	<90.2	ug/kg	322	90.2	1	07/20/21 08:30	07/20/21 21:16	74-83-9	
n-Butylbenzene	<29.5	ug/kg	64.3	29.5	1	07/20/21 08:30	07/20/21 21:16	104-51-8	
sec-Butylbenzene	<15.7	ug/kg	64.3	15.7	1	07/20/21 08:30	07/20/21 21:16	135-98-8	
tert-Butylbenzene	<20.2	ug/kg	64.3	20.2	1	07/20/21 08:30	07/20/21 21:16	98-06-6	
Carbon tetrachloride	<14.2	ug/kg	64.3	14.2	1	07/20/21 08:30	07/20/21 21:16	56-23-5	
Chlorobenzene	<7.7	ug/kg	64.3	7.7	1	07/20/21 08:30	07/20/21 21:16	108-90-7	
Chloroethane	<27.1	ug/kg	322	27.1	1	07/20/21 08:30	07/20/21 21:16	75-00-3	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-6 (8)**      **Lab ID: 40230183002**      Collected: 07/15/21 12:42      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroform	<46.1	ug/kg	322	46.1	1	07/20/21 08:30	07/20/21 21:16	67-66-3	
Chloromethane	<24.4	ug/kg	64.3	24.4	1	07/20/21 08:30	07/20/21 21:16	74-87-3	
2-Chlorotoluene	<20.8	ug/kg	64.3	20.8	1	07/20/21 08:30	07/20/21 21:16	95-49-8	
4-Chlorotoluene	<24.4	ug/kg	64.3	24.4	1	07/20/21 08:30	07/20/21 21:16	106-43-4	
1,2-Dibromo-3-chloropropane	<49.9	ug/kg	322	49.9	1	07/20/21 08:30	07/20/21 21:16	96-12-8	
Dibromochloromethane	<220	ug/kg	322	220	1	07/20/21 08:30	07/20/21 21:16	124-48-1	
1,2-Dibromoethane (EDB)	<17.6	ug/kg	64.3	17.6	1	07/20/21 08:30	07/20/21 21:16	106-93-4	
Dibromomethane	<19.0	ug/kg	64.3	19.0	1	07/20/21 08:30	07/20/21 21:16	74-95-3	
1,2-Dichlorobenzene	<19.9	ug/kg	64.3	19.9	1	07/20/21 08:30	07/20/21 21:16	95-50-1	
1,3-Dichlorobenzene	<17.6	ug/kg	64.3	17.6	1	07/20/21 08:30	07/20/21 21:16	541-73-1	
1,4-Dichlorobenzene	<17.6	ug/kg	64.3	17.6	1	07/20/21 08:30	07/20/21 21:16	106-46-7	
Dichlorodifluoromethane	<27.7	ug/kg	64.3	27.7	1	07/20/21 08:30	07/20/21 21:16	75-71-8	
1,1-Dichloroethane	<16.5	ug/kg	64.3	16.5	1	07/20/21 08:30	07/20/21 21:16	75-34-3	
1,2-Dichloroethane	<14.8	ug/kg	64.3	14.8	1	07/20/21 08:30	07/20/21 21:16	107-06-2	
1,1-Dichloroethene	<21.4	ug/kg	64.3	21.4	1	07/20/21 08:30	07/20/21 21:16	75-35-4	
cis-1,2-Dichloroethene	<13.8	ug/kg	64.3	13.8	1	07/20/21 08:30	07/20/21 21:16	156-59-2	
trans-1,2-Dichloroethene	<13.9	ug/kg	64.3	13.9	1	07/20/21 08:30	07/20/21 21:16	156-60-5	
1,2-Dichloropropane	<15.3	ug/kg	64.3	15.3	1	07/20/21 08:30	07/20/21 21:16	78-87-5	
1,3-Dichloropropane	<14.0	ug/kg	64.3	14.0	1	07/20/21 08:30	07/20/21 21:16	142-28-9	
2,2-Dichloropropane	<17.4	ug/kg	64.3	17.4	1	07/20/21 08:30	07/20/21 21:16	594-20-7	
1,1-Dichloropropene	<20.8	ug/kg	64.3	20.8	1	07/20/21 08:30	07/20/21 21:16	563-58-6	
cis-1,3-Dichloropropene	<42.5	ug/kg	322	42.5	1	07/20/21 08:30	07/20/21 21:16	10061-01-5	
trans-1,3-Dichloropropene	<184	ug/kg	322	184	1	07/20/21 08:30	07/20/21 21:16	10061-02-6	
Diisopropyl ether	<16.0	ug/kg	64.3	16.0	1	07/20/21 08:30	07/20/21 21:16	108-20-3	
Ethylbenzene	<15.3	ug/kg	64.3	15.3	1	07/20/21 08:30	07/20/21 21:16	100-41-4	
Hexachloro-1,3-butadiene	<128	ug/kg	322	128	1	07/20/21 08:30	07/20/21 21:16	87-68-3	
Isopropylbenzene (Cumene)	<17.4	ug/kg	64.3	17.4	1	07/20/21 08:30	07/20/21 21:16	98-82-8	
p-Isopropyltoluene	<19.6	ug/kg	64.3	19.6	1	07/20/21 08:30	07/20/21 21:16	99-87-6	
Methylene Chloride	<17.9	ug/kg	64.3	17.9	1	07/20/21 08:30	07/20/21 21:16	75-09-2	
Methyl-tert-butyl ether	<18.9	ug/kg	64.3	18.9	1	07/20/21 08:30	07/20/21 21:16	1634-04-4	
Naphthalene	<20.1	ug/kg	322	20.1	1	07/20/21 08:30	07/20/21 21:16	91-20-3	
n-Propylbenzene	<15.4	ug/kg	64.3	15.4	1	07/20/21 08:30	07/20/21 21:16	103-65-1	
Styrene	<16.5	ug/kg	64.3	16.5	1	07/20/21 08:30	07/20/21 21:16	100-42-5	
1,1,1,2-Tetrachloroethane	<15.4	ug/kg	64.3	15.4	1	07/20/21 08:30	07/20/21 21:16	630-20-6	
1,1,1,2,2-Tetrachloroethane	<23.3	ug/kg	64.3	23.3	1	07/20/21 08:30	07/20/21 21:16	79-34-5	
Tetrachloroethene	<25.0	ug/kg	64.3	25.0	1	07/20/21 08:30	07/20/21 21:16	127-18-4	
Toluene	<16.2	ug/kg	64.3	16.2	1	07/20/21 08:30	07/20/21 21:16	108-88-3	
1,2,3-Trichlorobenzene	<71.7	ug/kg	322	71.7	1	07/20/21 08:30	07/20/21 21:16	87-61-6	
1,2,4-Trichlorobenzene	<53.0	ug/kg	322	53.0	1	07/20/21 08:30	07/20/21 21:16	120-82-1	
1,1,1-Trichloroethane	<16.5	ug/kg	64.3	16.5	1	07/20/21 08:30	07/20/21 21:16	71-55-6	
1,1,2-Trichloroethane	<23.4	ug/kg	64.3	23.4	1	07/20/21 08:30	07/20/21 21:16	79-00-5	
Trichloroethene	<24.1	ug/kg	64.3	24.1	1	07/20/21 08:30	07/20/21 21:16	79-01-6	
Trichlorofluoromethane	<18.7	ug/kg	64.3	18.7	1	07/20/21 08:30	07/20/21 21:16	75-69-4	
1,2,3-Trichloropropane	<31.3	ug/kg	64.3	31.3	1	07/20/21 08:30	07/20/21 21:16	96-18-4	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-6 (8)**      **Lab ID: 40230183002**      Collected: 07/15/21 12:42      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,4-Trimethylbenzene	<19.2	ug/kg	64.3	19.2	1	07/20/21 08:30	07/20/21 21:16	95-63-6	
1,3,5-Trimethylbenzene	<20.7	ug/kg	64.3	20.7	1	07/20/21 08:30	07/20/21 21:16	108-67-8	
Vinyl chloride	<13.0	ug/kg	64.3	13.0	1	07/20/21 08:30	07/20/21 21:16	75-01-4	
m&p-Xylene	<27.1	ug/kg	129	27.1	1	07/20/21 08:30	07/20/21 21:16	179601-23-1	
o-Xylene	<19.3	ug/kg	64.3	19.3	1	07/20/21 08:30	07/20/21 21:16	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	118	%	67-159		1	07/20/21 08:30	07/20/21 21:16	2037-26-5	
4-Bromofluorobenzene (S)	110	%	66-153		1	07/20/21 08:30	07/20/21 21:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	115	%	82-158		1	07/20/21 08:30	07/20/21 21:16	2199-69-1	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	12.5	%	0.10	0.10	1		07/19/21 11:55		

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-12 (2)**      **Lab ID: 40230183003**      Collected: 07/15/21 12:44      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<16.8	ug/kg	55.3	16.8	1	07/19/21 13:33	07/20/21 12:14	12674-11-2	
PCB-1221 (Aroclor 1221)	<16.8	ug/kg	55.3	16.8	1	07/19/21 13:33	07/20/21 12:14	11104-28-2	
PCB-1232 (Aroclor 1232)	<16.8	ug/kg	55.3	16.8	1	07/19/21 13:33	07/20/21 12:14	11141-16-5	
PCB-1242 (Aroclor 1242)	35.0J	ug/kg	55.3	16.8	1	07/19/21 13:33	07/20/21 12:14	53469-21-9	
PCB-1248 (Aroclor 1248)	<16.8	ug/kg	55.3	16.8	1	07/19/21 13:33	07/20/21 12:14	12672-29-6	
PCB-1254 (Aroclor 1254)	71.5	ug/kg	55.3	16.8	1	07/19/21 13:33	07/20/21 12:14	11097-69-1	
PCB-1260 (Aroclor 1260)	<16.8	ug/kg	55.3	16.8	1	07/19/21 13:33	07/20/21 12:14	11096-82-5	
PCB, Total	106	ug/kg	55.3	16.8	1	07/19/21 13:33	07/20/21 12:14	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	71	%	67-102		1	07/19/21 13:33	07/20/21 12:14	877-09-8	
Decachlorobiphenyl (S)	61	%	47-114		1	07/19/21 13:33	07/20/21 12:14	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	111	mg/kg	7.8	2.3	2	07/21/21 09:42	07/22/21 11:47		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<32.1	mg/kg	54.7	32.1	20	07/21/21 06:59	07/22/21 13:39	7440-38-2	D3
Barium	82.5	mg/kg	10.9	3.3	20	07/21/21 06:59	07/22/21 13:39	7440-39-3	
Cadmium	<2.9	mg/kg	10.9	2.9	20	07/21/21 06:59	07/22/21 13:39	7440-43-9	D3
Chromium	2040	mg/kg	21.9	6.1	20	07/21/21 06:59	07/22/21 13:39	7440-47-3	
Lead	29.7J	mg/kg	43.8	13.1	20	07/21/21 06:59	07/22/21 13:39	7439-92-1	D3
Selenium	<28.7	mg/kg	87.6	28.7	20	07/21/21 06:59	07/22/21 13:39	7782-49-2	D3
Silver	<6.7	mg/kg	21.9	6.7	20	07/21/21 06:59	07/22/21 13:39	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.22	mg/kg	0.037	0.011	1	07/21/21 11:43	07/22/21 09:28	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	5.1J	ug/kg	18.4	2.4	1	07/28/21 09:01	07/28/21 17:19	83-32-9	
Acenaphthylene	<2.3	ug/kg	18.4	2.3	1	07/28/21 09:01	07/28/21 17:19	208-96-8	
Anthracene	14.4J	ug/kg	18.4	2.3	1	07/28/21 09:01	07/28/21 17:19	120-12-7	
Benzo(a)anthracene	21.4	ug/kg	18.4	2.4	1	07/28/21 09:01	07/28/21 17:19	56-55-3	
Benzo(a)pyrene	20.8	ug/kg	18.4	2.1	1	07/28/21 09:01	07/28/21 17:19	50-32-8	
Benzo(b)fluoranthene	36.3	ug/kg	18.4	2.6	1	07/28/21 09:01	07/28/21 17:19	205-99-2	
Benzo(g,h,i)perylene	22.3	ug/kg	18.4	3.2	1	07/28/21 09:01	07/28/21 17:19	191-24-2	
Benzo(k)fluoranthene	14.7J	ug/kg	18.4	2.4	1	07/28/21 09:01	07/28/21 17:19	207-08-9	
Chrysene	25.5	ug/kg	18.4	3.5	1	07/28/21 09:01	07/28/21 17:19	218-01-9	
Dibenz(a,h)anthracene	5.1J	ug/kg	18.4	2.5	1	07/28/21 09:01	07/28/21 17:19	53-70-3	
Fluoranthene	48.1	ug/kg	18.4	2.2	1	07/28/21 09:01	07/28/21 17:19	206-44-0	
Fluorene	6.8J	ug/kg	18.4	2.2	1	07/28/21 09:01	07/28/21 17:19	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-12 (2)**      **Lab ID: 40230183003**      Collected: 07/15/21 12:44      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>18.0J</b>	ug/kg	18.4	3.8	1	07/28/21 09:01	07/28/21 17:19	193-39-5	
1-Methylnaphthalene	<b>&lt;2.7</b>	ug/kg	18.4	2.7	1	07/28/21 09:01	07/28/21 17:19	90-12-0	
2-Methylnaphthalene	<b>3.3J</b>	ug/kg	18.4	2.7	1	07/28/21 09:01	07/28/21 17:19	91-57-6	
Naphthalene	<b>5.1J</b>	ug/kg	18.4	1.8	1	07/28/21 09:01	07/28/21 17:19	91-20-3	
Phenanthrene	<b>50.9</b>	ug/kg	18.4	2.1	1	07/28/21 09:01	07/28/21 17:19	85-01-8	
Pyrene	<b>32.0</b>	ug/kg	18.4	2.7	1	07/28/21 09:01	07/28/21 17:19	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	74	%	36-86		1	07/28/21 09:01	07/28/21 17:19	321-60-8	
Terphenyl-d14 (S)	75	%	41-97		1	07/28/21 09:01	07/28/21 17:19	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;14.4</b>	ug/kg	24.2	14.4	1	07/20/21 08:30	07/21/21 00:51	71-43-2	
Bromobenzene	<b>&lt;23.6</b>	ug/kg	60.4	23.6	1	07/20/21 08:30	07/21/21 00:51	108-86-1	
Bromochloromethane	<b>&lt;16.6</b>	ug/kg	60.4	16.6	1	07/20/21 08:30	07/21/21 00:51	74-97-5	
Bromodichloromethane	<b>&lt;14.4</b>	ug/kg	60.4	14.4	1	07/20/21 08:30	07/21/21 00:51	75-27-4	
Bromoform	<b>&lt;266</b>	ug/kg	302	266	1	07/20/21 08:30	07/21/21 00:51	75-25-2	
Bromomethane	<b>&lt;84.7</b>	ug/kg	302	84.7	1	07/20/21 08:30	07/21/21 00:51	74-83-9	
n-Butylbenzene	<b>&lt;27.7</b>	ug/kg	60.4	27.7	1	07/20/21 08:30	07/21/21 00:51	104-51-8	
sec-Butylbenzene	<b>&lt;14.7</b>	ug/kg	60.4	14.7	1	07/20/21 08:30	07/21/21 00:51	135-98-8	
tert-Butylbenzene	<b>&lt;19.0</b>	ug/kg	60.4	19.0	1	07/20/21 08:30	07/21/21 00:51	98-06-6	
Carbon tetrachloride	<b>&lt;13.3</b>	ug/kg	60.4	13.3	1	07/20/21 08:30	07/21/21 00:51	56-23-5	
Chlorobenzene	<b>&lt;7.2</b>	ug/kg	60.4	7.2	1	07/20/21 08:30	07/21/21 00:51	108-90-7	
Chloroethane	<b>&lt;25.5</b>	ug/kg	302	25.5	1	07/20/21 08:30	07/21/21 00:51	75-00-3	
Chloroform	<b>&lt;43.3</b>	ug/kg	302	43.3	1	07/20/21 08:30	07/21/21 00:51	67-66-3	
Chloromethane	<b>&lt;23.0</b>	ug/kg	60.4	23.0	1	07/20/21 08:30	07/21/21 00:51	74-87-3	
2-Chlorotoluene	<b>&lt;19.6</b>	ug/kg	60.4	19.6	1	07/20/21 08:30	07/21/21 00:51	95-49-8	
4-Chlorotoluene	<b>&lt;23.0</b>	ug/kg	60.4	23.0	1	07/20/21 08:30	07/21/21 00:51	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;46.9</b>	ug/kg	302	46.9	1	07/20/21 08:30	07/21/21 00:51	96-12-8	
Dibromochloromethane	<b>&lt;206</b>	ug/kg	302	206	1	07/20/21 08:30	07/21/21 00:51	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;16.6</b>	ug/kg	60.4	16.6	1	07/20/21 08:30	07/21/21 00:51	106-93-4	
Dibromomethane	<b>&lt;17.9</b>	ug/kg	60.4	17.9	1	07/20/21 08:30	07/21/21 00:51	74-95-3	
1,2-Dichlorobenzene	<b>&lt;18.7</b>	ug/kg	60.4	18.7	1	07/20/21 08:30	07/21/21 00:51	95-50-1	
1,3-Dichlorobenzene	<b>&lt;16.6</b>	ug/kg	60.4	16.6	1	07/20/21 08:30	07/21/21 00:51	541-73-1	
1,4-Dichlorobenzene	<b>&lt;16.6</b>	ug/kg	60.4	16.6	1	07/20/21 08:30	07/21/21 00:51	106-46-7	
Dichlorodifluoromethane	<b>&lt;26.0</b>	ug/kg	60.4	26.0	1	07/20/21 08:30	07/21/21 00:51	75-71-8	
1,1-Dichloroethane	<b>&lt;15.5</b>	ug/kg	60.4	15.5	1	07/20/21 08:30	07/21/21 00:51	75-34-3	
1,2-Dichloroethane	<b>&lt;13.9</b>	ug/kg	60.4	13.9	1	07/20/21 08:30	07/21/21 00:51	107-06-2	
1,1-Dichloroethene	<b>&lt;20.1</b>	ug/kg	60.4	20.1	1	07/20/21 08:30	07/21/21 00:51	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;12.9</b>	ug/kg	60.4	12.9	1	07/20/21 08:30	07/21/21 00:51	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;13.0</b>	ug/kg	60.4	13.0	1	07/20/21 08:30	07/21/21 00:51	156-60-5	
1,2-Dichloropropane	<b>&lt;14.4</b>	ug/kg	60.4	14.4	1	07/20/21 08:30	07/21/21 00:51	78-87-5	
1,3-Dichloropropane	<b>&lt;13.2</b>	ug/kg	60.4	13.2	1	07/20/21 08:30	07/21/21 00:51	142-28-9	
2,2-Dichloropropane	<b>&lt;16.3</b>	ug/kg	60.4	16.3	1	07/20/21 08:30	07/21/21 00:51	594-20-7	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-12 (2)**      **Lab ID: 40230183003**      Collected: 07/15/21 12:44      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<19.6	ug/kg	60.4	19.6	1	07/20/21 08:30	07/21/21 00:51	563-58-6	
cis-1,3-Dichloropropene	<39.9	ug/kg	302	39.9	1	07/20/21 08:30	07/21/21 00:51	10061-01-5	
trans-1,3-Dichloropropene	<173	ug/kg	302	173	1	07/20/21 08:30	07/21/21 00:51	10061-02-6	
Diisopropyl ether	<15.0	ug/kg	60.4	15.0	1	07/20/21 08:30	07/21/21 00:51	108-20-3	
Ethylbenzene	<14.4	ug/kg	60.4	14.4	1	07/20/21 08:30	07/21/21 00:51	100-41-4	
Hexachloro-1,3-butadiene	<120	ug/kg	302	120	1	07/20/21 08:30	07/21/21 00:51	87-68-3	
Isopropylbenzene (Cumene)	<16.3	ug/kg	60.4	16.3	1	07/20/21 08:30	07/21/21 00:51	98-82-8	
p-Isopropyltoluene	<18.4	ug/kg	60.4	18.4	1	07/20/21 08:30	07/21/21 00:51	99-87-6	
Methylene Chloride	<16.8	ug/kg	60.4	16.8	1	07/20/21 08:30	07/21/21 00:51	75-09-2	
Methyl-tert-butyl ether	<17.8	ug/kg	60.4	17.8	1	07/20/21 08:30	07/21/21 00:51	1634-04-4	
Naphthalene	<18.8	ug/kg	302	18.8	1	07/20/21 08:30	07/21/21 00:51	91-20-3	
n-Propylbenzene	<14.5	ug/kg	60.4	14.5	1	07/20/21 08:30	07/21/21 00:51	103-65-1	
Styrene	<15.5	ug/kg	60.4	15.5	1	07/20/21 08:30	07/21/21 00:51	100-42-5	
1,1,1,2-Tetrachloroethane	<14.5	ug/kg	60.4	14.5	1	07/20/21 08:30	07/21/21 00:51	630-20-6	
1,1,2,2-Tetrachloroethane	<21.9	ug/kg	60.4	21.9	1	07/20/21 08:30	07/21/21 00:51	79-34-5	
Tetrachloroethene	29.7J	ug/kg	60.4	23.4	1	07/20/21 08:30	07/21/21 00:51	127-18-4	
Toluene	<15.2	ug/kg	60.4	15.2	1	07/20/21 08:30	07/21/21 00:51	108-88-3	
1,2,3-Trichlorobenzene	<67.3	ug/kg	302	67.3	1	07/20/21 08:30	07/21/21 00:51	87-61-6	
1,2,4-Trichlorobenzene	<49.8	ug/kg	302	49.8	1	07/20/21 08:30	07/21/21 00:51	120-82-1	
1,1,1-Trichloroethane	<15.5	ug/kg	60.4	15.5	1	07/20/21 08:30	07/21/21 00:51	71-55-6	
1,1,2-Trichloroethane	<22.0	ug/kg	60.4	22.0	1	07/20/21 08:30	07/21/21 00:51	79-00-5	
Trichloroethene	<22.6	ug/kg	60.4	22.6	1	07/20/21 08:30	07/21/21 00:51	79-01-6	
Trichlorofluoromethane	<17.5	ug/kg	60.4	17.5	1	07/20/21 08:30	07/21/21 00:51	75-69-4	
1,2,3-Trichloropropane	<29.4	ug/kg	60.4	29.4	1	07/20/21 08:30	07/21/21 00:51	96-18-4	
1,2,4-Trimethylbenzene	<18.0	ug/kg	60.4	18.0	1	07/20/21 08:30	07/21/21 00:51	95-63-6	
1,3,5-Trimethylbenzene	<19.5	ug/kg	60.4	19.5	1	07/20/21 08:30	07/21/21 00:51	108-67-8	
Vinyl chloride	<12.2	ug/kg	60.4	12.2	1	07/20/21 08:30	07/21/21 00:51	75-01-4	
m&p-Xylene	<25.5	ug/kg	121	25.5	1	07/20/21 08:30	07/21/21 00:51	179601-23-1	
o-Xylene	<18.1	ug/kg	60.4	18.1	1	07/20/21 08:30	07/21/21 00:51	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	113	%	67-159		1	07/20/21 08:30	07/21/21 00:51	2037-26-5	
4-Bromofluorobenzene (S)	109	%	66-153		1	07/20/21 08:30	07/21/21 00:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	82-158		1	07/20/21 08:30	07/21/21 00:51	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>9.4</b>	%	0.10	0.10	1		07/19/21 13:16		
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## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-12 (9)**      **Lab ID: 40230183004**      Collected: 07/15/21 12:46      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.7	ug/kg	58.0	17.7	1	07/19/21 13:33	07/20/21 12:40	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.7	ug/kg	58.0	17.7	1	07/19/21 13:33	07/20/21 12:40	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.7	ug/kg	58.0	17.7	1	07/19/21 13:33	07/20/21 12:40	11141-16-5	
PCB-1242 (Aroclor 1242)	<17.7	ug/kg	58.0	17.7	1	07/19/21 13:33	07/20/21 12:40	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.7	ug/kg	58.0	17.7	1	07/19/21 13:33	07/20/21 12:40	12672-29-6	
PCB-1254 (Aroclor 1254)	<17.7	ug/kg	58.0	17.7	1	07/19/21 13:33	07/20/21 12:40	11097-69-1	
PCB-1260 (Aroclor 1260)	<17.7	ug/kg	58.0	17.7	1	07/19/21 13:33	07/20/21 12:40	11096-82-5	
PCB, Total	<17.7	ug/kg	58.0	17.7	1	07/19/21 13:33	07/20/21 12:40	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	61	%	67-102		1	07/19/21 13:33	07/20/21 12:40	877-09-8	S0
Decachlorobiphenyl (S)	55	%	47-114		1	07/19/21 13:33	07/20/21 12:40	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	44.9	mg/kg	3.8	1.1	1	07/21/21 09:42	07/22/21 08:25		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	5.5	mg/kg	2.9	1.7	1	07/21/21 06:59	07/21/21 19:14	7440-38-2	
Barium	38.8	mg/kg	0.58	0.17	1	07/21/21 06:59	07/21/21 19:14	7440-39-3	
Cadmium	2.0	mg/kg	0.58	0.15	1	07/21/21 06:59	07/21/21 19:14	7440-43-9	
Chromium	27.8	mg/kg	1.2	0.32	1	07/21/21 06:59	07/21/21 19:14	7440-47-3	
Lead	86.4	mg/kg	2.3	0.69	1	07/21/21 06:59	07/21/21 19:14	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	07/21/21 06:59	07/21/21 19:14	7782-49-2	
Silver	0.63J	mg/kg	1.2	0.35	1	07/21/21 06:59	07/21/21 19:14	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.091	mg/kg	0.037	0.011	1	07/21/21 11:43	07/22/21 09:30	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	10.4J	ug/kg	19.4	2.5	1	07/28/21 09:01	07/28/21 17:36	83-32-9	
Acenaphthylene	3.3J	ug/kg	19.4	2.4	1	07/28/21 09:01	07/28/21 17:36	208-96-8	
Anthracene	9.3J	ug/kg	19.4	2.4	1	07/28/21 09:01	07/28/21 17:36	120-12-7	
Benzo(a)anthracene	16.1J	ug/kg	19.4	2.5	1	07/28/21 09:01	07/28/21 17:36	56-55-3	
Benzo(a)pyrene	10.5J	ug/kg	19.4	2.2	1	07/28/21 09:01	07/28/21 17:36	50-32-8	
Benzo(b)fluoranthene	13.8J	ug/kg	19.4	2.7	1	07/28/21 09:01	07/28/21 17:36	205-99-2	
Benzo(g,h,i)perylene	10.9J	ug/kg	19.4	3.4	1	07/28/21 09:01	07/28/21 17:36	191-24-2	
Benzo(k)fluoranthene	4.2J	ug/kg	19.4	2.5	1	07/28/21 09:01	07/28/21 17:36	207-08-9	
Chrysene	24.0	ug/kg	19.4	3.6	1	07/28/21 09:01	07/28/21 17:36	218-01-9	
Dibenz(a,h)anthracene	<2.7	ug/kg	19.4	2.7	1	07/28/21 09:01	07/28/21 17:36	53-70-3	
Fluoranthene	25.0	ug/kg	19.4	2.3	1	07/28/21 09:01	07/28/21 17:36	206-44-0	
Fluorene	6.3J	ug/kg	19.4	2.3	1	07/28/21 09:01	07/28/21 17:36	86-73-7	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-12 (9)**      **Lab ID: 40230183004**      Collected: 07/15/21 12:46      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>5.8J</b>	ug/kg	19.4	4.0	1	07/28/21 09:01	07/28/21 17:36	193-39-5	
1-Methylnaphthalene	<b>62.0</b>	ug/kg	19.4	2.8	1	07/28/21 09:01	07/28/21 17:36	90-12-0	
2-Methylnaphthalene	<b>95.2</b>	ug/kg	19.4	2.8	1	07/28/21 09:01	07/28/21 17:36	91-57-6	
Naphthalene	<b>127</b>	ug/kg	19.4	1.9	1	07/28/21 09:01	07/28/21 17:36	91-20-3	
Phenanthrene	<b>83.3</b>	ug/kg	19.4	2.2	1	07/28/21 09:01	07/28/21 17:36	85-01-8	
Pyrene	<b>25.6</b>	ug/kg	19.4	2.8	1	07/28/21 09:01	07/28/21 17:36	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	36-86		1	07/28/21 09:01	07/28/21 17:36	321-60-8	
Terphenyl-d14 (S)	64	%	41-97		1	07/28/21 09:01	07/28/21 17:36	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>20.9J</b>	ug/kg	26.4	15.7	1	07/20/21 08:30	07/21/21 01:10	71-43-2	
Bromobenzene	<b>&lt;25.7</b>	ug/kg	66.0	25.7	1	07/20/21 08:30	07/21/21 01:10	108-86-1	
Bromochloromethane	<b>&lt;18.1</b>	ug/kg	66.0	18.1	1	07/20/21 08:30	07/21/21 01:10	74-97-5	
Bromodichloromethane	<b>&lt;15.7</b>	ug/kg	66.0	15.7	1	07/20/21 08:30	07/21/21 01:10	75-27-4	
Bromoform	<b>&lt;290</b>	ug/kg	330	290	1	07/20/21 08:30	07/21/21 01:10	75-25-2	
Bromomethane	<b>&lt;92.5</b>	ug/kg	330	92.5	1	07/20/21 08:30	07/21/21 01:10	74-83-9	
n-Butylbenzene	<b>&lt;30.2</b>	ug/kg	66.0	30.2	1	07/20/21 08:30	07/21/21 01:10	104-51-8	
sec-Butylbenzene	<b>&lt;16.1</b>	ug/kg	66.0	16.1	1	07/20/21 08:30	07/21/21 01:10	135-98-8	
tert-Butylbenzene	<b>&lt;20.7</b>	ug/kg	66.0	20.7	1	07/20/21 08:30	07/21/21 01:10	98-06-6	
Carbon tetrachloride	<b>&lt;14.5</b>	ug/kg	66.0	14.5	1	07/20/21 08:30	07/21/21 01:10	56-23-5	
Chlorobenzene	<b>&lt;7.9</b>	ug/kg	66.0	7.9	1	07/20/21 08:30	07/21/21 01:10	108-90-7	
Chloroethane	<b>&lt;27.8</b>	ug/kg	330	27.8	1	07/20/21 08:30	07/21/21 01:10	75-00-3	
Chloroform	<b>&lt;47.3</b>	ug/kg	330	47.3	1	07/20/21 08:30	07/21/21 01:10	67-66-3	
Chloromethane	<b>&lt;25.1</b>	ug/kg	66.0	25.1	1	07/20/21 08:30	07/21/21 01:10	74-87-3	
2-Chlorotoluene	<b>&lt;21.4</b>	ug/kg	66.0	21.4	1	07/20/21 08:30	07/21/21 01:10	95-49-8	
4-Chlorotoluene	<b>&lt;25.1</b>	ug/kg	66.0	25.1	1	07/20/21 08:30	07/21/21 01:10	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;51.2</b>	ug/kg	330	51.2	1	07/20/21 08:30	07/21/21 01:10	96-12-8	
Dibromochloromethane	<b>&lt;226</b>	ug/kg	330	226	1	07/20/21 08:30	07/21/21 01:10	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;18.1</b>	ug/kg	66.0	18.1	1	07/20/21 08:30	07/21/21 01:10	106-93-4	
Dibromomethane	<b>&lt;19.5</b>	ug/kg	66.0	19.5	1	07/20/21 08:30	07/21/21 01:10	74-95-3	
1,2-Dichlorobenzene	<b>&lt;20.5</b>	ug/kg	66.0	20.5	1	07/20/21 08:30	07/21/21 01:10	95-50-1	
1,3-Dichlorobenzene	<b>&lt;18.1</b>	ug/kg	66.0	18.1	1	07/20/21 08:30	07/21/21 01:10	541-73-1	
1,4-Dichlorobenzene	<b>&lt;18.1</b>	ug/kg	66.0	18.1	1	07/20/21 08:30	07/21/21 01:10	106-46-7	
Dichlorodifluoromethane	<b>&lt;28.4</b>	ug/kg	66.0	28.4	1	07/20/21 08:30	07/21/21 01:10	75-71-8	
1,1-Dichloroethane	<b>&lt;16.9</b>	ug/kg	66.0	16.9	1	07/20/21 08:30	07/21/21 01:10	75-34-3	
1,2-Dichloroethane	<b>&lt;15.2</b>	ug/kg	66.0	15.2	1	07/20/21 08:30	07/21/21 01:10	107-06-2	
1,1-Dichloroethene	<b>&lt;21.9</b>	ug/kg	66.0	21.9	1	07/20/21 08:30	07/21/21 01:10	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;14.1</b>	ug/kg	66.0	14.1	1	07/20/21 08:30	07/21/21 01:10	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;14.3</b>	ug/kg	66.0	14.3	1	07/20/21 08:30	07/21/21 01:10	156-60-5	
1,2-Dichloropropane	<b>&lt;15.7</b>	ug/kg	66.0	15.7	1	07/20/21 08:30	07/21/21 01:10	78-87-5	
1,3-Dichloropropane	<b>&lt;14.4</b>	ug/kg	66.0	14.4	1	07/20/21 08:30	07/21/21 01:10	142-28-9	
2,2-Dichloropropane	<b>&lt;17.8</b>	ug/kg	66.0	17.8	1	07/20/21 08:30	07/21/21 01:10	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-12 (9)**      **Lab ID: 40230183004**      Collected: 07/15/21 12:46      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<21.4	ug/kg	66.0	21.4	1	07/20/21 08:30	07/21/21 01:10	563-58-6	
cis-1,3-Dichloropropene	<43.6	ug/kg	330	43.6	1	07/20/21 08:30	07/21/21 01:10	10061-01-5	
trans-1,3-Dichloropropene	<189	ug/kg	330	189	1	07/20/21 08:30	07/21/21 01:10	10061-02-6	
Diisopropyl ether	<16.4	ug/kg	66.0	16.4	1	07/20/21 08:30	07/21/21 01:10	108-20-3	
Ethylbenzene	<15.7	ug/kg	66.0	15.7	1	07/20/21 08:30	07/21/21 01:10	100-41-4	
Hexachloro-1,3-butadiene	<131	ug/kg	330	131	1	07/20/21 08:30	07/21/21 01:10	87-68-3	
Isopropylbenzene (Cumene)	<17.8	ug/kg	66.0	17.8	1	07/20/21 08:30	07/21/21 01:10	98-82-8	
p-Isopropyltoluene	<20.1	ug/kg	66.0	20.1	1	07/20/21 08:30	07/21/21 01:10	99-87-6	
Methylene Chloride	<18.3	ug/kg	66.0	18.3	1	07/20/21 08:30	07/21/21 01:10	75-09-2	
Methyl-tert-butyl ether	<19.4	ug/kg	66.0	19.4	1	07/20/21 08:30	07/21/21 01:10	1634-04-4	
Naphthalene	134J	ug/kg	330	20.6	1	07/20/21 08:30	07/21/21 01:10	91-20-3	
n-Propylbenzene	<15.8	ug/kg	66.0	15.8	1	07/20/21 08:30	07/21/21 01:10	103-65-1	
Styrene	<16.9	ug/kg	66.0	16.9	1	07/20/21 08:30	07/21/21 01:10	100-42-5	
1,1,1,2-Tetrachloroethane	<15.8	ug/kg	66.0	15.8	1	07/20/21 08:30	07/21/21 01:10	630-20-6	
1,1,2,2-Tetrachloroethane	<23.9	ug/kg	66.0	23.9	1	07/20/21 08:30	07/21/21 01:10	79-34-5	
Tetrachloroethene	<25.6	ug/kg	66.0	25.6	1	07/20/21 08:30	07/21/21 01:10	127-18-4	
Toluene	33.3J	ug/kg	66.0	16.6	1	07/20/21 08:30	07/21/21 01:10	108-88-3	
1,2,3-Trichlorobenzene	<73.5	ug/kg	330	73.5	1	07/20/21 08:30	07/21/21 01:10	87-61-6	
1,2,4-Trichlorobenzene	<54.4	ug/kg	330	54.4	1	07/20/21 08:30	07/21/21 01:10	120-82-1	
1,1,1-Trichloroethane	<16.9	ug/kg	66.0	16.9	1	07/20/21 08:30	07/21/21 01:10	71-55-6	
1,1,2-Trichloroethane	<24.0	ug/kg	66.0	24.0	1	07/20/21 08:30	07/21/21 01:10	79-00-5	
Trichloroethene	<24.7	ug/kg	66.0	24.7	1	07/20/21 08:30	07/21/21 01:10	79-01-6	
Trichlorofluoromethane	<19.1	ug/kg	66.0	19.1	1	07/20/21 08:30	07/21/21 01:10	75-69-4	
1,2,3-Trichloropropane	<32.1	ug/kg	66.0	32.1	1	07/20/21 08:30	07/21/21 01:10	96-18-4	
1,2,4-Trimethylbenzene	<19.7	ug/kg	66.0	19.7	1	07/20/21 08:30	07/21/21 01:10	95-63-6	
1,3,5-Trimethylbenzene	<21.2	ug/kg	66.0	21.2	1	07/20/21 08:30	07/21/21 01:10	108-67-8	
Vinyl chloride	<13.3	ug/kg	66.0	13.3	1	07/20/21 08:30	07/21/21 01:10	75-01-4	
m&p-Xylene	<27.8	ug/kg	132	27.8	1	07/20/21 08:30	07/21/21 01:10	179601-23-1	
o-Xylene	<19.8	ug/kg	66.0	19.8	1	07/20/21 08:30	07/21/21 01:10	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	113	%	67-159		1	07/20/21 08:30	07/21/21 01:10	2037-26-5	
4-Bromofluorobenzene (S)	103	%	66-153		1	07/20/21 08:30	07/21/21 01:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	82-158		1	07/20/21 08:30	07/21/21 01:10	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	13.8	%	0.10	0.10	1		07/19/21 13:17		
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### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-11 (1)**      **Lab ID: 40230183005**      Collected: 07/15/21 12:48      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<16.6	ug/kg	54.4	16.6	1	07/19/21 13:33	07/20/21 11:00	12674-11-2	
PCB-1221 (Aroclor 1221)	<16.6	ug/kg	54.4	16.6	1	07/19/21 13:33	07/20/21 11:00	11104-28-2	
PCB-1232 (Aroclor 1232)	<16.6	ug/kg	54.4	16.6	1	07/19/21 13:33	07/20/21 11:00	11141-16-5	
PCB-1242 (Aroclor 1242)	<16.6	ug/kg	54.4	16.6	1	07/19/21 13:33	07/20/21 11:00	53469-21-9	
PCB-1248 (Aroclor 1248)	<16.6	ug/kg	54.4	16.6	1	07/19/21 13:33	07/20/21 11:00	12672-29-6	
PCB-1254 (Aroclor 1254)	85.0	ug/kg	54.4	16.6	1	07/19/21 13:33	07/20/21 11:00	11097-69-1	
PCB-1260 (Aroclor 1260)	41.4J	ug/kg	54.4	16.6	1	07/19/21 13:33	07/20/21 11:00	11096-82-5	
PCB, Total	126	ug/kg	54.4	16.6	1	07/19/21 13:33	07/20/21 11:00	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	71	%	67-102		1	07/19/21 13:33	07/20/21 11:00	877-09-8	
Decachlorobiphenyl (S)	53	%	47-114		1	07/19/21 13:33	07/20/21 11:00	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	166	mg/kg	78.6	23.5	20	07/21/21 09:42	07/22/21 11:38		D3,DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	6.5	mg/kg	2.7	1.6	1	07/21/21 06:59	07/21/21 19:16	7440-38-2	
Barium	67.3	mg/kg	0.53	0.16	1	07/21/21 06:59	07/21/21 19:16	7440-39-3	
Cadmium	2.6	mg/kg	0.53	0.14	1	07/21/21 06:59	07/21/21 19:16	7440-43-9	
Chromium	64.9	mg/kg	1.1	0.30	1	07/21/21 06:59	07/21/21 19:16	7440-47-3	
Lead	162	mg/kg	2.1	0.64	1	07/21/21 06:59	07/21/21 19:16	7439-92-1	
Selenium	<1.4	mg/kg	4.3	1.4	1	07/21/21 06:59	07/21/21 19:16	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	07/21/21 06:59	07/21/21 19:16	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.14	mg/kg	0.035	0.0099	1	07/21/21 11:43	07/22/21 09:33	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	8.9J	ug/kg	18.1	2.3	1	07/28/21 09:01	07/29/21 15:40	83-32-9	
Acenaphthylene	19.8	ug/kg	18.1	2.3	1	07/28/21 09:01	07/29/21 15:40	208-96-8	
Anthracene	38.5	ug/kg	18.1	2.2	1	07/28/21 09:01	07/29/21 15:40	120-12-7	
Benzo(a)anthracene	175	ug/kg	18.1	2.3	1	07/28/21 09:01	07/29/21 15:40	56-55-3	
Benzo(a)pyrene	211	ug/kg	18.1	2.1	1	07/28/21 09:01	07/29/21 15:40	50-32-8	
Benzo(b)fluoranthene	354	ug/kg	18.1	2.5	1	07/28/21 09:01	07/29/21 15:40	205-99-2	
Benzo(g,h,i)perylene	89.7	ug/kg	18.1	3.2	1	07/28/21 09:01	07/29/21 15:40	191-24-2	
Benzo(k)fluoranthene	139	ug/kg	18.1	2.3	1	07/28/21 09:01	07/29/21 15:40	207-08-9	
Chrysene	212	ug/kg	18.1	3.4	1	07/28/21 09:01	07/29/21 15:40	218-01-9	
Dibenz(a,h)anthracene	29.2	ug/kg	18.1	2.5	1	07/28/21 09:01	07/29/21 15:40	53-70-3	
Fluoranthene	399	ug/kg	18.1	2.1	1	07/28/21 09:01	07/29/21 15:40	206-44-0	
Fluorene	10.2J	ug/kg	18.1	2.2	1	07/28/21 09:01	07/29/21 15:40	86-73-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-11 (1)**      **Lab ID: 40230183005**      Collected: 07/15/21 12:48      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>75.4</b>	ug/kg	18.1	3.8	1	07/28/21 09:01	07/29/21 15:40	193-39-5	
1-Methylnaphthalene	<b>10J</b>	ug/kg	18.1	2.6	1	07/28/21 09:01	07/29/21 15:40	90-12-0	
2-Methylnaphthalene	<b>14.1J</b>	ug/kg	18.1	2.6	1	07/28/21 09:01	07/29/21 15:40	91-57-6	
Naphthalene	<b>15.3J</b>	ug/kg	18.1	1.8	1	07/28/21 09:01	07/29/21 15:40	91-20-3	
Phenanthrene	<b>201</b>	ug/kg	18.1	2.1	1	07/28/21 09:01	07/29/21 15:40	85-01-8	
Pyrene	<b>306</b>	ug/kg	18.1	2.7	1	07/28/21 09:01	07/29/21 15:40	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	42	%	36-86		1	07/28/21 09:01	07/29/21 15:40	321-60-8	
Terphenyl-d14 (S)	43	%	41-97		1	07/28/21 09:01	07/29/21 15:40	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;13.9</b>	ug/kg	23.3	13.9	1	07/20/21 08:30	07/21/21 01:30	71-43-2	
Bromobenzene	<b>&lt;22.8</b>	ug/kg	58.3	22.8	1	07/20/21 08:30	07/21/21 01:30	108-86-1	
Bromochloromethane	<b>&lt;16.0</b>	ug/kg	58.3	16.0	1	07/20/21 08:30	07/21/21 01:30	74-97-5	
Bromodichloromethane	<b>&lt;13.9</b>	ug/kg	58.3	13.9	1	07/20/21 08:30	07/21/21 01:30	75-27-4	
Bromoform	<b>&lt;257</b>	ug/kg	292	257	1	07/20/21 08:30	07/21/21 01:30	75-25-2	
Bromomethane	<b>&lt;81.8</b>	ug/kg	292	81.8	1	07/20/21 08:30	07/21/21 01:30	74-83-9	
n-Butylbenzene	<b>&lt;26.7</b>	ug/kg	58.3	26.7	1	07/20/21 08:30	07/21/21 01:30	104-51-8	
sec-Butylbenzene	<b>&lt;14.2</b>	ug/kg	58.3	14.2	1	07/20/21 08:30	07/21/21 01:30	135-98-8	
tert-Butylbenzene	<b>&lt;18.3</b>	ug/kg	58.3	18.3	1	07/20/21 08:30	07/21/21 01:30	98-06-6	
Carbon tetrachloride	<b>&lt;12.8</b>	ug/kg	58.3	12.8	1	07/20/21 08:30	07/21/21 01:30	56-23-5	
Chlorobenzene	<b>&lt;7.0</b>	ug/kg	58.3	7.0	1	07/20/21 08:30	07/21/21 01:30	108-90-7	
Chloroethane	<b>&lt;24.6</b>	ug/kg	292	24.6	1	07/20/21 08:30	07/21/21 01:30	75-00-3	
Chloroform	<b>&lt;41.8</b>	ug/kg	292	41.8	1	07/20/21 08:30	07/21/21 01:30	67-66-3	
Chloromethane	<b>&lt;22.2</b>	ug/kg	58.3	22.2	1	07/20/21 08:30	07/21/21 01:30	74-87-3	
2-Chlorotoluene	<b>&lt;18.9</b>	ug/kg	58.3	18.9	1	07/20/21 08:30	07/21/21 01:30	95-49-8	
4-Chlorotoluene	<b>&lt;22.2</b>	ug/kg	58.3	22.2	1	07/20/21 08:30	07/21/21 01:30	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;45.3</b>	ug/kg	292	45.3	1	07/20/21 08:30	07/21/21 01:30	96-12-8	
Dibromochloromethane	<b>&lt;199</b>	ug/kg	292	199	1	07/20/21 08:30	07/21/21 01:30	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;16.0</b>	ug/kg	58.3	16.0	1	07/20/21 08:30	07/21/21 01:30	106-93-4	
Dibromomethane	<b>&lt;17.3</b>	ug/kg	58.3	17.3	1	07/20/21 08:30	07/21/21 01:30	74-95-3	
1,2-Dichlorobenzene	<b>&lt;18.1</b>	ug/kg	58.3	18.1	1	07/20/21 08:30	07/21/21 01:30	95-50-1	
1,3-Dichlorobenzene	<b>&lt;16.0</b>	ug/kg	58.3	16.0	1	07/20/21 08:30	07/21/21 01:30	541-73-1	
1,4-Dichlorobenzene	<b>&lt;16.0</b>	ug/kg	58.3	16.0	1	07/20/21 08:30	07/21/21 01:30	106-46-7	
Dichlorodifluoromethane	<b>&lt;25.1</b>	ug/kg	58.3	25.1	1	07/20/21 08:30	07/21/21 01:30	75-71-8	
1,1-Dichloroethane	<b>&lt;14.9</b>	ug/kg	58.3	14.9	1	07/20/21 08:30	07/21/21 01:30	75-34-3	
1,2-Dichloroethane	<b>&lt;13.4</b>	ug/kg	58.3	13.4	1	07/20/21 08:30	07/21/21 01:30	107-06-2	
1,1-Dichloroethene	<b>&lt;19.4</b>	ug/kg	58.3	19.4	1	07/20/21 08:30	07/21/21 01:30	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;12.5</b>	ug/kg	58.3	12.5	1	07/20/21 08:30	07/21/21 01:30	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;12.6</b>	ug/kg	58.3	12.6	1	07/20/21 08:30	07/21/21 01:30	156-60-5	
1,2-Dichloropropane	<b>&lt;13.9</b>	ug/kg	58.3	13.9	1	07/20/21 08:30	07/21/21 01:30	78-87-5	
1,3-Dichloropropane	<b>&lt;12.7</b>	ug/kg	58.3	12.7	1	07/20/21 08:30	07/21/21 01:30	142-28-9	
2,2-Dichloropropane	<b>&lt;15.8</b>	ug/kg	58.3	15.8	1	07/20/21 08:30	07/21/21 01:30	594-20-7	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-11 (1)**      **Lab ID: 40230183005**      Collected: 07/15/21 12:48      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<18.9	ug/kg	58.3	18.9	1	07/20/21 08:30	07/21/21 01:30	563-58-6	
cis-1,3-Dichloropropene	<38.5	ug/kg	292	38.5	1	07/20/21 08:30	07/21/21 01:30	10061-01-5	
trans-1,3-Dichloropropene	<167	ug/kg	292	167	1	07/20/21 08:30	07/21/21 01:30	10061-02-6	
Diisopropyl ether	<14.5	ug/kg	58.3	14.5	1	07/20/21 08:30	07/21/21 01:30	108-20-3	
Ethylbenzene	29.9J	ug/kg	58.3	13.9	1	07/20/21 08:30	07/21/21 01:30	100-41-4	
Hexachloro-1,3-butadiene	<116	ug/kg	292	116	1	07/20/21 08:30	07/21/21 01:30	87-68-3	
Isopropylbenzene (Cumene)	<15.8	ug/kg	58.3	15.8	1	07/20/21 08:30	07/21/21 01:30	98-82-8	
p-Isopropyltoluene	<17.7	ug/kg	58.3	17.7	1	07/20/21 08:30	07/21/21 01:30	99-87-6	
Methylene Chloride	<16.2	ug/kg	58.3	16.2	1	07/20/21 08:30	07/21/21 01:30	75-09-2	
Methyl-tert-butyl ether	<17.2	ug/kg	58.3	17.2	1	07/20/21 08:30	07/21/21 01:30	1634-04-4	
Naphthalene	201J	ug/kg	292	18.2	1	07/20/21 08:30	07/21/21 01:30	91-20-3	
n-Propylbenzene	14.5J	ug/kg	58.3	14.0	1	07/20/21 08:30	07/21/21 01:30	103-65-1	
Styrene	<14.9	ug/kg	58.3	14.9	1	07/20/21 08:30	07/21/21 01:30	100-42-5	
1,1,1,2-Tetrachloroethane	<14.0	ug/kg	58.3	14.0	1	07/20/21 08:30	07/21/21 01:30	630-20-6	
1,1,2,2-Tetrachloroethane	<21.1	ug/kg	58.3	21.1	1	07/20/21 08:30	07/21/21 01:30	79-34-5	
Tetrachloroethene	345	ug/kg	58.3	22.6	1	07/20/21 08:30	07/21/21 01:30	127-18-4	
Toluene	87.1	ug/kg	58.3	14.7	1	07/20/21 08:30	07/21/21 01:30	108-88-3	
1,2,3-Trichlorobenzene	<65.0	ug/kg	292	65.0	1	07/20/21 08:30	07/21/21 01:30	87-61-6	
1,2,4-Trichlorobenzene	<48.1	ug/kg	292	48.1	1	07/20/21 08:30	07/21/21 01:30	120-82-1	
1,1,1-Trichloroethane	<14.9	ug/kg	58.3	14.9	1	07/20/21 08:30	07/21/21 01:30	71-55-6	
1,1,2-Trichloroethane	<21.2	ug/kg	58.3	21.2	1	07/20/21 08:30	07/21/21 01:30	79-00-5	
Trichloroethene	<21.8	ug/kg	58.3	21.8	1	07/20/21 08:30	07/21/21 01:30	79-01-6	
Trichlorofluoromethane	<16.9	ug/kg	58.3	16.9	1	07/20/21 08:30	07/21/21 01:30	75-69-4	
1,2,3-Trichloropropane	<28.4	ug/kg	58.3	28.4	1	07/20/21 08:30	07/21/21 01:30	96-18-4	
1,2,4-Trimethylbenzene	59.5	ug/kg	58.3	17.4	1	07/20/21 08:30	07/21/21 01:30	95-63-6	
1,3,5-Trimethylbenzene	<18.8	ug/kg	58.3	18.8	1	07/20/21 08:30	07/21/21 01:30	108-67-8	
Vinyl chloride	<11.8	ug/kg	58.3	11.8	1	07/20/21 08:30	07/21/21 01:30	75-01-4	
m&p-Xylene	162	ug/kg	117	24.6	1	07/20/21 08:30	07/21/21 01:30	179601-23-1	
o-Xylene	99.6	ug/kg	58.3	17.5	1	07/20/21 08:30	07/21/21 01:30	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	113	%	67-159		1	07/20/21 08:30	07/21/21 01:30	2037-26-5	
4-Bromofluorobenzene (S)	101	%	66-153		1	07/20/21 08:30	07/21/21 01:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	82-158		1	07/20/21 08:30	07/21/21 01:30	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	7.7	%	0.10	0.10	1		07/19/21 13:17		
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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-11 (9)**      **Lab ID: 40230183006**      Collected: 07/15/21 12:50      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<18.7	ug/kg	61.4	18.7	1	07/19/21 13:33	07/20/21 13:05	12674-11-2	
PCB-1221 (Aroclor 1221)	<18.7	ug/kg	61.4	18.7	1	07/19/21 13:33	07/20/21 13:05	11104-28-2	
PCB-1232 (Aroclor 1232)	<18.7	ug/kg	61.4	18.7	1	07/19/21 13:33	07/20/21 13:05	11141-16-5	
PCB-1242 (Aroclor 1242)	<18.7	ug/kg	61.4	18.7	1	07/19/21 13:33	07/20/21 13:05	53469-21-9	
PCB-1248 (Aroclor 1248)	<18.7	ug/kg	61.4	18.7	1	07/19/21 13:33	07/20/21 13:05	12672-29-6	
PCB-1254 (Aroclor 1254)	<18.7	ug/kg	61.4	18.7	1	07/19/21 13:33	07/20/21 13:05	11097-69-1	
PCB-1260 (Aroclor 1260)	<18.7	ug/kg	61.4	18.7	1	07/19/21 13:33	07/20/21 13:05	11096-82-5	
PCB, Total	<18.7	ug/kg	61.4	18.7	1	07/19/21 13:33	07/20/21 13:05	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	67	%	67-102		1	07/19/21 13:33	07/20/21 13:05	877-09-8	
Decachlorobiphenyl (S)	63	%	47-114		1	07/19/21 13:33	07/20/21 13:05	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	4.2J	mg/kg	4.8	1.4	1	07/21/21 09:42	07/22/21 11:20		
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.9	mg/kg	2.9	1.7	1	07/21/21 06:59	07/21/21 19:19	7440-38-2	
Barium	90.0	mg/kg	0.58	0.17	1	07/21/21 06:59	07/21/21 19:19	7440-39-3	
Cadmium	0.69	mg/kg	0.58	0.15	1	07/21/21 06:59	07/21/21 19:19	7440-43-9	
Chromium	30.6	mg/kg	1.2	0.32	1	07/21/21 06:59	07/21/21 19:19	7440-47-3	
Lead	9.7	mg/kg	2.3	0.69	1	07/21/21 06:59	07/21/21 19:19	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	07/21/21 06:59	07/21/21 19:19	7782-49-2	
Silver	<0.35	mg/kg	1.2	0.35	1	07/21/21 06:59	07/21/21 19:19	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.018J	mg/kg	0.038	0.011	1	07/21/21 11:43	07/22/21 09:35	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<2.7	ug/kg	20.4	2.7	1	07/28/21 09:01	07/28/21 17:53	83-32-9	
Acenaphthylene	<2.6	ug/kg	20.4	2.6	1	07/28/21 09:01	07/28/21 17:53	208-96-8	
Anthracene	<2.5	ug/kg	20.4	2.5	1	07/28/21 09:01	07/28/21 17:53	120-12-7	
Benzo(a)anthracene	9.2J	ug/kg	20.4	2.6	1	07/28/21 09:01	07/28/21 17:53	56-55-3	
Benzo(a)pyrene	7.2J	ug/kg	20.4	2.3	1	07/28/21 09:01	07/28/21 17:53	50-32-8	
Benzo(b)fluoranthene	10.8J	ug/kg	20.4	2.8	1	07/28/21 09:01	07/28/21 17:53	205-99-2	
Benzo(g,h,i)perylene	6.6J	ug/kg	20.4	3.6	1	07/28/21 09:01	07/28/21 17:53	191-24-2	
Benzo(k)fluoranthene	4.2J	ug/kg	20.4	2.6	1	07/28/21 09:01	07/28/21 17:53	207-08-9	
Chrysene	11.1J	ug/kg	20.4	3.9	1	07/28/21 09:01	07/28/21 17:53	218-01-9	
Dibenz(a,h)anthracene	<2.8	ug/kg	20.4	2.8	1	07/28/21 09:01	07/28/21 17:53	53-70-3	
Fluoranthene	14.2J	ug/kg	20.4	2.4	1	07/28/21 09:01	07/28/21 17:53	206-44-0	
Fluorene	<2.5	ug/kg	20.4	2.5	1	07/28/21 09:01	07/28/21 17:53	86-73-7	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-11 (9)**      **Lab ID: 40230183006**      Collected: 07/15/21 12:50      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<4.3	ug/kg	20.4	4.3	1	07/28/21 09:01	07/28/21 17:53	193-39-5	
1-Methylnaphthalene	<3.0	ug/kg	20.4	3.0	1	07/28/21 09:01	07/28/21 17:53	90-12-0	
2-Methylnaphthalene	<3.0	ug/kg	20.4	3.0	1	07/28/21 09:01	07/28/21 17:53	91-57-6	
Naphthalene	<2.0	ug/kg	20.4	2.0	1	07/28/21 09:01	07/28/21 17:53	91-20-3	
Phenanthrene	6.0J	ug/kg	20.4	2.3	1	07/28/21 09:01	07/28/21 17:53	85-01-8	
Pyrene	14.3J	ug/kg	20.4	3.0	1	07/28/21 09:01	07/28/21 17:53	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	61	%	36-86		1	07/28/21 09:01	07/28/21 17:53	321-60-8	
Terphenyl-d14 (S)	63	%	41-97		1	07/28/21 09:01	07/28/21 17:53	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<17.2	ug/kg	28.9	17.2	1	07/20/21 10:30	07/23/21 12:59	71-43-2	
Bromobenzene	<28.2	ug/kg	72.4	28.2	1	07/20/21 10:30	07/23/21 12:59	108-86-1	
Bromochloromethane	<19.8	ug/kg	72.4	19.8	1	07/20/21 10:30	07/23/21 12:59	74-97-5	
Bromodichloromethane	<17.2	ug/kg	72.4	17.2	1	07/20/21 10:30	07/23/21 12:59	75-27-4	
Bromoform	<318	ug/kg	362	318	1	07/20/21 10:30	07/23/21 12:59	75-25-2	
Bromomethane	<101	ug/kg	362	101	1	07/20/21 10:30	07/23/21 12:59	74-83-9	
n-Butylbenzene	<33.1	ug/kg	72.4	33.1	1	07/20/21 10:30	07/23/21 12:59	104-51-8	
sec-Butylbenzene	<17.7	ug/kg	72.4	17.7	1	07/20/21 10:30	07/23/21 12:59	135-98-8	
tert-Butylbenzene	<22.7	ug/kg	72.4	22.7	1	07/20/21 10:30	07/23/21 12:59	98-06-6	
Carbon tetrachloride	<15.9	ug/kg	72.4	15.9	1	07/20/21 10:30	07/23/21 12:59	56-23-5	
Chlorobenzene	25.9J	ug/kg	72.4	8.7	1	07/20/21 10:30	07/23/21 12:59	108-90-7	
Chloroethane	<30.5	ug/kg	362	30.5	1	07/20/21 10:30	07/23/21 12:59	75-00-3	
Chloroform	<51.8	ug/kg	362	51.8	1	07/20/21 10:30	07/23/21 12:59	67-66-3	
Chloromethane	<27.5	ug/kg	72.4	27.5	1	07/20/21 10:30	07/23/21 12:59	74-87-3	
2-Chlorotoluene	<23.4	ug/kg	72.4	23.4	1	07/20/21 10:30	07/23/21 12:59	95-49-8	
4-Chlorotoluene	<27.5	ug/kg	72.4	27.5	1	07/20/21 10:30	07/23/21 12:59	106-43-4	
1,2-Dibromo-3-chloropropane	<56.2	ug/kg	362	56.2	1	07/20/21 10:30	07/23/21 12:59	96-12-8	
Dibromochloromethane	<247	ug/kg	362	247	1	07/20/21 10:30	07/23/21 12:59	124-48-1	
1,2-Dibromoethane (EDB)	<19.8	ug/kg	72.4	19.8	1	07/20/21 10:30	07/23/21 12:59	106-93-4	
Dibromomethane	<21.4	ug/kg	72.4	21.4	1	07/20/21 10:30	07/23/21 12:59	74-95-3	
1,2-Dichlorobenzene	<22.4	ug/kg	72.4	22.4	1	07/20/21 10:30	07/23/21 12:59	95-50-1	
1,3-Dichlorobenzene	<19.8	ug/kg	72.4	19.8	1	07/20/21 10:30	07/23/21 12:59	541-73-1	
1,4-Dichlorobenzene	<19.8	ug/kg	72.4	19.8	1	07/20/21 10:30	07/23/21 12:59	106-46-7	
Dichlorodifluoromethane	<31.1	ug/kg	72.4	31.1	1	07/20/21 10:30	07/23/21 12:59	75-71-8	
1,1-Dichloroethane	<18.5	ug/kg	72.4	18.5	1	07/20/21 10:30	07/23/21 12:59	75-34-3	
1,2-Dichloroethane	<16.6	ug/kg	72.4	16.6	1	07/20/21 10:30	07/23/21 12:59	107-06-2	
1,1-Dichloroethene	<24.0	ug/kg	72.4	24.0	1	07/20/21 10:30	07/23/21 12:59	75-35-4	
cis-1,2-Dichloroethene	<15.5	ug/kg	72.4	15.5	1	07/20/21 10:30	07/23/21 12:59	156-59-2	
trans-1,2-Dichloroethene	<15.6	ug/kg	72.4	15.6	1	07/20/21 10:30	07/23/21 12:59	156-60-5	
1,2-Dichloropropane	<17.2	ug/kg	72.4	17.2	1	07/20/21 10:30	07/23/21 12:59	78-87-5	
1,3-Dichloropropane	<15.8	ug/kg	72.4	15.8	1	07/20/21 10:30	07/23/21 12:59	142-28-9	
2,2-Dichloropropane	<19.5	ug/kg	72.4	19.5	1	07/20/21 10:30	07/23/21 12:59	594-20-7	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Sample: P-11 (9) Lab ID: 40230183006 Collected: 07/15/21 12:50 Received: 07/17/21 09:00 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<23.4	ug/kg	72.4	23.4	1	07/20/21 10:30	07/23/21 12:59	563-58-6	
cis-1,3-Dichloropropene	<47.8	ug/kg	362	47.8	1	07/20/21 10:30	07/23/21 12:59	10061-01-5	
trans-1,3-Dichloropropene	<207	ug/kg	362	207	1	07/20/21 10:30	07/23/21 12:59	10061-02-6	
Diisopropyl ether	<17.9	ug/kg	72.4	17.9	1	07/20/21 10:30	07/23/21 12:59	108-20-3	
Ethylbenzene	<17.2	ug/kg	72.4	17.2	1	07/20/21 10:30	07/23/21 12:59	100-41-4	
Hexachloro-1,3-butadiene	<144	ug/kg	362	144	1	07/20/21 10:30	07/23/21 12:59	87-68-3	L2
Isopropylbenzene (Cumene)	<19.5	ug/kg	72.4	19.5	1	07/20/21 10:30	07/23/21 12:59	98-82-8	
p-Isopropyltoluene	<22.0	ug/kg	72.4	22.0	1	07/20/21 10:30	07/23/21 12:59	99-87-6	
Methylene Chloride	<20.1	ug/kg	72.4	20.1	1	07/20/21 10:30	07/23/21 12:59	75-09-2	
Methyl-tert-butyl ether	<21.3	ug/kg	72.4	21.3	1	07/20/21 10:30	07/23/21 12:59	1634-04-4	
Naphthalene	<22.6	ug/kg	362	22.6	1	07/20/21 10:30	07/23/21 12:59	91-20-3	
n-Propylbenzene	<17.4	ug/kg	72.4	17.4	1	07/20/21 10:30	07/23/21 12:59	103-65-1	
Styrene	<18.5	ug/kg	72.4	18.5	1	07/20/21 10:30	07/23/21 12:59	100-42-5	
1,1,1,2-Tetrachloroethane	<17.4	ug/kg	72.4	17.4	1	07/20/21 10:30	07/23/21 12:59	630-20-6	
1,1,2,2-Tetrachloroethane	<26.2	ug/kg	72.4	26.2	1	07/20/21 10:30	07/23/21 12:59	79-34-5	
Tetrachloroethene	<28.1	ug/kg	72.4	28.1	1	07/20/21 10:30	07/23/21 12:59	127-18-4	
Toluene	<18.2	ug/kg	72.4	18.2	1	07/20/21 10:30	07/23/21 12:59	108-88-3	
1,2,3-Trichlorobenzene	<80.6	ug/kg	362	80.6	1	07/20/21 10:30	07/23/21 12:59	87-61-6	
1,2,4-Trichlorobenzene	<59.6	ug/kg	362	59.6	1	07/20/21 10:30	07/23/21 12:59	120-82-1	
1,1,1-Trichloroethane	<18.5	ug/kg	72.4	18.5	1	07/20/21 10:30	07/23/21 12:59	71-55-6	
1,1,2-Trichloroethane	<26.3	ug/kg	72.4	26.3	1	07/20/21 10:30	07/23/21 12:59	79-00-5	
Trichloroethene	<27.1	ug/kg	72.4	27.1	1	07/20/21 10:30	07/23/21 12:59	79-01-6	
Trichlorofluoromethane	<21.0	ug/kg	72.4	21.0	1	07/20/21 10:30	07/23/21 12:59	75-69-4	
1,2,3-Trichloropropane	<35.2	ug/kg	72.4	35.2	1	07/20/21 10:30	07/23/21 12:59	96-18-4	
1,2,4-Trimethylbenzene	<21.6	ug/kg	72.4	21.6	1	07/20/21 10:30	07/23/21 12:59	95-63-6	
1,3,5-Trimethylbenzene	<23.3	ug/kg	72.4	23.3	1	07/20/21 10:30	07/23/21 12:59	108-67-8	
Vinyl chloride	<14.6	ug/kg	72.4	14.6	1	07/20/21 10:30	07/23/21 12:59	75-01-4	
m&p-Xylene	<30.5	ug/kg	145	30.5	1	07/20/21 10:30	07/23/21 12:59	179601-23-1	
o-Xylene	<21.7	ug/kg	72.4	21.7	1	07/20/21 10:30	07/23/21 12:59	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	121	%	67-159		1	07/20/21 10:30	07/23/21 12:59	2037-26-5	
4-Bromofluorobenzene (S)	111	%	66-153		1	07/20/21 10:30	07/23/21 12:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	82-158		1	07/20/21 10:30	07/23/21 12:59	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	18.3	%	0.10	0.10	1		07/19/21 13:17		
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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-15 (1)**      **Lab ID: 40230183007**      Collected: 07/15/21 12:52      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<16500	ug/kg	54000	16500	1000	07/19/21 13:33	07/20/21 15:35	12674-11-2	D3
PCB-1221 (Aroclor 1221)	<16500	ug/kg	54000	16500	1000	07/19/21 13:33	07/20/21 15:35	11104-28-2	
PCB-1232 (Aroclor 1232)	<16500	ug/kg	54000	16500	1000	07/19/21 13:33	07/20/21 15:35	11141-16-5	
PCB-1242 (Aroclor 1242)	<16500	ug/kg	54000	16500	1000	07/19/21 13:33	07/20/21 15:35	53469-21-9	
PCB-1248 (Aroclor 1248)	<16500	ug/kg	54000	16500	1000	07/19/21 13:33	07/20/21 15:35	12672-29-6	
PCB-1254 (Aroclor 1254)	<16500	ug/kg	54000	16500	1000	07/19/21 13:33	07/20/21 15:35	11097-69-1	
PCB-1260 (Aroclor 1260)	<16500	ug/kg	54000	16500	1000	07/19/21 13:33	07/20/21 15:35	11096-82-5	
PCB, Total	<16500	ug/kg	54000	16500	1000	07/19/21 13:33	07/20/21 15:35	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	0	%	67-102		1000	07/19/21 13:33	07/20/21 15:35	877-09-8	S4
Decachlorobiphenyl (S)	0	%	47-114		1000	07/19/21 13:33	07/20/21 15:35	2051-24-3	S4
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	<b>4210</b>	mg/kg	385	115	100	07/21/21 09:42	07/22/21 12:06		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<15.7	mg/kg	26.7	15.7	10	07/21/21 06:59	07/22/21 13:42	7440-38-2	D3
Barium	<b>91.2</b>	mg/kg	5.3	1.6	10	07/21/21 06:59	07/22/21 13:42	7440-39-3	
Cadmium	<1.4	mg/kg	5.3	1.4	10	07/21/21 06:59	07/22/21 13:42	7440-43-9	D3
Chromium	<b>1560</b>	mg/kg	10.7	3.0	10	07/21/21 06:59	07/22/21 13:42	7440-47-3	
Lead	<b>63.8</b>	mg/kg	21.4	6.4	10	07/21/21 06:59	07/22/21 13:42	7439-92-1	
Selenium	<14.0	mg/kg	42.8	14.0	10	07/21/21 06:59	07/22/21 13:42	7782-49-2	D3
Silver	<3.3	mg/kg	10.7	3.3	10	07/21/21 06:59	07/22/21 13:42	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.31</b>	mg/kg	0.038	0.011	1	07/21/21 12:00	07/22/21 10:24	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<46.9	ug/kg	361	46.9	20	07/28/21 09:01	07/29/21 15:57	83-32-9	
Acenaphthylene	<b>155J</b>	ug/kg	361	45.5	20	07/28/21 09:01	07/29/21 15:57	208-96-8	
Anthracene	<b>177J</b>	ug/kg	361	44.8	20	07/28/21 09:01	07/29/21 15:57	120-12-7	
Benzo(a)anthracene	<b>336J</b>	ug/kg	361	46.7	20	07/28/21 09:01	07/29/21 15:57	56-55-3	
Benzo(a)pyrene	<b>720</b>	ug/kg	361	41.0	20	07/28/21 09:01	07/29/21 15:57	50-32-8	
Benzo(b)fluoranthene	<b>1080</b>	ug/kg	361	50.2	20	07/28/21 09:01	07/29/21 15:57	205-99-2	
Benzo(g,h,i)perylene	<b>407</b>	ug/kg	361	63.4	20	07/28/21 09:01	07/29/21 15:57	191-24-2	
Benzo(k)fluoranthene	<b>563</b>	ug/kg	361	46.2	20	07/28/21 09:01	07/29/21 15:57	207-08-9	
Chrysene	<b>985</b>	ug/kg	361	68.1	20	07/28/21 09:01	07/29/21 15:57	218-01-9	
Dibenz(a,h)anthracene	<b>121J</b>	ug/kg	361	50.0	20	07/28/21 09:01	07/29/21 15:57	53-70-3	
Fluoranthene	<b>1300</b>	ug/kg	361	42.8	20	07/28/21 09:01	07/29/21 15:57	206-44-0	
Fluorene	<43.3	ug/kg	361	43.3	20	07/28/21 09:01	07/29/21 15:57	86-73-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-15 (1)**      **Lab ID: 40230183007**      Collected: 07/15/21 12:52      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>356J</b>	ug/kg	361	75.3	20	07/28/21 09:01	07/29/21 15:57	193-39-5	
1-Methylnaphthalene	<b>&lt;52.8</b>	ug/kg	361	52.8	20	07/28/21 09:01	07/29/21 15:57	90-12-0	
2-Methylnaphthalene	<b>&lt;52.8</b>	ug/kg	361	52.8	20	07/28/21 09:01	07/29/21 15:57	91-57-6	
Naphthalene	<b>&lt;35.2</b>	ug/kg	361	35.2	20	07/28/21 09:01	07/29/21 15:57	91-20-3	D3
Phenanthrene	<b>525</b>	ug/kg	361	41.4	20	07/28/21 09:01	07/29/21 15:57	85-01-8	
Pyrene	<b>980</b>	ug/kg	361	53.1	20	07/28/21 09:01	07/29/21 15:57	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	36-86		20	07/28/21 09:01	07/29/21 15:57	321-60-8	
Terphenyl-d14 (S)	65	%	41-97		20	07/28/21 09:01	07/29/21 15:57	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;13.8</b>	ug/kg	23.3	13.8	1	07/20/21 10:30	07/23/21 23:55	71-43-2	
Bromobenzene	<b>&lt;22.7</b>	ug/kg	58.2	22.7	1	07/20/21 10:30	07/23/21 23:55	108-86-1	
Bromochloromethane	<b>&lt;15.9</b>	ug/kg	58.2	15.9	1	07/20/21 10:30	07/23/21 23:55	74-97-5	
Bromodichloromethane	<b>&lt;13.8</b>	ug/kg	58.2	13.8	1	07/20/21 10:30	07/23/21 23:55	75-27-4	
Bromoform	<b>&lt;256</b>	ug/kg	291	256	1	07/20/21 10:30	07/23/21 23:55	75-25-2	
Bromomethane	<b>&lt;81.5</b>	ug/kg	291	81.5	1	07/20/21 10:30	07/23/21 23:55	74-83-9	
n-Butylbenzene	<b>&lt;26.6</b>	ug/kg	58.2	26.6	1	07/20/21 10:30	07/23/21 23:55	104-51-8	
sec-Butylbenzene	<b>&lt;14.2</b>	ug/kg	58.2	14.2	1	07/20/21 10:30	07/23/21 23:55	135-98-8	
tert-Butylbenzene	<b>&lt;18.3</b>	ug/kg	58.2	18.3	1	07/20/21 10:30	07/23/21 23:55	98-06-6	
Carbon tetrachloride	<b>&lt;12.8</b>	ug/kg	58.2	12.8	1	07/20/21 10:30	07/23/21 23:55	56-23-5	
Chlorobenzene	<b>&lt;7.0</b>	ug/kg	58.2	7.0	1	07/20/21 10:30	07/23/21 23:55	108-90-7	
Chloroethane	<b>&lt;24.5</b>	ug/kg	291	24.5	1	07/20/21 10:30	07/23/21 23:55	75-00-3	
Chloroform	<b>&lt;41.6</b>	ug/kg	291	41.6	1	07/20/21 10:30	07/23/21 23:55	67-66-3	
Chloromethane	<b>&lt;22.1</b>	ug/kg	58.2	22.1	1	07/20/21 10:30	07/23/21 23:55	74-87-3	
2-Chlorotoluene	<b>&lt;18.8</b>	ug/kg	58.2	18.8	1	07/20/21 10:30	07/23/21 23:55	95-49-8	
4-Chlorotoluene	<b>&lt;22.1</b>	ug/kg	58.2	22.1	1	07/20/21 10:30	07/23/21 23:55	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;45.1</b>	ug/kg	291	45.1	1	07/20/21 10:30	07/23/21 23:55	96-12-8	
Dibromochloromethane	<b>&lt;199</b>	ug/kg	291	199	1	07/20/21 10:30	07/23/21 23:55	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;15.9</b>	ug/kg	58.2	15.9	1	07/20/21 10:30	07/23/21 23:55	106-93-4	
Dibromomethane	<b>&lt;17.2</b>	ug/kg	58.2	17.2	1	07/20/21 10:30	07/23/21 23:55	74-95-3	
1,2-Dichlorobenzene	<b>&lt;18.0</b>	ug/kg	58.2	18.0	1	07/20/21 10:30	07/23/21 23:55	95-50-1	
1,3-Dichlorobenzene	<b>&lt;15.9</b>	ug/kg	58.2	15.9	1	07/20/21 10:30	07/23/21 23:55	541-73-1	
1,4-Dichlorobenzene	<b>&lt;15.9</b>	ug/kg	58.2	15.9	1	07/20/21 10:30	07/23/21 23:55	106-46-7	
Dichlorodifluoromethane	<b>&lt;25.0</b>	ug/kg	58.2	25.0	1	07/20/21 10:30	07/23/21 23:55	75-71-8	
1,1-Dichloroethane	<b>&lt;14.9</b>	ug/kg	58.2	14.9	1	07/20/21 10:30	07/23/21 23:55	75-34-3	
1,2-Dichloroethane	<b>&lt;13.4</b>	ug/kg	58.2	13.4	1	07/20/21 10:30	07/23/21 23:55	107-06-2	
1,1-Dichloroethene	<b>&lt;19.3</b>	ug/kg	58.2	19.3	1	07/20/21 10:30	07/23/21 23:55	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;12.4</b>	ug/kg	58.2	12.4	1	07/20/21 10:30	07/23/21 23:55	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;12.6</b>	ug/kg	58.2	12.6	1	07/20/21 10:30	07/23/21 23:55	156-60-5	
1,2-Dichloropropane	<b>&lt;13.8</b>	ug/kg	58.2	13.8	1	07/20/21 10:30	07/23/21 23:55	78-87-5	
1,3-Dichloropropane	<b>&lt;12.7</b>	ug/kg	58.2	12.7	1	07/20/21 10:30	07/23/21 23:55	142-28-9	
2,2-Dichloropropane	<b>&lt;15.7</b>	ug/kg	58.2	15.7	1	07/20/21 10:30	07/23/21 23:55	594-20-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-15 (1)**      **Lab ID: 40230183007**      Collected: 07/15/21 12:52      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<18.8	ug/kg	58.2	18.8	1	07/20/21 10:30	07/23/21 23:55	563-58-6	
cis-1,3-Dichloropropene	<38.4	ug/kg	291	38.4	1	07/20/21 10:30	07/23/21 23:55	10061-01-5	
trans-1,3-Dichloropropene	<166	ug/kg	291	166	1	07/20/21 10:30	07/23/21 23:55	10061-02-6	
Diisopropyl ether	<14.4	ug/kg	58.2	14.4	1	07/20/21 10:30	07/23/21 23:55	108-20-3	
Ethylbenzene	<13.8	ug/kg	58.2	13.8	1	07/20/21 10:30	07/23/21 23:55	100-41-4	
Hexachloro-1,3-butadiene	<116	ug/kg	291	116	1	07/20/21 10:30	07/23/21 23:55	87-68-3	L2
Isopropylbenzene (Cumene)	<15.7	ug/kg	58.2	15.7	1	07/20/21 10:30	07/23/21 23:55	98-82-8	
p-Isopropyltoluene	<17.7	ug/kg	58.2	17.7	1	07/20/21 10:30	07/23/21 23:55	99-87-6	
Methylene Chloride	<16.2	ug/kg	58.2	16.2	1	07/20/21 10:30	07/23/21 23:55	75-09-2	
Methyl-tert-butyl ether	<17.1	ug/kg	58.2	17.1	1	07/20/21 10:30	07/23/21 23:55	1634-04-4	
Naphthalene	<18.1	ug/kg	291	18.1	1	07/20/21 10:30	07/23/21 23:55	91-20-3	
n-Propylbenzene	<14.0	ug/kg	58.2	14.0	1	07/20/21 10:30	07/23/21 23:55	103-65-1	
Styrene	<14.9	ug/kg	58.2	14.9	1	07/20/21 10:30	07/23/21 23:55	100-42-5	
1,1,1,2-Tetrachloroethane	<14.0	ug/kg	58.2	14.0	1	07/20/21 10:30	07/23/21 23:55	630-20-6	
1,1,2,2-Tetrachloroethane	<21.1	ug/kg	58.2	21.1	1	07/20/21 10:30	07/23/21 23:55	79-34-5	
Tetrachloroethene	<22.6	ug/kg	58.2	22.6	1	07/20/21 10:30	07/23/21 23:55	127-18-4	
Toluene	<14.7	ug/kg	58.2	14.7	1	07/20/21 10:30	07/23/21 23:55	108-88-3	
1,2,3-Trichlorobenzene	<64.8	ug/kg	291	64.8	1	07/20/21 10:30	07/23/21 23:55	87-61-6	
1,2,4-Trichlorobenzene	<47.9	ug/kg	291	47.9	1	07/20/21 10:30	07/23/21 23:55	120-82-1	
1,1,1-Trichloroethane	<14.9	ug/kg	58.2	14.9	1	07/20/21 10:30	07/23/21 23:55	71-55-6	
1,1,2-Trichloroethane	<21.2	ug/kg	58.2	21.2	1	07/20/21 10:30	07/23/21 23:55	79-00-5	
Trichloroethene	<21.7	ug/kg	58.2	21.7	1	07/20/21 10:30	07/23/21 23:55	79-01-6	
Trichlorofluoromethane	<16.9	ug/kg	58.2	16.9	1	07/20/21 10:30	07/23/21 23:55	75-69-4	
1,2,3-Trichloropropane	<28.3	ug/kg	58.2	28.3	1	07/20/21 10:30	07/23/21 23:55	96-18-4	
1,2,4-Trimethylbenzene	<17.3	ug/kg	58.2	17.3	1	07/20/21 10:30	07/23/21 23:55	95-63-6	
1,3,5-Trimethylbenzene	<18.7	ug/kg	58.2	18.7	1	07/20/21 10:30	07/23/21 23:55	108-67-8	
Vinyl chloride	<11.7	ug/kg	58.2	11.7	1	07/20/21 10:30	07/23/21 23:55	75-01-4	
m&p-Xylene	<24.5	ug/kg	116	24.5	1	07/20/21 10:30	07/23/21 23:55	179601-23-1	
o-Xylene	<17.4	ug/kg	58.2	17.4	1	07/20/21 10:30	07/23/21 23:55	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	109	%	67-159		1	07/20/21 10:30	07/23/21 23:55	2037-26-5	
4-Bromofluorobenzene (S)	105	%	66-153		1	07/20/21 10:30	07/23/21 23:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	91	%	82-158		1	07/20/21 10:30	07/23/21 23:55	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	7.5	%	0.10	0.10	1		07/19/21 13:17		
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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-15 (7)**      **Lab ID: 40230183008**      Collected: 07/15/21 12:54      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<18.3	ug/kg	60.0	18.3	1	07/19/21 13:33	07/20/21 13:29	12674-11-2	
PCB-1221 (Aroclor 1221)	<18.3	ug/kg	60.0	18.3	1	07/19/21 13:33	07/20/21 13:29	11104-28-2	
PCB-1232 (Aroclor 1232)	<18.3	ug/kg	60.0	18.3	1	07/19/21 13:33	07/20/21 13:29	11141-16-5	
PCB-1242 (Aroclor 1242)	<18.3	ug/kg	60.0	18.3	1	07/19/21 13:33	07/20/21 13:29	53469-21-9	
PCB-1248 (Aroclor 1248)	<18.3	ug/kg	60.0	18.3	1	07/19/21 13:33	07/20/21 13:29	12672-29-6	
PCB-1254 (Aroclor 1254)	168	ug/kg	60.0	18.3	1	07/19/21 13:33	07/20/21 13:29	11097-69-1	
PCB-1260 (Aroclor 1260)	<18.3	ug/kg	60.0	18.3	1	07/19/21 13:33	07/20/21 13:29	11096-82-5	
PCB, Total	168	ug/kg	60.0	18.3	1	07/19/21 13:33	07/20/21 13:29	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	60	%	67-102		1	07/19/21 13:33	07/20/21 13:29	877-09-8	S0
Decachlorobiphenyl (S)	58	%	47-114		1	07/19/21 13:33	07/20/21 13:29	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	56.2	mg/kg	4.7	1.4	1	07/21/21 09:42	07/22/21 08:43		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.7J	mg/kg	5.9	3.5	2	07/21/21 06:59	07/22/21 13:44	7440-38-2	D3
Barium	40.5	mg/kg	1.2	0.36	2	07/21/21 06:59	07/22/21 13:44	7440-39-3	
Cadmium	<0.32	mg/kg	1.2	0.32	2	07/21/21 06:59	07/22/21 13:44	7440-43-9	D3
Chromium	15.0	mg/kg	2.4	0.66	2	07/21/21 06:59	07/22/21 13:44	7440-47-3	
Lead	10.6	mg/kg	4.7	1.4	2	07/21/21 06:59	07/22/21 13:44	7439-92-1	
Selenium	<3.1	mg/kg	9.5	3.1	2	07/21/21 06:59	07/22/21 13:44	7782-49-2	D3
Silver	<0.73	mg/kg	2.4	0.73	2	07/21/21 06:59	07/22/21 13:44	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.067	mg/kg	0.039	0.011	1	07/21/21 12:00	07/22/21 10:31	7439-97-6	B
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	850	ug/kg	100	13.0	5	07/28/21 09:01	07/28/21 18:10	83-32-9	
Acenaphthylene	<12.6	ug/kg	100	12.6	5	07/28/21 09:01	07/28/21 18:10	208-96-8	
Anthracene	172	ug/kg	100	12.4	5	07/28/21 09:01	07/28/21 18:10	120-12-7	
Benzo(a)anthracene	122	ug/kg	100	13.0	5	07/28/21 09:01	07/28/21 18:10	56-55-3	
Benzo(a)pyrene	27.3J	ug/kg	100	11.4	5	07/28/21 09:01	07/28/21 18:10	50-32-8	
Benzo(b)fluoranthene	45.6J	ug/kg	100	13.9	5	07/28/21 09:01	07/28/21 18:10	205-99-2	
Benzo(g,h,i)perylene	<17.6	ug/kg	100	17.6	5	07/28/21 09:01	07/28/21 18:10	191-24-2	
Benzo(k)fluoranthene	23.1J	ug/kg	100	12.8	5	07/28/21 09:01	07/28/21 18:10	207-08-9	
Chrysene	109	ug/kg	100	18.9	5	07/28/21 09:01	07/28/21 18:10	218-01-9	
Dibenz(a,h)anthracene	<13.9	ug/kg	100	13.9	5	07/28/21 09:01	07/28/21 18:10	53-70-3	
Fluoranthene	875	ug/kg	100	11.9	5	07/28/21 09:01	07/28/21 18:10	206-44-0	
Fluorene	692	ug/kg	100	12.0	5	07/28/21 09:01	07/28/21 18:10	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-15 (7)**      **Lab ID: 40230183008**      Collected: 07/15/21 12:54      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<20.9	ug/kg	100	20.9	5	07/28/21 09:01	07/28/21 18:10	193-39-5	
1-Methylnaphthalene	592	ug/kg	100	14.6	5	07/28/21 09:01	07/28/21 18:10	90-12-0	
2-Methylnaphthalene	1190	ug/kg	100	14.7	5	07/28/21 09:01	07/28/21 18:10	91-57-6	
Naphthalene	1370	ug/kg	100	9.8	5	07/28/21 09:01	07/28/21 18:10	91-20-3	
Phenanthrene	2030	ug/kg	100	11.5	5	07/28/21 09:01	07/28/21 18:10	85-01-8	
Pyrene	469	ug/kg	100	14.7	5	07/28/21 09:01	07/28/21 18:10	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	59	%	36-86		5	07/28/21 09:01	07/28/21 18:10	321-60-8	
Terphenyl-d14 (S)	52	%	41-97		5	07/28/21 09:01	07/28/21 18:10	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	22.5J	ug/kg	28.0	16.7	1	07/20/21 10:30	07/23/21 21:39	71-43-2	
Bromobenzene	<27.3	ug/kg	70.1	27.3	1	07/20/21 10:30	07/23/21 21:39	108-86-1	
Bromochloromethane	<19.2	ug/kg	70.1	19.2	1	07/20/21 10:30	07/23/21 21:39	74-97-5	
Bromodichloromethane	<16.7	ug/kg	70.1	16.7	1	07/20/21 10:30	07/23/21 21:39	75-27-4	
Bromoform	<308	ug/kg	350	308	1	07/20/21 10:30	07/23/21 21:39	75-25-2	
Bromomethane	<98.2	ug/kg	350	98.2	1	07/20/21 10:30	07/23/21 21:39	74-83-9	
n-Butylbenzene	<32.1	ug/kg	70.1	32.1	1	07/20/21 10:30	07/23/21 21:39	104-51-8	
sec-Butylbenzene	<17.1	ug/kg	70.1	17.1	1	07/20/21 10:30	07/23/21 21:39	135-98-8	
tert-Butylbenzene	<22.0	ug/kg	70.1	22.0	1	07/20/21 10:30	07/23/21 21:39	98-06-6	
Carbon tetrachloride	<15.4	ug/kg	70.1	15.4	1	07/20/21 10:30	07/23/21 21:39	56-23-5	
Chlorobenzene	<8.4	ug/kg	70.1	8.4	1	07/20/21 10:30	07/23/21 21:39	108-90-7	
Chloroethane	<29.6	ug/kg	350	29.6	1	07/20/21 10:30	07/23/21 21:39	75-00-3	
Chloroform	<50.2	ug/kg	350	50.2	1	07/20/21 10:30	07/23/21 21:39	67-66-3	
Chloromethane	<26.6	ug/kg	70.1	26.6	1	07/20/21 10:30	07/23/21 21:39	74-87-3	
2-Chlorotoluene	<22.7	ug/kg	70.1	22.7	1	07/20/21 10:30	07/23/21 21:39	95-49-8	
4-Chlorotoluene	<26.6	ug/kg	70.1	26.6	1	07/20/21 10:30	07/23/21 21:39	106-43-4	
1,2-Dibromo-3-chloropropane	<54.4	ug/kg	350	54.4	1	07/20/21 10:30	07/23/21 21:39	96-12-8	
Dibromochloromethane	<239	ug/kg	350	239	1	07/20/21 10:30	07/23/21 21:39	124-48-1	
1,2-Dibromoethane (EDB)	<19.2	ug/kg	70.1	19.2	1	07/20/21 10:30	07/23/21 21:39	106-93-4	
Dibromomethane	<20.7	ug/kg	70.1	20.7	1	07/20/21 10:30	07/23/21 21:39	74-95-3	
1,2-Dichlorobenzene	<21.7	ug/kg	70.1	21.7	1	07/20/21 10:30	07/23/21 21:39	95-50-1	
1,3-Dichlorobenzene	<19.2	ug/kg	70.1	19.2	1	07/20/21 10:30	07/23/21 21:39	541-73-1	
1,4-Dichlorobenzene	<19.2	ug/kg	70.1	19.2	1	07/20/21 10:30	07/23/21 21:39	106-46-7	
Dichlorodifluoromethane	<30.1	ug/kg	70.1	30.1	1	07/20/21 10:30	07/23/21 21:39	75-71-8	
1,1-Dichloroethane	<17.9	ug/kg	70.1	17.9	1	07/20/21 10:30	07/23/21 21:39	75-34-3	
1,2-Dichloroethane	<16.1	ug/kg	70.1	16.1	1	07/20/21 10:30	07/23/21 21:39	107-06-2	
1,1-Dichloroethene	<23.3	ug/kg	70.1	23.3	1	07/20/21 10:30	07/23/21 21:39	75-35-4	
cis-1,2-Dichloroethene	<15.0	ug/kg	70.1	15.0	1	07/20/21 10:30	07/23/21 21:39	156-59-2	
trans-1,2-Dichloroethene	<15.1	ug/kg	70.1	15.1	1	07/20/21 10:30	07/23/21 21:39	156-60-5	
1,2-Dichloropropane	<16.7	ug/kg	70.1	16.7	1	07/20/21 10:30	07/23/21 21:39	78-87-5	
1,3-Dichloropropane	<15.3	ug/kg	70.1	15.3	1	07/20/21 10:30	07/23/21 21:39	142-28-9	
2,2-Dichloropropane	<18.9	ug/kg	70.1	18.9	1	07/20/21 10:30	07/23/21 21:39	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-15 (7)**      **Lab ID: 40230183008**      Collected: 07/15/21 12:54      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<22.7	ug/kg	70.1	22.7	1	07/20/21 10:30	07/23/21 21:39	563-58-6	
cis-1,3-Dichloropropene	<46.2	ug/kg	350	46.2	1	07/20/21 10:30	07/23/21 21:39	10061-01-5	
trans-1,3-Dichloropropene	<200	ug/kg	350	200	1	07/20/21 10:30	07/23/21 21:39	10061-02-6	
Diisopropyl ether	<17.4	ug/kg	70.1	17.4	1	07/20/21 10:30	07/23/21 21:39	108-20-3	
Ethylbenzene	<16.7	ug/kg	70.1	16.7	1	07/20/21 10:30	07/23/21 21:39	100-41-4	
Hexachloro-1,3-butadiene	<139	ug/kg	350	139	1	07/20/21 10:30	07/23/21 21:39	87-68-3	L2
Isopropylbenzene (Cumene)	<18.9	ug/kg	70.1	18.9	1	07/20/21 10:30	07/23/21 21:39	98-82-8	
p-Isopropyltoluene	<21.3	ug/kg	70.1	21.3	1	07/20/21 10:30	07/23/21 21:39	99-87-6	
Methylene Chloride	<19.5	ug/kg	70.1	19.5	1	07/20/21 10:30	07/23/21 21:39	75-09-2	
Methyl-tert-butyl ether	<20.6	ug/kg	70.1	20.6	1	07/20/21 10:30	07/23/21 21:39	1634-04-4	
Naphthalene	321J	ug/kg	350	21.9	1	07/20/21 10:30	07/23/21 21:39	91-20-3	
n-Propylbenzene	<16.8	ug/kg	70.1	16.8	1	07/20/21 10:30	07/23/21 21:39	103-65-1	
Styrene	<17.9	ug/kg	70.1	17.9	1	07/20/21 10:30	07/23/21 21:39	100-42-5	
1,1,1,2-Tetrachloroethane	<16.8	ug/kg	70.1	16.8	1	07/20/21 10:30	07/23/21 21:39	630-20-6	
1,1,2,2-Tetrachloroethane	<25.4	ug/kg	70.1	25.4	1	07/20/21 10:30	07/23/21 21:39	79-34-5	
Tetrachloroethene	<27.2	ug/kg	70.1	27.2	1	07/20/21 10:30	07/23/21 21:39	127-18-4	
Toluene	35.2J	ug/kg	70.1	17.7	1	07/20/21 10:30	07/23/21 21:39	108-88-3	
1,2,3-Trichlorobenzene	<78.1	ug/kg	350	78.1	1	07/20/21 10:30	07/23/21 21:39	87-61-6	
1,2,4-Trichlorobenzene	<57.7	ug/kg	350	57.7	1	07/20/21 10:30	07/23/21 21:39	120-82-1	
1,1,1-Trichloroethane	<17.9	ug/kg	70.1	17.9	1	07/20/21 10:30	07/23/21 21:39	71-55-6	
1,1,2-Trichloroethane	<25.5	ug/kg	70.1	25.5	1	07/20/21 10:30	07/23/21 21:39	79-00-5	
Trichloroethene	<26.2	ug/kg	70.1	26.2	1	07/20/21 10:30	07/23/21 21:39	79-01-6	
Trichlorofluoromethane	<20.3	ug/kg	70.1	20.3	1	07/20/21 10:30	07/23/21 21:39	75-69-4	
1,2,3-Trichloropropane	<34.1	ug/kg	70.1	34.1	1	07/20/21 10:30	07/23/21 21:39	96-18-4	
1,2,4-Trimethylbenzene	<20.9	ug/kg	70.1	20.9	1	07/20/21 10:30	07/23/21 21:39	95-63-6	
1,3,5-Trimethylbenzene	<22.6	ug/kg	70.1	22.6	1	07/20/21 10:30	07/23/21 21:39	108-67-8	
Vinyl chloride	<14.2	ug/kg	70.1	14.2	1	07/20/21 10:30	07/23/21 21:39	75-01-4	
m&p-Xylene	<29.6	ug/kg	140	29.6	1	07/20/21 10:30	07/23/21 21:39	179601-23-1	
o-Xylene	<21.0	ug/kg	70.1	21.0	1	07/20/21 10:30	07/23/21 21:39	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	120	%	67-159		1	07/20/21 10:30	07/23/21 21:39	2037-26-5	
4-Bromofluorobenzene (S)	118	%	66-153		1	07/20/21 10:30	07/23/21 21:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	82-158		1	07/20/21 10:30	07/23/21 21:39	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	16.7	%	0.10	0.10	1		07/19/21 13:17		
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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-9 (2)**      **Lab ID: 40230183009**      Collected: 07/15/21 17:00      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<164	ug/kg	539	164	10	07/19/21 13:33	07/20/21 17:13	12674-11-2	
PCB-1221 (Aroclor 1221)	<164	ug/kg	539	164	10	07/19/21 13:33	07/20/21 17:13	11104-28-2	
PCB-1232 (Aroclor 1232)	<164	ug/kg	539	164	10	07/19/21 13:33	07/20/21 17:13	11141-16-5	
PCB-1242 (Aroclor 1242)	1930	ug/kg	539	164	10	07/19/21 13:33	07/20/21 17:13	53469-21-9	
PCB-1248 (Aroclor 1248)	<164	ug/kg	539	164	10	07/19/21 13:33	07/20/21 17:13	12672-29-6	
PCB-1254 (Aroclor 1254)	801	ug/kg	539	164	10	07/19/21 13:33	07/20/21 17:13	11097-69-1	
PCB-1260 (Aroclor 1260)	<164	ug/kg	539	164	10	07/19/21 13:33	07/20/21 17:13	11096-82-5	
PCB, Total	2730	ug/kg	539	164	10	07/19/21 13:33	07/20/21 17:13	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	68	%	67-102		10	07/19/21 13:33	07/20/21 17:13	877-09-8	
Decachlorobiphenyl (S)	69	%	47-114		10	07/19/21 13:33	07/20/21 17:13	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	1480	mg/kg	87.8	26.2	20	07/21/21 09:42	07/22/21 10:24		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<7.8	mg/kg	13.4	7.8	5	07/21/21 06:59	07/22/21 13:52	7440-38-2	D3
Barium	148	mg/kg	2.7	0.80	5	07/21/21 06:59	07/22/21 13:52	7440-39-3	
Cadmium	4.7	mg/kg	2.7	0.71	5	07/21/21 06:59	07/22/21 13:52	7440-43-9	
Chromium	1350	mg/kg	5.4	1.5	5	07/21/21 06:59	07/22/21 13:52	7440-47-3	
Lead	312	mg/kg	10.7	3.2	5	07/21/21 06:59	07/22/21 13:52	7439-92-1	
Selenium	<7.0	mg/kg	21.4	7.0	5	07/21/21 06:59	07/22/21 13:52	7782-49-2	D3
Silver	<1.6	mg/kg	5.4	1.6	5	07/21/21 06:59	07/22/21 13:52	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.55	mg/kg	0.037	0.011	1	07/21/21 12:00	07/22/21 10:38	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<23.3	ug/kg	180	23.3	10	07/28/21 09:01	07/30/21 12:32	83-32-9	
Acenaphthylene	<22.7	ug/kg	180	22.7	10	07/28/21 09:01	07/30/21 12:32	208-96-8	
Anthracene	49.5J	ug/kg	180	22.3	10	07/28/21 09:01	07/30/21 12:32	120-12-7	
Benzo(a)anthracene	168J	ug/kg	180	23.2	10	07/28/21 09:01	07/30/21 12:32	56-55-3	
Benzo(a)pyrene	214	ug/kg	180	20.4	10	07/28/21 09:01	07/30/21 12:32	50-32-8	
Benzo(b)fluoranthene	296	ug/kg	180	25.0	10	07/28/21 09:01	07/30/21 12:32	205-99-2	
Benzo(g,h,i)perylene	250	ug/kg	180	31.5	10	07/28/21 09:01	07/30/21 12:32	191-24-2	
Benzo(k)fluoranthene	147J	ug/kg	180	23.0	10	07/28/21 09:01	07/30/21 12:32	207-08-9	
Chrysene	228	ug/kg	180	33.9	10	07/28/21 09:01	07/30/21 12:32	218-01-9	
Dibenz(a,h)anthracene	58.5J	ug/kg	180	24.9	10	07/28/21 09:01	07/30/21 12:32	53-70-3	
Fluoranthene	334	ug/kg	180	21.3	10	07/28/21 09:01	07/30/21 12:32	206-44-0	
Fluorene	<21.6	ug/kg	180	21.6	10	07/28/21 09:01	07/30/21 12:32	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-9 (2)**      **Lab ID: 40230183009**      Collected: 07/15/21 17:00      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>158J</b>	ug/kg	180	37.5	10	07/28/21 09:01	07/30/21 12:32	193-39-5	
1-Methylnaphthalene	<b>34.8J</b>	ug/kg	180	26.3	10	07/28/21 09:01	07/30/21 12:32	90-12-0	
2-Methylnaphthalene	<b>46.0J</b>	ug/kg	180	26.3	10	07/28/21 09:01	07/30/21 12:32	91-57-6	
Naphthalene	<b>34.0J</b>	ug/kg	180	17.5	10	07/28/21 09:01	07/30/21 12:32	91-20-3	D3
Phenanthrene	<b>162J</b>	ug/kg	180	20.6	10	07/28/21 09:01	07/30/21 12:32	85-01-8	
Pyrene	<b>384</b>	ug/kg	180	26.4	10	07/28/21 09:01	07/30/21 12:32	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	72	%	36-86		10	07/28/21 09:01	07/30/21 12:32	321-60-8	
Terphenyl-d14 (S)	72	%	41-97		10	07/28/21 09:01	07/30/21 12:32	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	< <b>13.7</b>	ug/kg	23.0	13.7	1	07/20/21 10:30	07/26/21 16:12	71-43-2	
Bromobenzene	< <b>22.4</b>	ug/kg	57.6	22.4	1	07/20/21 10:30	07/26/21 16:12	108-86-1	
Bromochloromethane	< <b>15.8</b>	ug/kg	57.6	15.8	1	07/20/21 10:30	07/26/21 16:12	74-97-5	
Bromodichloromethane	< <b>13.7</b>	ug/kg	57.6	13.7	1	07/20/21 10:30	07/26/21 16:12	75-27-4	
Bromoform	< <b>253</b>	ug/kg	288	253	1	07/20/21 10:30	07/26/21 16:12	75-25-2	
Bromomethane	< <b>80.7</b>	ug/kg	288	80.7	1	07/20/21 10:30	07/26/21 16:12	74-83-9	
n-Butylbenzene	< <b>26.4</b>	ug/kg	57.6	26.4	1	07/20/21 10:30	07/26/21 16:12	104-51-8	
sec-Butylbenzene	< <b>14.0</b>	ug/kg	57.6	14.0	1	07/20/21 10:30	07/26/21 16:12	135-98-8	
tert-Butylbenzene	< <b>18.1</b>	ug/kg	57.6	18.1	1	07/20/21 10:30	07/26/21 16:12	98-06-6	
Carbon tetrachloride	< <b>12.7</b>	ug/kg	57.6	12.7	1	07/20/21 10:30	07/26/21 16:12	56-23-5	
Chlorobenzene	< <b>6.9</b>	ug/kg	57.6	6.9	1	07/20/21 10:30	07/26/21 16:12	108-90-7	
Chloroethane	< <b>24.3</b>	ug/kg	288	24.3	1	07/20/21 10:30	07/26/21 16:12	75-00-3	
Chloroform	< <b>41.2</b>	ug/kg	288	41.2	1	07/20/21 10:30	07/26/21 16:12	67-66-3	
Chloromethane	< <b>21.9</b>	ug/kg	57.6	21.9	1	07/20/21 10:30	07/26/21 16:12	74-87-3	
2-Chlorotoluene	< <b>18.6</b>	ug/kg	57.6	18.6	1	07/20/21 10:30	07/26/21 16:12	95-49-8	
4-Chlorotoluene	< <b>21.9</b>	ug/kg	57.6	21.9	1	07/20/21 10:30	07/26/21 16:12	106-43-4	
1,2-Dibromo-3-chloropropane	< <b>44.7</b>	ug/kg	288	44.7	1	07/20/21 10:30	07/26/21 16:12	96-12-8	
Dibromochloromethane	< <b>197</b>	ug/kg	288	197	1	07/20/21 10:30	07/26/21 16:12	124-48-1	
1,2-Dibromoethane (EDB)	< <b>15.8</b>	ug/kg	57.6	15.8	1	07/20/21 10:30	07/26/21 16:12	106-93-4	
Dibromomethane	< <b>17.0</b>	ug/kg	57.6	17.0	1	07/20/21 10:30	07/26/21 16:12	74-95-3	
1,2-Dichlorobenzene	< <b>17.8</b>	ug/kg	57.6	17.8	1	07/20/21 10:30	07/26/21 16:12	95-50-1	
1,3-Dichlorobenzene	< <b>15.8</b>	ug/kg	57.6	15.8	1	07/20/21 10:30	07/26/21 16:12	541-73-1	
1,4-Dichlorobenzene	< <b>15.8</b>	ug/kg	57.6	15.8	1	07/20/21 10:30	07/26/21 16:12	106-46-7	
Dichlorodifluoromethane	< <b>24.8</b>	ug/kg	57.6	24.8	1	07/20/21 10:30	07/26/21 16:12	75-71-8	
1,1-Dichloroethane	< <b>14.7</b>	ug/kg	57.6	14.7	1	07/20/21 10:30	07/26/21 16:12	75-34-3	
1,2-Dichloroethane	< <b>13.2</b>	ug/kg	57.6	13.2	1	07/20/21 10:30	07/26/21 16:12	107-06-2	
1,1-Dichloroethene	< <b>19.1</b>	ug/kg	57.6	19.1	1	07/20/21 10:30	07/26/21 16:12	75-35-4	
cis-1,2-Dichloroethene	< <b>12.3</b>	ug/kg	57.6	12.3	1	07/20/21 10:30	07/26/21 16:12	156-59-2	
trans-1,2-Dichloroethene	< <b>12.4</b>	ug/kg	57.6	12.4	1	07/20/21 10:30	07/26/21 16:12	156-60-5	
1,2-Dichloropropane	< <b>13.7</b>	ug/kg	57.6	13.7	1	07/20/21 10:30	07/26/21 16:12	78-87-5	
1,3-Dichloropropane	< <b>12.5</b>	ug/kg	57.6	12.5	1	07/20/21 10:30	07/26/21 16:12	142-28-9	
2,2-Dichloropropane	< <b>15.5</b>	ug/kg	57.6	15.5	1	07/20/21 10:30	07/26/21 16:12	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-9 (2)**      **Lab ID: 40230183009**      Collected: 07/15/21 17:00      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<18.6	ug/kg	57.6	18.6	1	07/20/21 10:30	07/26/21 16:12	563-58-6	
cis-1,3-Dichloropropene	<38.0	ug/kg	288	38.0	1	07/20/21 10:30	07/26/21 16:12	10061-01-5	
trans-1,3-Dichloropropene	<165	ug/kg	288	165	1	07/20/21 10:30	07/26/21 16:12	10061-02-6	
Diisopropyl ether	<14.3	ug/kg	57.6	14.3	1	07/20/21 10:30	07/26/21 16:12	108-20-3	
Ethylbenzene	21.8J	ug/kg	57.6	13.7	1	07/20/21 10:30	07/26/21 16:12	100-41-4	
Hexachloro-1,3-butadiene	<114	ug/kg	288	114	1	07/20/21 10:30	07/26/21 16:12	87-68-3	L2
Isopropylbenzene (Cumene)	<15.5	ug/kg	57.6	15.5	1	07/20/21 10:30	07/26/21 16:12	98-82-8	
p-Isopropyltoluene	<17.5	ug/kg	57.6	17.5	1	07/20/21 10:30	07/26/21 16:12	99-87-6	
Methylene Chloride	<16.0	ug/kg	57.6	16.0	1	07/20/21 10:30	07/26/21 16:12	75-09-2	
Methyl-tert-butyl ether	<16.9	ug/kg	57.6	16.9	1	07/20/21 10:30	07/26/21 16:12	1634-04-4	
Naphthalene	144J	ug/kg	288	18.0	1	07/20/21 10:30	07/26/21 16:12	91-20-3	
n-Propylbenzene	<13.8	ug/kg	57.6	13.8	1	07/20/21 10:30	07/26/21 16:12	103-65-1	
Styrene	16.3J	ug/kg	57.6	14.7	1	07/20/21 10:30	07/26/21 16:12	100-42-5	
1,1,1,2-Tetrachloroethane	<13.8	ug/kg	57.6	13.8	1	07/20/21 10:30	07/26/21 16:12	630-20-6	
1,1,2,2-Tetrachloroethane	<20.8	ug/kg	57.6	20.8	1	07/20/21 10:30	07/26/21 16:12	79-34-5	
Tetrachloroethene	<22.3	ug/kg	57.6	22.3	1	07/20/21 10:30	07/26/21 16:12	127-18-4	
Toluene	32.7J	ug/kg	57.6	14.5	1	07/20/21 10:30	07/26/21 16:12	108-88-3	
1,2,3-Trichlorobenzene	<64.1	ug/kg	288	64.1	1	07/20/21 10:30	07/26/21 16:12	87-61-6	
1,2,4-Trichlorobenzene	50.8J	ug/kg	288	47.4	1	07/20/21 10:30	07/26/21 16:12	120-82-1	
1,1,1-Trichloroethane	<14.7	ug/kg	57.6	14.7	1	07/20/21 10:30	07/26/21 16:12	71-55-6	
1,1,2-Trichloroethane	<21.0	ug/kg	57.6	21.0	1	07/20/21 10:30	07/26/21 16:12	79-00-5	
Trichloroethene	<21.5	ug/kg	57.6	21.5	1	07/20/21 10:30	07/26/21 16:12	79-01-6	
Trichlorofluoromethane	428	ug/kg	57.6	16.7	1	07/20/21 10:30	07/26/21 16:12	75-69-4	
1,2,3-Trichloropropane	<28.0	ug/kg	57.6	28.0	1	07/20/21 10:30	07/26/21 16:12	96-18-4	
1,2,4-Trimethylbenzene	36.2J	ug/kg	57.6	17.2	1	07/20/21 10:30	07/26/21 16:12	95-63-6	
1,3,5-Trimethylbenzene	<18.5	ug/kg	57.6	18.5	1	07/20/21 10:30	07/26/21 16:12	108-67-8	
Vinyl chloride	<11.6	ug/kg	57.6	11.6	1	07/20/21 10:30	07/26/21 16:12	75-01-4	
m&p-Xylene	60.6J	ug/kg	115	24.3	1	07/20/21 10:30	07/26/21 16:12	179601-23-1	
o-Xylene	32.2J	ug/kg	57.6	17.3	1	07/20/21 10:30	07/26/21 16:12	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	103	%	67-159		1	07/20/21 10:30	07/26/21 16:12	2037-26-5	
4-Bromofluorobenzene (S)	108	%	66-153		1	07/20/21 10:30	07/26/21 16:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	82-158		1	07/20/21 10:30	07/26/21 16:12	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	7.0	%	0.10	0.10	1		07/19/21 13:17		
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### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-9 (8)**      **Lab ID: 40230183010**      Collected: 07/15/21 17:02      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.3	ug/kg	56.8	17.3	1	07/19/21 13:33	07/20/21 13:54	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.3	ug/kg	56.8	17.3	1	07/19/21 13:33	07/20/21 13:54	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.3	ug/kg	56.8	17.3	1	07/19/21 13:33	07/20/21 13:54	11141-16-5	
PCB-1242 (Aroclor 1242)	181	ug/kg	56.8	17.3	1	07/19/21 13:33	07/20/21 13:54	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.3	ug/kg	56.8	17.3	1	07/19/21 13:33	07/20/21 13:54	12672-29-6	
PCB-1254 (Aroclor 1254)	60.7	ug/kg	56.8	17.3	1	07/19/21 13:33	07/20/21 13:54	11097-69-1	
PCB-1260 (Aroclor 1260)	<17.3	ug/kg	56.8	17.3	1	07/19/21 13:33	07/20/21 13:54	11096-82-5	
PCB, Total	242	ug/kg	56.8	17.3	1	07/19/21 13:33	07/20/21 13:54	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	69	%	67-102		1	07/19/21 13:33	07/20/21 13:54	877-09-8	
Decachlorobiphenyl (S)	64	%	47-114		1	07/19/21 13:33	07/20/21 13:54	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	32.7	mg/kg	4.0	1.2	1	07/21/21 09:42	07/22/21 08:52		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.8	mg/kg	2.7	1.6	1	07/21/21 06:59	07/21/21 19:29	7440-38-2	
Barium	67.8	mg/kg	0.54	0.16	1	07/21/21 06:59	07/21/21 19:29	7440-39-3	
Cadmium	0.24J	mg/kg	0.54	0.14	1	07/21/21 06:59	07/21/21 19:29	7440-43-9	
Chromium	35.4	mg/kg	1.1	0.30	1	07/21/21 06:59	07/21/21 19:29	7440-47-3	
Lead	25.7	mg/kg	2.2	0.65	1	07/21/21 06:59	07/21/21 19:29	7439-92-1	
Selenium	<1.4	mg/kg	4.3	1.4	1	07/21/21 06:59	07/21/21 19:29	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	07/21/21 06:59	07/21/21 19:29	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.075	mg/kg	0.038	0.011	1	07/21/21 12:00	07/22/21 10:40	7439-97-6	B
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	35.6J	ug/kg	75.9	9.8	4	07/28/21 09:01	07/29/21 16:32	83-32-9	
Acenaphthylene	<9.6	ug/kg	75.9	9.6	4	07/28/21 09:01	07/29/21 16:32	208-96-8	
Anthracene	27.6J	ug/kg	75.9	9.4	4	07/28/21 09:01	07/29/21 16:32	120-12-7	
Benzo(a)anthracene	31.1J	ug/kg	75.9	9.8	4	07/28/21 09:01	07/29/21 16:32	56-55-3	
Benzo(a)pyrene	80.9	ug/kg	75.9	8.6	4	07/28/21 09:01	07/29/21 16:32	50-32-8	
Benzo(b)fluoranthene	123	ug/kg	75.9	10.5	4	07/28/21 09:01	07/29/21 16:32	205-99-2	
Benzo(g,h,i)perylene	29.2J	ug/kg	75.9	13.3	4	07/28/21 09:01	07/29/21 16:32	191-24-2	
Benzo(k)fluoranthene	60.7J	ug/kg	75.9	9.7	4	07/28/21 09:01	07/29/21 16:32	207-08-9	
Chrysene	79.0	ug/kg	75.9	14.3	4	07/28/21 09:01	07/29/21 16:32	218-01-9	
Dibenz(a,h)anthracene	<10.5	ug/kg	75.9	10.5	4	07/28/21 09:01	07/29/21 16:32	53-70-3	
Fluoranthene	151	ug/kg	75.9	9.0	4	07/28/21 09:01	07/29/21 16:32	206-44-0	
Fluorene	34.4J	ug/kg	75.9	9.1	4	07/28/21 09:01	07/29/21 16:32	86-73-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-9 (8)**      **Lab ID: 40230183010**      Collected: 07/15/21 17:02      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>25.2J</b>	ug/kg	75.9	15.8	4	07/28/21 09:01	07/29/21 16:32	193-39-5	
1-Methylnaphthalene	<b>78.1</b>	ug/kg	75.9	11.1	4	07/28/21 09:01	07/29/21 16:32	90-12-0	
2-Methylnaphthalene	<b>118</b>	ug/kg	75.9	11.1	4	07/28/21 09:01	07/29/21 16:32	91-57-6	
Naphthalene	<b>157</b>	ug/kg	75.9	7.4	4	07/28/21 09:01	07/29/21 16:32	91-20-3	D3
Phenanthrene	<b>183</b>	ug/kg	75.9	8.7	4	07/28/21 09:01	07/29/21 16:32	85-01-8	
Pyrene	<b>142</b>	ug/kg	75.9	11.2	4	07/28/21 09:01	07/29/21 16:32	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	36-86		4	07/28/21 09:01	07/29/21 16:32	321-60-8	
Terphenyl-d14 (S)	66	%	41-97		4	07/28/21 09:01	07/29/21 16:32	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>57.8</b>	ug/kg	25.5	15.2	1	07/20/21 10:30	07/26/21 16:31	71-43-2	
Bromobenzene	<b>&lt;24.9</b>	ug/kg	63.8	24.9	1	07/20/21 10:30	07/26/21 16:31	108-86-1	
Bromochloromethane	<b>&lt;17.5</b>	ug/kg	63.8	17.5	1	07/20/21 10:30	07/26/21 16:31	74-97-5	
Bromodichloromethane	<b>&lt;15.2</b>	ug/kg	63.8	15.2	1	07/20/21 10:30	07/26/21 16:31	75-27-4	
Bromoform	<b>&lt;281</b>	ug/kg	319	281	1	07/20/21 10:30	07/26/21 16:31	75-25-2	
Bromomethane	<b>&lt;89.5</b>	ug/kg	319	89.5	1	07/20/21 10:30	07/26/21 16:31	74-83-9	
n-Butylbenzene	<b>&lt;29.2</b>	ug/kg	63.8	29.2	1	07/20/21 10:30	07/26/21 16:31	104-51-8	
sec-Butylbenzene	<b>&lt;15.6</b>	ug/kg	63.8	15.6	1	07/20/21 10:30	07/26/21 16:31	135-98-8	
tert-Butylbenzene	<b>&lt;20.0</b>	ug/kg	63.8	20.0	1	07/20/21 10:30	07/26/21 16:31	98-06-6	
Carbon tetrachloride	<b>&lt;14.0</b>	ug/kg	63.8	14.0	1	07/20/21 10:30	07/26/21 16:31	56-23-5	
Chlorobenzene	<b>&lt;7.6</b>	ug/kg	63.8	7.6	1	07/20/21 10:30	07/26/21 16:31	108-90-7	
Chloroethane	<b>111J</b>	ug/kg	319	26.9	1	07/20/21 10:30	07/26/21 16:31	75-00-3	
Chloroform	<b>&lt;45.7</b>	ug/kg	319	45.7	1	07/20/21 10:30	07/26/21 16:31	67-66-3	
Chloromethane	<b>&lt;24.2</b>	ug/kg	63.8	24.2	1	07/20/21 10:30	07/26/21 16:31	74-87-3	
2-Chlorotoluene	<b>&lt;20.7</b>	ug/kg	63.8	20.7	1	07/20/21 10:30	07/26/21 16:31	95-49-8	
4-Chlorotoluene	<b>&lt;24.2</b>	ug/kg	63.8	24.2	1	07/20/21 10:30	07/26/21 16:31	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;49.5</b>	ug/kg	319	49.5	1	07/20/21 10:30	07/26/21 16:31	96-12-8	
Dibromochloromethane	<b>&lt;218</b>	ug/kg	319	218	1	07/20/21 10:30	07/26/21 16:31	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;17.5</b>	ug/kg	63.8	17.5	1	07/20/21 10:30	07/26/21 16:31	106-93-4	
Dibromomethane	<b>&lt;18.9</b>	ug/kg	63.8	18.9	1	07/20/21 10:30	07/26/21 16:31	74-95-3	
1,2-Dichlorobenzene	<b>&lt;19.8</b>	ug/kg	63.8	19.8	1	07/20/21 10:30	07/26/21 16:31	95-50-1	
1,3-Dichlorobenzene	<b>&lt;17.5</b>	ug/kg	63.8	17.5	1	07/20/21 10:30	07/26/21 16:31	541-73-1	
1,4-Dichlorobenzene	<b>&lt;17.5</b>	ug/kg	63.8	17.5	1	07/20/21 10:30	07/26/21 16:31	106-46-7	
Dichlorodifluoromethane	<b>&lt;27.4</b>	ug/kg	63.8	27.4	1	07/20/21 10:30	07/26/21 16:31	75-71-8	
1,1-Dichloroethane	<b>251</b>	ug/kg	63.8	16.3	1	07/20/21 10:30	07/26/21 16:31	75-34-3	
1,2-Dichloroethane	<b>&lt;14.7</b>	ug/kg	63.8	14.7	1	07/20/21 10:30	07/26/21 16:31	107-06-2	
1,1-Dichloroethene	<b>&lt;21.2</b>	ug/kg	63.8	21.2	1	07/20/21 10:30	07/26/21 16:31	75-35-4	
cis-1,2-Dichloroethene	<b>67.7</b>	ug/kg	63.8	13.7	1	07/20/21 10:30	07/26/21 16:31	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;13.8</b>	ug/kg	63.8	13.8	1	07/20/21 10:30	07/26/21 16:31	156-60-5	
1,2-Dichloropropane	<b>&lt;15.2</b>	ug/kg	63.8	15.2	1	07/20/21 10:30	07/26/21 16:31	78-87-5	
1,3-Dichloropropane	<b>&lt;13.9</b>	ug/kg	63.8	13.9	1	07/20/21 10:30	07/26/21 16:31	142-28-9	
2,2-Dichloropropane	<b>&lt;17.2</b>	ug/kg	63.8	17.2	1	07/20/21 10:30	07/26/21 16:31	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-9 (8)**      **Lab ID: 40230183010**      Collected: 07/15/21 17:02      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<20.7	ug/kg	63.8	20.7	1	07/20/21 10:30	07/26/21 16:31	563-58-6	
cis-1,3-Dichloropropene	<42.1	ug/kg	319	42.1	1	07/20/21 10:30	07/26/21 16:31	10061-01-5	
trans-1,3-Dichloropropene	<183	ug/kg	319	183	1	07/20/21 10:30	07/26/21 16:31	10061-02-6	
Diisopropyl ether	<15.8	ug/kg	63.8	15.8	1	07/20/21 10:30	07/26/21 16:31	108-20-3	
Ethylbenzene	154	ug/kg	63.8	15.2	1	07/20/21 10:30	07/26/21 16:31	100-41-4	
Hexachloro-1,3-butadiene	<127	ug/kg	319	127	1	07/20/21 10:30	07/26/21 16:31	87-68-3	L2
Isopropylbenzene (Cumene)	<17.2	ug/kg	63.8	17.2	1	07/20/21 10:30	07/26/21 16:31	98-82-8	
p-Isopropyltoluene	<19.4	ug/kg	63.8	19.4	1	07/20/21 10:30	07/26/21 16:31	99-87-6	
Methylene Chloride	31.6J	ug/kg	63.8	17.7	1	07/20/21 10:30	07/26/21 16:31	75-09-2	
Methyl-tert-butyl ether	<18.8	ug/kg	63.8	18.8	1	07/20/21 10:30	07/26/21 16:31	1634-04-4	
Naphthalene	220J	ug/kg	319	19.9	1	07/20/21 10:30	07/26/21 16:31	91-20-3	
n-Propylbenzene	<15.3	ug/kg	63.8	15.3	1	07/20/21 10:30	07/26/21 16:31	103-65-1	
Styrene	<16.3	ug/kg	63.8	16.3	1	07/20/21 10:30	07/26/21 16:31	100-42-5	
1,1,1,2-Tetrachloroethane	<15.3	ug/kg	63.8	15.3	1	07/20/21 10:30	07/26/21 16:31	630-20-6	
1,1,2,2-Tetrachloroethane	<23.1	ug/kg	63.8	23.1	1	07/20/21 10:30	07/26/21 16:31	79-34-5	
Tetrachloroethene	<24.8	ug/kg	63.8	24.8	1	07/20/21 10:30	07/26/21 16:31	127-18-4	
Toluene	167	ug/kg	63.8	16.1	1	07/20/21 10:30	07/26/21 16:31	108-88-3	
1,2,3-Trichlorobenzene	<71.1	ug/kg	319	71.1	1	07/20/21 10:30	07/26/21 16:31	87-61-6	
1,2,4-Trichlorobenzene	<52.6	ug/kg	319	52.6	1	07/20/21 10:30	07/26/21 16:31	120-82-1	
1,1,1-Trichloroethane	<16.3	ug/kg	63.8	16.3	1	07/20/21 10:30	07/26/21 16:31	71-55-6	
1,1,2-Trichloroethane	<23.2	ug/kg	63.8	23.2	1	07/20/21 10:30	07/26/21 16:31	79-00-5	
Trichloroethene	85.0	ug/kg	63.8	23.9	1	07/20/21 10:30	07/26/21 16:31	79-01-6	
Trichlorofluoromethane	<18.5	ug/kg	63.8	18.5	1	07/20/21 10:30	07/26/21 16:31	75-69-4	
1,2,3-Trichloropropane	<31.0	ug/kg	63.8	31.0	1	07/20/21 10:30	07/26/21 16:31	96-18-4	
1,2,4-Trimethylbenzene	50.9J	ug/kg	63.8	19.0	1	07/20/21 10:30	07/26/21 16:31	95-63-6	
1,3,5-Trimethylbenzene	21.5J	ug/kg	63.8	20.5	1	07/20/21 10:30	07/26/21 16:31	108-67-8	
Vinyl chloride	38.5J	ug/kg	63.8	12.9	1	07/20/21 10:30	07/26/21 16:31	75-01-4	
m&p-Xylene	255	ug/kg	128	26.9	1	07/20/21 10:30	07/26/21 16:31	179601-23-1	
o-Xylene	153	ug/kg	63.8	19.1	1	07/20/21 10:30	07/26/21 16:31	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	103	%	67-159		1	07/20/21 10:30	07/26/21 16:31	2037-26-5	
4-Bromofluorobenzene (S)	102	%	66-153		1	07/20/21 10:30	07/26/21 16:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	82-158		1	07/20/21 10:30	07/26/21 16:31	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	12.1	%	0.10	0.10	1		07/19/21 13:17		
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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-10 (2)**      **Lab ID: 40230183011**      Collected: 07/15/21 17:04      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.1	ug/kg	56.3	17.1	1	07/19/21 13:33	07/20/21 19:39	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.1	ug/kg	56.3	17.1	1	07/19/21 13:33	07/20/21 19:39	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.1	ug/kg	56.3	17.1	1	07/19/21 13:33	07/20/21 19:39	11141-16-5	
PCB-1242 (Aroclor 1242)	<17.1	ug/kg	56.3	17.1	1	07/19/21 13:33	07/20/21 19:39	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.1	ug/kg	56.3	17.1	1	07/19/21 13:33	07/20/21 19:39	12672-29-6	
PCB-1254 (Aroclor 1254)	<17.1	ug/kg	56.3	17.1	1	07/19/21 13:33	07/20/21 19:39	11097-69-1	
PCB-1260 (Aroclor 1260)	<17.1	ug/kg	56.3	17.1	1	07/19/21 13:33	07/20/21 19:39	11096-82-5	
PCB, Total	<17.1	ug/kg	56.3	17.1	1	07/19/21 13:33	07/20/21 19:39	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	74	%	67-102		1	07/19/21 13:33	07/20/21 19:39	877-09-8	
Decachlorobiphenyl (S)	74	%	47-114		1	07/19/21 13:33	07/20/21 19:39	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	12.5	mg/kg	3.9	1.2	1	07/21/21 09:42	07/22/21 09:02		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<31.3	mg/kg	53.5	31.3	20	07/21/21 06:59	07/22/21 13:54	7440-38-2	D3
Barium	112	mg/kg	10.7	3.2	20	07/21/21 06:59	07/22/21 13:54	7440-39-3	
Cadmium	<2.8	mg/kg	10.7	2.8	20	07/21/21 06:59	07/22/21 13:54	7440-43-9	D3
Chromium	2400	mg/kg	21.4	5.9	20	07/21/21 06:59	07/22/21 13:54	7440-47-3	
Lead	<12.8	mg/kg	42.8	12.8	20	07/21/21 06:59	07/22/21 13:54	7439-92-1	D3
Selenium	<28.0	mg/kg	85.6	28.0	20	07/21/21 06:59	07/22/21 13:54	7782-49-2	D3
Silver	6.7J	mg/kg	21.4	6.6	20	07/21/21 06:59	07/22/21 13:54	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.044	mg/kg	0.035	0.010	1	07/21/21 12:00	07/22/21 10:42	7439-97-6	B
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<2.4	ug/kg	18.8	2.4	1	07/28/21 09:01	07/28/21 18:28	83-32-9	
Acenaphthylene	<2.4	ug/kg	18.8	2.4	1	07/28/21 09:01	07/28/21 18:28	208-96-8	
Anthracene	<2.3	ug/kg	18.8	2.3	1	07/28/21 09:01	07/28/21 18:28	120-12-7	
Benzo(a)anthracene	2.5J	ug/kg	18.8	2.4	1	07/28/21 09:01	07/28/21 18:28	56-55-3	
Benzo(a)pyrene	<2.1	ug/kg	18.8	2.1	1	07/28/21 09:01	07/28/21 18:28	50-32-8	
Benzo(b)fluoranthene	<2.6	ug/kg	18.8	2.6	1	07/28/21 09:01	07/28/21 18:28	205-99-2	
Benzo(g,h,i)perylene	<3.3	ug/kg	18.8	3.3	1	07/28/21 09:01	07/28/21 18:28	191-24-2	
Benzo(k)fluoranthene	<2.4	ug/kg	18.8	2.4	1	07/28/21 09:01	07/28/21 18:28	207-08-9	
Chrysene	<3.6	ug/kg	18.8	3.6	1	07/28/21 09:01	07/28/21 18:28	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	18.8	2.6	1	07/28/21 09:01	07/28/21 18:28	53-70-3	
Fluoranthene	3.8J	ug/kg	18.8	2.2	1	07/28/21 09:01	07/28/21 18:28	206-44-0	
Fluorene	<2.3	ug/kg	18.8	2.3	1	07/28/21 09:01	07/28/21 18:28	86-73-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-10 (2)**      **Lab ID: 40230183011**      Collected: 07/15/21 17:04      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<3.9	ug/kg	18.8	3.9	1	07/28/21 09:01	07/28/21 18:28	193-39-5	
1-Methylnaphthalene	<2.7	ug/kg	18.8	2.7	1	07/28/21 09:01	07/28/21 18:28	90-12-0	
2-Methylnaphthalene	<2.8	ug/kg	18.8	2.8	1	07/28/21 09:01	07/28/21 18:28	91-57-6	
Naphthalene	<1.8	ug/kg	18.8	1.8	1	07/28/21 09:01	07/28/21 18:28	91-20-3	
Phenanthrene	3.4J	ug/kg	18.8	2.2	1	07/28/21 09:01	07/28/21 18:28	85-01-8	
Pyrene	3.1J	ug/kg	18.8	2.8	1	07/28/21 09:01	07/28/21 18:28	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	68	%	36-86		1	07/28/21 09:01	07/28/21 18:28	321-60-8	
Terphenyl-d14 (S)	79	%	41-97		1	07/28/21 09:01	07/28/21 18:28	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<14.9	ug/kg	25.1	14.9	1	07/20/21 10:30	07/23/21 22:37	71-43-2	
Bromobenzene	<24.4	ug/kg	62.6	24.4	1	07/20/21 10:30	07/23/21 22:37	108-86-1	
Bromochloromethane	<17.2	ug/kg	62.6	17.2	1	07/20/21 10:30	07/23/21 22:37	74-97-5	
Bromodichloromethane	<14.9	ug/kg	62.6	14.9	1	07/20/21 10:30	07/23/21 22:37	75-27-4	
Bromoform	<276	ug/kg	313	276	1	07/20/21 10:30	07/23/21 22:37	75-25-2	
Bromomethane	<87.8	ug/kg	313	87.8	1	07/20/21 10:30	07/23/21 22:37	74-83-9	
n-Butylbenzene	<28.7	ug/kg	62.6	28.7	1	07/20/21 10:30	07/23/21 22:37	104-51-8	
sec-Butylbenzene	<15.3	ug/kg	62.6	15.3	1	07/20/21 10:30	07/23/21 22:37	135-98-8	
tert-Butylbenzene	<19.7	ug/kg	62.6	19.7	1	07/20/21 10:30	07/23/21 22:37	98-06-6	
Carbon tetrachloride	<13.8	ug/kg	62.6	13.8	1	07/20/21 10:30	07/23/21 22:37	56-23-5	
Chlorobenzene	<7.5	ug/kg	62.6	7.5	1	07/20/21 10:30	07/23/21 22:37	108-90-7	
Chloroethane	<26.4	ug/kg	313	26.4	1	07/20/21 10:30	07/23/21 22:37	75-00-3	
Chloroform	<44.8	ug/kg	313	44.8	1	07/20/21 10:30	07/23/21 22:37	67-66-3	
Chloromethane	<23.8	ug/kg	62.6	23.8	1	07/20/21 10:30	07/23/21 22:37	74-87-3	
2-Chlorotoluene	<20.3	ug/kg	62.6	20.3	1	07/20/21 10:30	07/23/21 22:37	95-49-8	
4-Chlorotoluene	<23.8	ug/kg	62.6	23.8	1	07/20/21 10:30	07/23/21 22:37	106-43-4	
1,2-Dibromo-3-chloropropane	<48.6	ug/kg	313	48.6	1	07/20/21 10:30	07/23/21 22:37	96-12-8	
Dibromochloromethane	<214	ug/kg	313	214	1	07/20/21 10:30	07/23/21 22:37	124-48-1	
1,2-Dibromoethane (EDB)	<17.2	ug/kg	62.6	17.2	1	07/20/21 10:30	07/23/21 22:37	106-93-4	
Dibromomethane	<18.5	ug/kg	62.6	18.5	1	07/20/21 10:30	07/23/21 22:37	74-95-3	
1,2-Dichlorobenzene	<19.4	ug/kg	62.6	19.4	1	07/20/21 10:30	07/23/21 22:37	95-50-1	
1,3-Dichlorobenzene	<17.2	ug/kg	62.6	17.2	1	07/20/21 10:30	07/23/21 22:37	541-73-1	
1,4-Dichlorobenzene	<17.2	ug/kg	62.6	17.2	1	07/20/21 10:30	07/23/21 22:37	106-46-7	
Dichlorodifluoromethane	<26.9	ug/kg	62.6	26.9	1	07/20/21 10:30	07/23/21 22:37	75-71-8	
1,1-Dichloroethane	<16.0	ug/kg	62.6	16.0	1	07/20/21 10:30	07/23/21 22:37	75-34-3	
1,2-Dichloroethane	<14.4	ug/kg	62.6	14.4	1	07/20/21 10:30	07/23/21 22:37	107-06-2	
1,1-Dichloroethene	<20.8	ug/kg	62.6	20.8	1	07/20/21 10:30	07/23/21 22:37	75-35-4	
cis-1,2-Dichloroethene	<13.4	ug/kg	62.6	13.4	1	07/20/21 10:30	07/23/21 22:37	156-59-2	
trans-1,2-Dichloroethene	<13.5	ug/kg	62.6	13.5	1	07/20/21 10:30	07/23/21 22:37	156-60-5	
1,2-Dichloropropane	<14.9	ug/kg	62.6	14.9	1	07/20/21 10:30	07/23/21 22:37	78-87-5	
1,3-Dichloropropane	<13.7	ug/kg	62.6	13.7	1	07/20/21 10:30	07/23/21 22:37	142-28-9	
2,2-Dichloropropane	<16.9	ug/kg	62.6	16.9	1	07/20/21 10:30	07/23/21 22:37	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-10 (2)**      **Lab ID: 40230183011**      Collected: 07/15/21 17:04      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<20.3	ug/kg	62.6	20.3	1	07/20/21 10:30	07/23/21 22:37	563-58-6	
cis-1,3-Dichloropropene	<41.3	ug/kg	313	41.3	1	07/20/21 10:30	07/23/21 22:37	10061-01-5	
trans-1,3-Dichloropropene	<179	ug/kg	313	179	1	07/20/21 10:30	07/23/21 22:37	10061-02-6	
Diisopropyl ether	<15.5	ug/kg	62.6	15.5	1	07/20/21 10:30	07/23/21 22:37	108-20-3	
Ethylbenzene	<14.9	ug/kg	62.6	14.9	1	07/20/21 10:30	07/23/21 22:37	100-41-4	
Hexachloro-1,3-butadiene	<125	ug/kg	313	125	1	07/20/21 10:30	07/23/21 22:37	87-68-3	L2
Isopropylbenzene (Cumene)	<16.9	ug/kg	62.6	16.9	1	07/20/21 10:30	07/23/21 22:37	98-82-8	
p-Isopropyltoluene	<19.0	ug/kg	62.6	19.0	1	07/20/21 10:30	07/23/21 22:37	99-87-6	
Methylene Chloride	<17.4	ug/kg	62.6	17.4	1	07/20/21 10:30	07/23/21 22:37	75-09-2	
Methyl-tert-butyl ether	<18.4	ug/kg	62.6	18.4	1	07/20/21 10:30	07/23/21 22:37	1634-04-4	
Naphthalene	<19.5	ug/kg	313	19.5	1	07/20/21 10:30	07/23/21 22:37	91-20-3	
n-Propylbenzene	<15.0	ug/kg	62.6	15.0	1	07/20/21 10:30	07/23/21 22:37	103-65-1	
Styrene	<16.0	ug/kg	62.6	16.0	1	07/20/21 10:30	07/23/21 22:37	100-42-5	
1,1,1,2-Tetrachloroethane	<15.0	ug/kg	62.6	15.0	1	07/20/21 10:30	07/23/21 22:37	630-20-6	
1,1,2,2-Tetrachloroethane	<22.7	ug/kg	62.6	22.7	1	07/20/21 10:30	07/23/21 22:37	79-34-5	
Tetrachloroethene	<24.3	ug/kg	62.6	24.3	1	07/20/21 10:30	07/23/21 22:37	127-18-4	
Toluene	<15.8	ug/kg	62.6	15.8	1	07/20/21 10:30	07/23/21 22:37	108-88-3	
1,2,3-Trichlorobenzene	<69.8	ug/kg	313	69.8	1	07/20/21 10:30	07/23/21 22:37	87-61-6	
1,2,4-Trichlorobenzene	<51.6	ug/kg	313	51.6	1	07/20/21 10:30	07/23/21 22:37	120-82-1	
1,1,1-Trichloroethane	<16.0	ug/kg	62.6	16.0	1	07/20/21 10:30	07/23/21 22:37	71-55-6	
1,1,2-Trichloroethane	<22.8	ug/kg	62.6	22.8	1	07/20/21 10:30	07/23/21 22:37	79-00-5	
Trichloroethene	<23.4	ug/kg	62.6	23.4	1	07/20/21 10:30	07/23/21 22:37	79-01-6	
Trichlorofluoromethane	<18.2	ug/kg	62.6	18.2	1	07/20/21 10:30	07/23/21 22:37	75-69-4	
1,2,3-Trichloropropane	<30.4	ug/kg	62.6	30.4	1	07/20/21 10:30	07/23/21 22:37	96-18-4	
1,2,4-Trimethylbenzene	<18.7	ug/kg	62.6	18.7	1	07/20/21 10:30	07/23/21 22:37	95-63-6	
1,3,5-Trimethylbenzene	<20.2	ug/kg	62.6	20.2	1	07/20/21 10:30	07/23/21 22:37	108-67-8	
Vinyl chloride	<12.7	ug/kg	62.6	12.7	1	07/20/21 10:30	07/23/21 22:37	75-01-4	
m&p-Xylene	<26.4	ug/kg	125	26.4	1	07/20/21 10:30	07/23/21 22:37	179601-23-1	
o-Xylene	<18.8	ug/kg	62.6	18.8	1	07/20/21 10:30	07/23/21 22:37	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	109	%	67-159		1	07/20/21 10:30	07/23/21 22:37	2037-26-5	
4-Bromofluorobenzene (S)	109	%	66-153		1	07/20/21 10:30	07/23/21 22:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	82-158		1	07/20/21 10:30	07/23/21 22:37	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	11.2	%	0.10	0.10	1		07/19/21 13:18		
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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-10 (6)**      **Lab ID: 40230183012**      Collected: 07/15/21 17:06      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<20.5	ug/kg	67.4	20.5	1	07/19/21 13:33	07/20/21 20:04	12674-11-2	
PCB-1221 (Aroclor 1221)	<20.5	ug/kg	67.4	20.5	1	07/19/21 13:33	07/20/21 20:04	11104-28-2	
PCB-1232 (Aroclor 1232)	<20.5	ug/kg	67.4	20.5	1	07/19/21 13:33	07/20/21 20:04	11141-16-5	
PCB-1242 (Aroclor 1242)	<20.5	ug/kg	67.4	20.5	1	07/19/21 13:33	07/20/21 20:04	53469-21-9	
PCB-1248 (Aroclor 1248)	<20.5	ug/kg	67.4	20.5	1	07/19/21 13:33	07/20/21 20:04	12672-29-6	
PCB-1254 (Aroclor 1254)	<20.5	ug/kg	67.4	20.5	1	07/19/21 13:33	07/20/21 20:04	11097-69-1	
PCB-1260 (Aroclor 1260)	<20.5	ug/kg	67.4	20.5	1	07/19/21 13:33	07/20/21 20:04	11096-82-5	
PCB, Total	<20.5	ug/kg	67.4	20.5	1	07/19/21 13:33	07/20/21 20:04	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	73	%	67-102		1	07/19/21 13:33	07/20/21 20:04	877-09-8	
Decachlorobiphenyl (S)	71	%	47-114		1	07/19/21 13:33	07/20/21 20:04	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	20.6	mg/kg	4.3	1.3	1	07/21/21 09:42	07/22/21 09:11		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<3.7	mg/kg	6.4	3.7	2	07/21/21 06:59	07/22/21 13:56	7440-38-2	D3
Barium	59.5	mg/kg	1.3	0.38	2	07/21/21 06:59	07/22/21 13:56	7440-39-3	
Cadmium	<0.34	mg/kg	1.3	0.34	2	07/21/21 06:59	07/22/21 13:56	7440-43-9	D3
Chromium	36.7	mg/kg	2.6	0.71	2	07/21/21 06:59	07/22/21 13:56	7440-47-3	
Lead	7.8	mg/kg	5.1	1.5	2	07/21/21 06:59	07/22/21 13:56	7439-92-1	
Selenium	<3.3	mg/kg	10.2	3.3	2	07/21/21 06:59	07/22/21 13:56	7782-49-2	D3
Silver	<0.78	mg/kg	2.6	0.78	2	07/21/21 06:59	07/22/21 13:56	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.068	mg/kg	0.044	0.013	1	07/21/21 12:00	07/22/21 10:45	7439-97-6	B
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	3.0J	ug/kg	22.6	2.9	1	07/28/21 09:01	07/28/21 18:45	83-32-9	
Acenaphthylene	<2.8	ug/kg	22.6	2.8	1	07/28/21 09:01	07/28/21 18:45	208-96-8	
Anthracene	<2.8	ug/kg	22.6	2.8	1	07/28/21 09:01	07/28/21 18:45	120-12-7	
Benzo(a)anthracene	5.2J	ug/kg	22.6	2.9	1	07/28/21 09:01	07/28/21 18:45	56-55-3	
Benzo(a)pyrene	3.4J	ug/kg	22.6	2.6	1	07/28/21 09:01	07/28/21 18:45	50-32-8	
Benzo(b)fluoranthene	5.8J	ug/kg	22.6	3.1	1	07/28/21 09:01	07/28/21 18:45	205-99-2	
Benzo(g,h,i)perylene	<4.0	ug/kg	22.6	4.0	1	07/28/21 09:01	07/28/21 18:45	191-24-2	
Benzo(k)fluoranthene	<2.9	ug/kg	22.6	2.9	1	07/28/21 09:01	07/28/21 18:45	207-08-9	
Chrysene	5.8J	ug/kg	22.6	4.3	1	07/28/21 09:01	07/28/21 18:45	218-01-9	
Dibenz(a,h)anthracene	<3.1	ug/kg	22.6	3.1	1	07/28/21 09:01	07/28/21 18:45	53-70-3	
Fluoranthene	8.5J	ug/kg	22.6	2.7	1	07/28/21 09:01	07/28/21 18:45	206-44-0	
Fluorene	<2.7	ug/kg	22.6	2.7	1	07/28/21 09:01	07/28/21 18:45	86-73-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-10 (6)**      **Lab ID: 40230183012**      Collected: 07/15/21 17:06      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<4.7	ug/kg	22.6	4.7	1	07/28/21 09:01	07/28/21 18:45	193-39-5	
1-Methylnaphthalene	<3.3	ug/kg	22.6	3.3	1	07/28/21 09:01	07/28/21 18:45	90-12-0	
2-Methylnaphthalene	<3.3	ug/kg	22.6	3.3	1	07/28/21 09:01	07/28/21 18:45	91-57-6	
Naphthalene	<2.2	ug/kg	22.6	2.2	1	07/28/21 09:01	07/28/21 18:45	91-20-3	
Phenanthrene	9.3J	ug/kg	22.6	2.6	1	07/28/21 09:01	07/28/21 18:45	85-01-8	
Pyrene	7.2J	ug/kg	22.6	3.3	1	07/28/21 09:01	07/28/21 18:45	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	64	%	36-86		1	07/28/21 09:01	07/28/21 18:45	321-60-8	
Terphenyl-d14 (S)	71	%	41-97		1	07/28/21 09:01	07/28/21 18:45	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<20.3	ug/kg	34.1	20.3	1	07/20/21 10:30	07/23/21 22:57	71-43-2	
Bromobenzene	<33.3	ug/kg	85.3	33.3	1	07/20/21 10:30	07/23/21 22:57	108-86-1	
Bromochloromethane	<23.4	ug/kg	85.3	23.4	1	07/20/21 10:30	07/23/21 22:57	74-97-5	
Bromodichloromethane	<20.3	ug/kg	85.3	20.3	1	07/20/21 10:30	07/23/21 22:57	75-27-4	
Bromoform	<375	ug/kg	426	375	1	07/20/21 10:30	07/23/21 22:57	75-25-2	
Bromomethane	<120	ug/kg	426	120	1	07/20/21 10:30	07/23/21 22:57	74-83-9	
n-Butylbenzene	<39.1	ug/kg	85.3	39.1	1	07/20/21 10:30	07/23/21 22:57	104-51-8	
sec-Butylbenzene	<20.8	ug/kg	85.3	20.8	1	07/20/21 10:30	07/23/21 22:57	135-98-8	
tert-Butylbenzene	<26.8	ug/kg	85.3	26.8	1	07/20/21 10:30	07/23/21 22:57	98-06-6	
Carbon tetrachloride	<18.8	ug/kg	85.3	18.8	1	07/20/21 10:30	07/23/21 22:57	56-23-5	
Chlorobenzene	<10.2	ug/kg	85.3	10.2	1	07/20/21 10:30	07/23/21 22:57	108-90-7	
Chloroethane	<36.0	ug/kg	426	36.0	1	07/20/21 10:30	07/23/21 22:57	75-00-3	
Chloroform	<61.1	ug/kg	426	61.1	1	07/20/21 10:30	07/23/21 22:57	67-66-3	
Chloromethane	<32.4	ug/kg	85.3	32.4	1	07/20/21 10:30	07/23/21 22:57	74-87-3	
2-Chlorotoluene	<27.6	ug/kg	85.3	27.6	1	07/20/21 10:30	07/23/21 22:57	95-49-8	
4-Chlorotoluene	<32.4	ug/kg	85.3	32.4	1	07/20/21 10:30	07/23/21 22:57	106-43-4	
1,2-Dibromo-3-chloropropane	<66.2	ug/kg	426	66.2	1	07/20/21 10:30	07/23/21 22:57	96-12-8	
Dibromochloromethane	<291	ug/kg	426	291	1	07/20/21 10:30	07/23/21 22:57	124-48-1	
1,2-Dibromoethane (EDB)	<23.4	ug/kg	85.3	23.4	1	07/20/21 10:30	07/23/21 22:57	106-93-4	
Dibromomethane	<25.2	ug/kg	85.3	25.2	1	07/20/21 10:30	07/23/21 22:57	74-95-3	
1,2-Dichlorobenzene	<26.4	ug/kg	85.3	26.4	1	07/20/21 10:30	07/23/21 22:57	95-50-1	
1,3-Dichlorobenzene	<23.4	ug/kg	85.3	23.4	1	07/20/21 10:30	07/23/21 22:57	541-73-1	
1,4-Dichlorobenzene	<23.4	ug/kg	85.3	23.4	1	07/20/21 10:30	07/23/21 22:57	106-46-7	
Dichlorodifluoromethane	<36.7	ug/kg	85.3	36.7	1	07/20/21 10:30	07/23/21 22:57	75-71-8	
1,1-Dichloroethane	<21.8	ug/kg	85.3	21.8	1	07/20/21 10:30	07/23/21 22:57	75-34-3	
1,2-Dichloroethane	<19.6	ug/kg	85.3	19.6	1	07/20/21 10:30	07/23/21 22:57	107-06-2	
1,1-Dichloroethene	<28.3	ug/kg	85.3	28.3	1	07/20/21 10:30	07/23/21 22:57	75-35-4	
cis-1,2-Dichloroethene	<18.2	ug/kg	85.3	18.2	1	07/20/21 10:30	07/23/21 22:57	156-59-2	
trans-1,2-Dichloroethene	<18.4	ug/kg	85.3	18.4	1	07/20/21 10:30	07/23/21 22:57	156-60-5	
1,2-Dichloropropane	<20.3	ug/kg	85.3	20.3	1	07/20/21 10:30	07/23/21 22:57	78-87-5	
1,3-Dichloropropane	<18.6	ug/kg	85.3	18.6	1	07/20/21 10:30	07/23/21 22:57	142-28-9	
2,2-Dichloropropane	<23.0	ug/kg	85.3	23.0	1	07/20/21 10:30	07/23/21 22:57	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-10 (6)**      **Lab ID: 40230183012**      Collected: 07/15/21 17:06      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<27.6	ug/kg	85.3	27.6	1	07/20/21 10:30	07/23/21 22:57	563-58-6	
cis-1,3-Dichloropropene	<56.3	ug/kg	426	56.3	1	07/20/21 10:30	07/23/21 22:57	10061-01-5	
trans-1,3-Dichloropropene	<244	ug/kg	426	244	1	07/20/21 10:30	07/23/21 22:57	10061-02-6	
Diisopropyl ether	<21.1	ug/kg	85.3	21.1	1	07/20/21 10:30	07/23/21 22:57	108-20-3	
Ethylbenzene	<20.3	ug/kg	85.3	20.3	1	07/20/21 10:30	07/23/21 22:57	100-41-4	
Hexachloro-1,3-butadiene	<170	ug/kg	426	170	1	07/20/21 10:30	07/23/21 22:57	87-68-3	L2
Isopropylbenzene (Cumene)	<23.0	ug/kg	85.3	23.0	1	07/20/21 10:30	07/23/21 22:57	98-82-8	
p-Isopropyltoluene	<25.9	ug/kg	85.3	25.9	1	07/20/21 10:30	07/23/21 22:57	99-87-6	
Methylene Chloride	<23.7	ug/kg	85.3	23.7	1	07/20/21 10:30	07/23/21 22:57	75-09-2	
Methyl-tert-butyl ether	<25.1	ug/kg	85.3	25.1	1	07/20/21 10:30	07/23/21 22:57	1634-04-4	
Naphthalene	<26.6	ug/kg	426	26.6	1	07/20/21 10:30	07/23/21 22:57	91-20-3	
n-Propylbenzene	<20.5	ug/kg	85.3	20.5	1	07/20/21 10:30	07/23/21 22:57	103-65-1	
Styrene	<21.8	ug/kg	85.3	21.8	1	07/20/21 10:30	07/23/21 22:57	100-42-5	
1,1,1,2-Tetrachloroethane	<20.5	ug/kg	85.3	20.5	1	07/20/21 10:30	07/23/21 22:57	630-20-6	
1,1,2,2-Tetrachloroethane	<30.9	ug/kg	85.3	30.9	1	07/20/21 10:30	07/23/21 22:57	79-34-5	
Tetrachloroethene	<33.1	ug/kg	85.3	33.1	1	07/20/21 10:30	07/23/21 22:57	127-18-4	
Toluene	<21.5	ug/kg	85.3	21.5	1	07/20/21 10:30	07/23/21 22:57	108-88-3	
1,2,3-Trichlorobenzene	<95.0	ug/kg	426	95.0	1	07/20/21 10:30	07/23/21 22:57	87-61-6	
1,2,4-Trichlorobenzene	<70.3	ug/kg	426	70.3	1	07/20/21 10:30	07/23/21 22:57	120-82-1	
1,1,1-Trichloroethane	<21.8	ug/kg	85.3	21.8	1	07/20/21 10:30	07/23/21 22:57	71-55-6	
1,1,2-Trichloroethane	<31.0	ug/kg	85.3	31.0	1	07/20/21 10:30	07/23/21 22:57	79-00-5	
Trichloroethene	<31.9	ug/kg	85.3	31.9	1	07/20/21 10:30	07/23/21 22:57	79-01-6	
Trichlorofluoromethane	<24.7	ug/kg	85.3	24.7	1	07/20/21 10:30	07/23/21 22:57	75-69-4	
1,2,3-Trichloropropane	<41.4	ug/kg	85.3	41.4	1	07/20/21 10:30	07/23/21 22:57	96-18-4	
1,2,4-Trimethylbenzene	<25.4	ug/kg	85.3	25.4	1	07/20/21 10:30	07/23/21 22:57	95-63-6	
1,3,5-Trimethylbenzene	<27.5	ug/kg	85.3	27.5	1	07/20/21 10:30	07/23/21 22:57	108-67-8	
Vinyl chloride	<17.2	ug/kg	85.3	17.2	1	07/20/21 10:30	07/23/21 22:57	75-01-4	
m&p-Xylene	<36.0	ug/kg	171	36.0	1	07/20/21 10:30	07/23/21 22:57	179601-23-1	
o-Xylene	<25.6	ug/kg	85.3	25.6	1	07/20/21 10:30	07/23/21 22:57	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	127	%	67-159		1	07/20/21 10:30	07/23/21 22:57	2037-26-5	
4-Bromofluorobenzene (S)	125	%	66-153		1	07/20/21 10:30	07/23/21 22:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	123	%	82-158		1	07/20/21 10:30	07/23/21 22:57	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>26.1</b>	%	0.10	0.10	1		07/19/21 13:18		
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### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Sample: **MEOH TRIP** Lab ID: **40230183013** Collected: 07/15/21 17:20 Received: 07/17/21 09:00 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<11.9	ug/kg	20.0	11.9	1	07/20/21 10:30	07/23/21 18:04	71-43-2	
Bromobenzene	<19.5	ug/kg	50.0	19.5	1	07/20/21 10:30	07/23/21 18:04	108-86-1	
Bromochloromethane	<13.7	ug/kg	50.0	13.7	1	07/20/21 10:30	07/23/21 18:04	74-97-5	
Bromodichloromethane	<11.9	ug/kg	50.0	11.9	1	07/20/21 10:30	07/23/21 18:04	75-27-4	
Bromoform	<220	ug/kg	250	220	1	07/20/21 10:30	07/23/21 18:04	75-25-2	
Bromomethane	<70.1	ug/kg	250	70.1	1	07/20/21 10:30	07/23/21 18:04	74-83-9	
n-Butylbenzene	<22.9	ug/kg	50.0	22.9	1	07/20/21 10:30	07/23/21 18:04	104-51-8	
sec-Butylbenzene	<12.2	ug/kg	50.0	12.2	1	07/20/21 10:30	07/23/21 18:04	135-98-8	
tert-Butylbenzene	<15.7	ug/kg	50.0	15.7	1	07/20/21 10:30	07/23/21 18:04	98-06-6	
Carbon tetrachloride	<11.0	ug/kg	50.0	11.0	1	07/20/21 10:30	07/23/21 18:04	56-23-5	
Chlorobenzene	<6.0	ug/kg	50.0	6.0	1	07/20/21 10:30	07/23/21 18:04	108-90-7	
Chloroethane	<21.1	ug/kg	250	21.1	1	07/20/21 10:30	07/23/21 18:04	75-00-3	
Chloroform	<35.8	ug/kg	250	35.8	1	07/20/21 10:30	07/23/21 18:04	67-66-3	
Chloromethane	<19.0	ug/kg	50.0	19.0	1	07/20/21 10:30	07/23/21 18:04	74-87-3	
2-Chlorotoluene	<16.2	ug/kg	50.0	16.2	1	07/20/21 10:30	07/23/21 18:04	95-49-8	
4-Chlorotoluene	<19.0	ug/kg	50.0	19.0	1	07/20/21 10:30	07/23/21 18:04	106-43-4	
1,2-Dibromo-3-chloropropane	<38.8	ug/kg	250	38.8	1	07/20/21 10:30	07/23/21 18:04	96-12-8	
Dibromochloromethane	<171	ug/kg	250	171	1	07/20/21 10:30	07/23/21 18:04	124-48-1	
1,2-Dibromoethane (EDB)	<13.7	ug/kg	50.0	13.7	1	07/20/21 10:30	07/23/21 18:04	106-93-4	
Dibromomethane	<14.8	ug/kg	50.0	14.8	1	07/20/21 10:30	07/23/21 18:04	74-95-3	
1,2-Dichlorobenzene	<15.5	ug/kg	50.0	15.5	1	07/20/21 10:30	07/23/21 18:04	95-50-1	
1,3-Dichlorobenzene	<13.7	ug/kg	50.0	13.7	1	07/20/21 10:30	07/23/21 18:04	541-73-1	
1,4-Dichlorobenzene	<13.7	ug/kg	50.0	13.7	1	07/20/21 10:30	07/23/21 18:04	106-46-7	
Dichlorodifluoromethane	<21.5	ug/kg	50.0	21.5	1	07/20/21 10:30	07/23/21 18:04	75-71-8	
1,1-Dichloroethane	<12.8	ug/kg	50.0	12.8	1	07/20/21 10:30	07/23/21 18:04	75-34-3	
1,2-Dichloroethane	<11.5	ug/kg	50.0	11.5	1	07/20/21 10:30	07/23/21 18:04	107-06-2	
1,1-Dichloroethene	<16.6	ug/kg	50.0	16.6	1	07/20/21 10:30	07/23/21 18:04	75-35-4	
cis-1,2-Dichloroethene	<10.7	ug/kg	50.0	10.7	1	07/20/21 10:30	07/23/21 18:04	156-59-2	
trans-1,2-Dichloroethene	<10.8	ug/kg	50.0	10.8	1	07/20/21 10:30	07/23/21 18:04	156-60-5	
1,2-Dichloropropane	<11.9	ug/kg	50.0	11.9	1	07/20/21 10:30	07/23/21 18:04	78-87-5	
1,3-Dichloropropane	<10.9	ug/kg	50.0	10.9	1	07/20/21 10:30	07/23/21 18:04	142-28-9	
2,2-Dichloropropane	<13.5	ug/kg	50.0	13.5	1	07/20/21 10:30	07/23/21 18:04	594-20-7	
1,1-Dichloropropene	<16.2	ug/kg	50.0	16.2	1	07/20/21 10:30	07/23/21 18:04	563-58-6	
cis-1,3-Dichloropropene	<33.0	ug/kg	250	33.0	1	07/20/21 10:30	07/23/21 18:04	10061-01-5	
trans-1,3-Dichloropropene	<143	ug/kg	250	143	1	07/20/21 10:30	07/23/21 18:04	10061-02-6	
Diisopropyl ether	<12.4	ug/kg	50.0	12.4	1	07/20/21 10:30	07/23/21 18:04	108-20-3	
Ethylbenzene	<11.9	ug/kg	50.0	11.9	1	07/20/21 10:30	07/23/21 18:04	100-41-4	
Hexachloro-1,3-butadiene	<99.4	ug/kg	250	99.4	1	07/20/21 10:30	07/23/21 18:04	87-68-3	L2
Isopropylbenzene (Cumene)	<13.5	ug/kg	50.0	13.5	1	07/20/21 10:30	07/23/21 18:04	98-82-8	
p-Isopropyltoluene	<15.2	ug/kg	50.0	15.2	1	07/20/21 10:30	07/23/21 18:04	99-87-6	
Methylene Chloride	<13.9	ug/kg	50.0	13.9	1	07/20/21 10:30	07/23/21 18:04	75-09-2	
Methyl-tert-butyl ether	<14.7	ug/kg	50.0	14.7	1	07/20/21 10:30	07/23/21 18:04	1634-04-4	
Naphthalene	<15.6	ug/kg	250	15.6	1	07/20/21 10:30	07/23/21 18:04	91-20-3	
n-Propylbenzene	<12.0	ug/kg	50.0	12.0	1	07/20/21 10:30	07/23/21 18:04	103-65-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: MEOH TRIP**      **Lab ID: 40230183013**      Collected: 07/15/21 17:20      Received: 07/17/21 09:00      Matrix: Solid

*Results reported on a "wet-weight" basis*

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Styrene	<12.8	ug/kg	50.0	12.8	1	07/20/21 10:30	07/23/21 18:04	100-42-5	
1,1,1,2-Tetrachloroethane	<12.0	ug/kg	50.0	12.0	1	07/20/21 10:30	07/23/21 18:04	630-20-6	
1,1,2,2-Tetrachloroethane	<18.1	ug/kg	50.0	18.1	1	07/20/21 10:30	07/23/21 18:04	79-34-5	
Tetrachloroethene	<19.4	ug/kg	50.0	19.4	1	07/20/21 10:30	07/23/21 18:04	127-18-4	
Toluene	<12.6	ug/kg	50.0	12.6	1	07/20/21 10:30	07/23/21 18:04	108-88-3	
1,2,3-Trichlorobenzene	<55.7	ug/kg	250	55.7	1	07/20/21 10:30	07/23/21 18:04	87-61-6	
1,2,4-Trichlorobenzene	<41.2	ug/kg	250	41.2	1	07/20/21 10:30	07/23/21 18:04	120-82-1	
1,1,1-Trichloroethane	<12.8	ug/kg	50.0	12.8	1	07/20/21 10:30	07/23/21 18:04	71-55-6	
1,1,2-Trichloroethane	<18.2	ug/kg	50.0	18.2	1	07/20/21 10:30	07/23/21 18:04	79-00-5	
Trichloroethene	<18.7	ug/kg	50.0	18.7	1	07/20/21 10:30	07/23/21 18:04	79-01-6	
Trichlorofluoromethane	<14.5	ug/kg	50.0	14.5	1	07/20/21 10:30	07/23/21 18:04	75-69-4	
1,2,3-Trichloropropane	<24.3	ug/kg	50.0	24.3	1	07/20/21 10:30	07/23/21 18:04	96-18-4	
1,2,4-Trimethylbenzene	<14.9	ug/kg	50.0	14.9	1	07/20/21 10:30	07/23/21 18:04	95-63-6	
1,3,5-Trimethylbenzene	<16.1	ug/kg	50.0	16.1	1	07/20/21 10:30	07/23/21 18:04	108-67-8	
Vinyl chloride	<10.1	ug/kg	50.0	10.1	1	07/20/21 10:30	07/23/21 18:04	75-01-4	
m&p-Xylene	<21.1	ug/kg	100	21.1	1	07/20/21 10:30	07/23/21 18:04	179601-23-1	
o-Xylene	<15.0	ug/kg	50.0	15.0	1	07/20/21 10:30	07/23/21 18:04	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	89	%	67-159		1	07/20/21 10:30	07/23/21 18:04	2037-26-5	
4-Bromofluorobenzene (S)	99	%	66-153		1	07/20/21 10:30	07/23/21 18:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	82-158		1	07/20/21 10:30	07/23/21 18:04	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-5 (2)**      **Lab ID: 40230183014**      Collected: 07/15/21 17:08      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<19.5	ug/kg	64.1	19.5	1	07/19/21 13:33	07/20/21 20:28	12674-11-2	
PCB-1221 (Aroclor 1221)	<19.5	ug/kg	64.1	19.5	1	07/19/21 13:33	07/20/21 20:28	11104-28-2	
PCB-1232 (Aroclor 1232)	<19.5	ug/kg	64.1	19.5	1	07/19/21 13:33	07/20/21 20:28	11141-16-5	
PCB-1242 (Aroclor 1242)	62.9J	ug/kg	64.1	19.5	1	07/19/21 13:33	07/20/21 20:28	53469-21-9	
PCB-1248 (Aroclor 1248)	<19.5	ug/kg	64.1	19.5	1	07/19/21 13:33	07/20/21 20:28	12672-29-6	
PCB-1254 (Aroclor 1254)	45.0J	ug/kg	64.1	19.5	1	07/19/21 13:33	07/20/21 20:28	11097-69-1	
PCB-1260 (Aroclor 1260)	47.6J	ug/kg	64.1	19.5	1	07/19/21 13:33	07/20/21 20:28	11096-82-5	
PCB, Total	156	ug/kg	64.1	19.5	1	07/19/21 13:33	07/20/21 20:28	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	72	%	67-102		1	07/19/21 13:33	07/20/21 20:28	877-09-8	
Decachlorobiphenyl (S)	68	%	47-114		1	07/19/21 13:33	07/20/21 20:28	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	69.5	mg/kg	4.9	1.5	1	07/21/21 09:42	07/22/21 09:20		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	11.3	mg/kg	3.0	1.7	1	07/21/21 06:59	07/21/21 19:41	7440-38-2	
Barium	118	mg/kg	0.60	0.18	1	07/21/21 06:59	07/21/21 19:41	7440-39-3	
Cadmium	0.69	mg/kg	0.60	0.16	1	07/21/21 06:59	07/21/21 19:41	7440-43-9	
Chromium	37.0	mg/kg	1.2	0.33	1	07/21/21 06:59	07/21/21 19:41	7440-47-3	
Lead	39.4	mg/kg	2.4	0.71	1	07/21/21 06:59	07/21/21 19:41	7439-92-1	
Selenium	<1.6	mg/kg	4.8	1.6	1	07/21/21 06:59	07/21/21 19:41	7782-49-2	
Silver	<0.37	mg/kg	1.2	0.37	1	07/21/21 06:59	07/21/21 19:41	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.13	mg/kg	0.043	0.012	1	07/21/21 12:00	07/22/21 10:47	7439-97-6	B
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	6.5J	ug/kg	21.3	2.8	1	07/28/21 09:01	07/29/21 16:49	83-32-9	
Acenaphthylene	15.2J	ug/kg	21.3	2.7	1	07/28/21 09:01	07/29/21 16:49	208-96-8	
Anthracene	24.6	ug/kg	21.3	2.6	1	07/28/21 09:01	07/29/21 16:49	120-12-7	
Benzo(a)anthracene	64.8	ug/kg	21.3	2.8	1	07/28/21 09:01	07/29/21 16:49	56-55-3	
Benzo(a)pyrene	66.4	ug/kg	21.3	2.4	1	07/28/21 09:01	07/29/21 16:49	50-32-8	
Benzo(b)fluoranthene	117	ug/kg	21.3	3.0	1	07/28/21 09:01	07/29/21 16:49	205-99-2	
Benzo(g,h,i)perylene	31.2	ug/kg	21.3	3.7	1	07/28/21 09:01	07/29/21 16:49	191-24-2	
Benzo(k)fluoranthene	55.7	ug/kg	21.3	2.7	1	07/28/21 09:01	07/29/21 16:49	207-08-9	
Chrysene	91.4	ug/kg	21.3	4.0	1	07/28/21 09:01	07/29/21 16:49	218-01-9	
Dibenz(a,h)anthracene	11.1J	ug/kg	21.3	3.0	1	07/28/21 09:01	07/29/21 16:49	53-70-3	
Fluoranthene	129	ug/kg	21.3	2.5	1	07/28/21 09:01	07/29/21 16:49	206-44-0	
Fluorene	6.4J	ug/kg	21.3	2.6	1	07/28/21 09:01	07/29/21 16:49	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-5 (2)**      **Lab ID: 40230183014**      Collected: 07/15/21 17:08      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>25.8</b>	ug/kg	21.3	4.4	1	07/28/21 09:01	07/29/21 16:49	193-39-5	
1-Methylnaphthalene	<b>15.6J</b>	ug/kg	21.3	3.1	1	07/28/21 09:01	07/29/21 16:49	90-12-0	
2-Methylnaphthalene	<b>24.6</b>	ug/kg	21.3	3.1	1	07/28/21 09:01	07/29/21 16:49	91-57-6	
Naphthalene	<b>29.4</b>	ug/kg	21.3	2.1	1	07/28/21 09:01	07/29/21 16:49	91-20-3	
Phenanthrene	<b>83.6</b>	ug/kg	21.3	2.4	1	07/28/21 09:01	07/29/21 16:49	85-01-8	
Pyrene	<b>122</b>	ug/kg	21.3	3.1	1	07/28/21 09:01	07/29/21 16:49	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	36-86		1	07/28/21 09:01	07/29/21 16:49	321-60-8	
Terphenyl-d14 (S)	67	%	41-97		1	07/28/21 09:01	07/29/21 16:49	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;18.5</b>	ug/kg	31.2	18.5	1	07/20/21 10:30	07/23/21 23:16	71-43-2	
Bromobenzene	<b>&lt;30.4</b>	ug/kg	77.9	30.4	1	07/20/21 10:30	07/23/21 23:16	108-86-1	
Bromochloromethane	<b>&lt;21.4</b>	ug/kg	77.9	21.4	1	07/20/21 10:30	07/23/21 23:16	74-97-5	
Bromodichloromethane	<b>&lt;18.5</b>	ug/kg	77.9	18.5	1	07/20/21 10:30	07/23/21 23:16	75-27-4	
Bromoform	<b>&lt;343</b>	ug/kg	390	343	1	07/20/21 10:30	07/23/21 23:16	75-25-2	
Bromomethane	<b>&lt;109</b>	ug/kg	390	109	1	07/20/21 10:30	07/23/21 23:16	74-83-9	
n-Butylbenzene	<b>&lt;35.7</b>	ug/kg	77.9	35.7	1	07/20/21 10:30	07/23/21 23:16	104-51-8	
sec-Butylbenzene	<b>&lt;19.0</b>	ug/kg	77.9	19.0	1	07/20/21 10:30	07/23/21 23:16	135-98-8	
tert-Butylbenzene	<b>&lt;24.5</b>	ug/kg	77.9	24.5	1	07/20/21 10:30	07/23/21 23:16	98-06-6	
Carbon tetrachloride	<b>&lt;17.1</b>	ug/kg	77.9	17.1	1	07/20/21 10:30	07/23/21 23:16	56-23-5	
Chlorobenzene	<b>&lt;9.3</b>	ug/kg	77.9	9.3	1	07/20/21 10:30	07/23/21 23:16	108-90-7	
Chloroethane	<b>&lt;32.9</b>	ug/kg	390	32.9	1	07/20/21 10:30	07/23/21 23:16	75-00-3	
Chloroform	<b>&lt;55.8</b>	ug/kg	390	55.8	1	07/20/21 10:30	07/23/21 23:16	67-66-3	
Chloromethane	<b>&lt;29.6</b>	ug/kg	77.9	29.6	1	07/20/21 10:30	07/23/21 23:16	74-87-3	
2-Chlorotoluene	<b>&lt;25.3</b>	ug/kg	77.9	25.3	1	07/20/21 10:30	07/23/21 23:16	95-49-8	
4-Chlorotoluene	<b>&lt;29.6</b>	ug/kg	77.9	29.6	1	07/20/21 10:30	07/23/21 23:16	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;60.5</b>	ug/kg	390	60.5	1	07/20/21 10:30	07/23/21 23:16	96-12-8	
Dibromochloromethane	<b>&lt;266</b>	ug/kg	390	266	1	07/20/21 10:30	07/23/21 23:16	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;21.4</b>	ug/kg	77.9	21.4	1	07/20/21 10:30	07/23/21 23:16	106-93-4	
Dibromomethane	<b>&lt;23.1</b>	ug/kg	77.9	23.1	1	07/20/21 10:30	07/23/21 23:16	74-95-3	
1,2-Dichlorobenzene	<b>&lt;24.2</b>	ug/kg	77.9	24.2	1	07/20/21 10:30	07/23/21 23:16	95-50-1	
1,3-Dichlorobenzene	<b>&lt;21.4</b>	ug/kg	77.9	21.4	1	07/20/21 10:30	07/23/21 23:16	541-73-1	
1,4-Dichlorobenzene	<b>&lt;21.4</b>	ug/kg	77.9	21.4	1	07/20/21 10:30	07/23/21 23:16	106-46-7	
Dichlorodifluoromethane	<b>&lt;33.5</b>	ug/kg	77.9	33.5	1	07/20/21 10:30	07/23/21 23:16	75-71-8	
1,1-Dichloroethane	<b>&lt;20.0</b>	ug/kg	77.9	20.0	1	07/20/21 10:30	07/23/21 23:16	75-34-3	
1,2-Dichloroethane	<b>&lt;17.9</b>	ug/kg	77.9	17.9	1	07/20/21 10:30	07/23/21 23:16	107-06-2	
1,1-Dichloroethene	<b>&lt;25.9</b>	ug/kg	77.9	25.9	1	07/20/21 10:30	07/23/21 23:16	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;16.7</b>	ug/kg	77.9	16.7	1	07/20/21 10:30	07/23/21 23:16	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;16.8</b>	ug/kg	77.9	16.8	1	07/20/21 10:30	07/23/21 23:16	156-60-5	
1,2-Dichloropropane	<b>&lt;18.5</b>	ug/kg	77.9	18.5	1	07/20/21 10:30	07/23/21 23:16	78-87-5	
1,3-Dichloropropane	<b>&lt;17.0</b>	ug/kg	77.9	17.0	1	07/20/21 10:30	07/23/21 23:16	142-28-9	
2,2-Dichloropropane	<b>&lt;21.0</b>	ug/kg	77.9	21.0	1	07/20/21 10:30	07/23/21 23:16	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-5 (2)**      **Lab ID: 40230183014**      Collected: 07/15/21 17:08      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<25.3	ug/kg	77.9	25.3	1	07/20/21 10:30	07/23/21 23:16	563-58-6	
cis-1,3-Dichloropropene	<51.4	ug/kg	390	51.4	1	07/20/21 10:30	07/23/21 23:16	10061-01-5	
trans-1,3-Dichloropropene	<223	ug/kg	390	223	1	07/20/21 10:30	07/23/21 23:16	10061-02-6	
Diisopropyl ether	<19.3	ug/kg	77.9	19.3	1	07/20/21 10:30	07/23/21 23:16	108-20-3	
Ethylbenzene	<18.5	ug/kg	77.9	18.5	1	07/20/21 10:30	07/23/21 23:16	100-41-4	
Hexachloro-1,3-butadiene	<155	ug/kg	390	155	1	07/20/21 10:30	07/23/21 23:16	87-68-3	L2
Isopropylbenzene (Cumene)	<21.0	ug/kg	77.9	21.0	1	07/20/21 10:30	07/23/21 23:16	98-82-8	
p-Isopropyltoluene	<23.7	ug/kg	77.9	23.7	1	07/20/21 10:30	07/23/21 23:16	99-87-6	
Methylene Chloride	<21.7	ug/kg	77.9	21.7	1	07/20/21 10:30	07/23/21 23:16	75-09-2	
Methyl-tert-butyl ether	<22.9	ug/kg	77.9	22.9	1	07/20/21 10:30	07/23/21 23:16	1634-04-4	
Naphthalene	<24.3	ug/kg	390	24.3	1	07/20/21 10:30	07/23/21 23:16	91-20-3	
n-Propylbenzene	<18.7	ug/kg	77.9	18.7	1	07/20/21 10:30	07/23/21 23:16	103-65-1	
Styrene	<20.0	ug/kg	77.9	20.0	1	07/20/21 10:30	07/23/21 23:16	100-42-5	
1,1,1,2-Tetrachloroethane	<18.7	ug/kg	77.9	18.7	1	07/20/21 10:30	07/23/21 23:16	630-20-6	
1,1,2,2-Tetrachloroethane	<28.2	ug/kg	77.9	28.2	1	07/20/21 10:30	07/23/21 23:16	79-34-5	
Tetrachloroethene	<30.2	ug/kg	77.9	30.2	1	07/20/21 10:30	07/23/21 23:16	127-18-4	
Toluene	<19.6	ug/kg	77.9	19.6	1	07/20/21 10:30	07/23/21 23:16	108-88-3	
1,2,3-Trichlorobenzene	<86.8	ug/kg	390	86.8	1	07/20/21 10:30	07/23/21 23:16	87-61-6	
1,2,4-Trichlorobenzene	<64.2	ug/kg	390	64.2	1	07/20/21 10:30	07/23/21 23:16	120-82-1	
1,1,1-Trichloroethane	<20.0	ug/kg	77.9	20.0	1	07/20/21 10:30	07/23/21 23:16	71-55-6	
1,1,2-Trichloroethane	<28.4	ug/kg	77.9	28.4	1	07/20/21 10:30	07/23/21 23:16	79-00-5	
Trichloroethene	<29.1	ug/kg	77.9	29.1	1	07/20/21 10:30	07/23/21 23:16	79-01-6	
Trichlorofluoromethane	<22.6	ug/kg	77.9	22.6	1	07/20/21 10:30	07/23/21 23:16	75-69-4	
1,2,3-Trichloropropane	<37.9	ug/kg	77.9	37.9	1	07/20/21 10:30	07/23/21 23:16	96-18-4	
1,2,4-Trimethylbenzene	<23.2	ug/kg	77.9	23.2	1	07/20/21 10:30	07/23/21 23:16	95-63-6	
1,3,5-Trimethylbenzene	<25.1	ug/kg	77.9	25.1	1	07/20/21 10:30	07/23/21 23:16	108-67-8	
Vinyl chloride	<15.7	ug/kg	77.9	15.7	1	07/20/21 10:30	07/23/21 23:16	75-01-4	
m&p-Xylene	<32.9	ug/kg	156	32.9	1	07/20/21 10:30	07/23/21 23:16	179601-23-1	
o-Xylene	<23.4	ug/kg	77.9	23.4	1	07/20/21 10:30	07/23/21 23:16	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	143	%	67-159		1	07/20/21 10:30	07/23/21 23:16	2037-26-5	
4-Bromofluorobenzene (S)	138	%	66-153		1	07/20/21 10:30	07/23/21 23:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	133	%	82-158		1	07/20/21 10:30	07/23/21 23:16	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>21.8</b>	%	0.10	0.10	1		07/19/21 13:18		
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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-5 (5)**      **Lab ID: 40230183015**      Collected: 07/15/21 17:10      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<19.5	ug/kg	63.9	19.5	1	07/19/21 13:33	07/20/21 20:53	12674-11-2	
PCB-1221 (Aroclor 1221)	<19.5	ug/kg	63.9	19.5	1	07/19/21 13:33	07/20/21 20:53	11104-28-2	
PCB-1232 (Aroclor 1232)	<19.5	ug/kg	63.9	19.5	1	07/19/21 13:33	07/20/21 20:53	11141-16-5	
PCB-1242 (Aroclor 1242)	<19.5	ug/kg	63.9	19.5	1	07/19/21 13:33	07/20/21 20:53	53469-21-9	
PCB-1248 (Aroclor 1248)	<19.5	ug/kg	63.9	19.5	1	07/19/21 13:33	07/20/21 20:53	12672-29-6	
PCB-1254 (Aroclor 1254)	<19.5	ug/kg	63.9	19.5	1	07/19/21 13:33	07/20/21 20:53	11097-69-1	
PCB-1260 (Aroclor 1260)	<19.5	ug/kg	63.9	19.5	1	07/19/21 13:33	07/20/21 20:53	11096-82-5	
PCB, Total	<19.5	ug/kg	63.9	19.5	1	07/19/21 13:33	07/20/21 20:53	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	68	%	67-102		1	07/19/21 13:33	07/20/21 20:53	877-09-8	
Decachlorobiphenyl (S)	72	%	47-114		1	07/19/21 13:33	07/20/21 20:53	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	<1.2	mg/kg	4.0	1.2	1	07/21/21 09:42	07/22/21 11:29		
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	12.0	mg/kg	2.9	1.7	1	07/21/21 06:59	07/21/21 19:43	7440-38-2	
Barium	111	mg/kg	0.58	0.18	1	07/21/21 06:59	07/21/21 19:43	7440-39-3	
Cadmium	<0.16	mg/kg	0.58	0.16	1	07/21/21 06:59	07/21/21 19:43	7440-43-9	
Chromium	31.2	mg/kg	1.2	0.32	1	07/21/21 06:59	07/21/21 19:43	7440-47-3	
Lead	14.5	mg/kg	2.3	0.70	1	07/21/21 06:59	07/21/21 19:43	7439-92-1	
Selenium	<1.5	mg/kg	4.7	1.5	1	07/21/21 06:59	07/21/21 19:43	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	07/21/21 06:59	07/21/21 19:43	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.093	mg/kg	0.041	0.012	1	07/21/21 12:00	07/22/21 10:49	7439-97-6	B
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	115	ug/kg	21.3	2.8	1	07/28/21 09:01	07/28/21 19:02	83-32-9	
Acenaphthylene	<2.7	ug/kg	21.3	2.7	1	07/28/21 09:01	07/28/21 19:02	208-96-8	
Anthracene	16.7J	ug/kg	21.3	2.6	1	07/28/21 09:01	07/28/21 19:02	120-12-7	
Benzo(a)anthracene	19.4J	ug/kg	21.3	2.8	1	07/28/21 09:01	07/28/21 19:02	56-55-3	
Benzo(a)pyrene	15.5J	ug/kg	21.3	2.4	1	07/28/21 09:01	07/28/21 19:02	50-32-8	
Benzo(b)fluoranthene	28.1	ug/kg	21.3	3.0	1	07/28/21 09:01	07/28/21 19:02	205-99-2	
Benzo(g,h,i)perylene	13.5J	ug/kg	21.3	3.7	1	07/28/21 09:01	07/28/21 19:02	191-24-2	
Benzo(k)fluoranthene	9.8J	ug/kg	21.3	2.7	1	07/28/21 09:01	07/28/21 19:02	207-08-9	
Chrysene	23.4	ug/kg	21.3	4.0	1	07/28/21 09:01	07/28/21 19:02	218-01-9	
Dibenz(a,h)anthracene	3.4J	ug/kg	21.3	2.9	1	07/28/21 09:01	07/28/21 19:02	53-70-3	
Fluoranthene	74.2	ug/kg	21.3	2.5	1	07/28/21 09:01	07/28/21 19:02	206-44-0	
Fluorene	67.1	ug/kg	21.3	2.6	1	07/28/21 09:01	07/28/21 19:02	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-5 (5)**      **Lab ID: 40230183015**      Collected: 07/15/21 17:10      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>10.6J</b>	ug/kg	21.3	4.4	1	07/28/21 09:01	07/28/21 19:02	193-39-5	
1-Methylnaphthalene	<b>11.9J</b>	ug/kg	21.3	3.1	1	07/28/21 09:01	07/28/21 19:02	90-12-0	
2-Methylnaphthalene	<b>18.3J</b>	ug/kg	21.3	3.1	1	07/28/21 09:01	07/28/21 19:02	91-57-6	
Naphthalene	<b>7.6J</b>	ug/kg	21.3	2.1	1	07/28/21 09:01	07/28/21 19:02	91-20-3	
Phenanthrene	<b>173</b>	ug/kg	21.3	2.4	1	07/28/21 09:01	07/28/21 19:02	85-01-8	
Pyrene	<b>53.7</b>	ug/kg	21.3	3.1	1	07/28/21 09:01	07/28/21 19:02	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	65	%	36-86		1	07/28/21 09:01	07/28/21 19:02	321-60-8	
Terphenyl-d14 (S)	73	%	41-97		1	07/28/21 09:01	07/28/21 19:02	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;18.4</b>	ug/kg	31.0	18.4	1	07/20/21 10:30	07/23/21 23:36	71-43-2	
Bromobenzene	<b>&lt;30.2</b>	ug/kg	77.5	30.2	1	07/20/21 10:30	07/23/21 23:36	108-86-1	
Bromochloromethane	<b>&lt;21.2</b>	ug/kg	77.5	21.2	1	07/20/21 10:30	07/23/21 23:36	74-97-5	
Bromodichloromethane	<b>&lt;18.4</b>	ug/kg	77.5	18.4	1	07/20/21 10:30	07/23/21 23:36	75-27-4	
Bromoform	<b>&lt;341</b>	ug/kg	387	341	1	07/20/21 10:30	07/23/21 23:36	75-25-2	
Bromomethane	<b>&lt;109</b>	ug/kg	387	109	1	07/20/21 10:30	07/23/21 23:36	74-83-9	
n-Butylbenzene	<b>&lt;35.5</b>	ug/kg	77.5	35.5	1	07/20/21 10:30	07/23/21 23:36	104-51-8	
sec-Butylbenzene	<b>&lt;18.9</b>	ug/kg	77.5	18.9	1	07/20/21 10:30	07/23/21 23:36	135-98-8	
tert-Butylbenzene	<b>&lt;24.3</b>	ug/kg	77.5	24.3	1	07/20/21 10:30	07/23/21 23:36	98-06-6	
Carbon tetrachloride	<b>&lt;17.0</b>	ug/kg	77.5	17.0	1	07/20/21 10:30	07/23/21 23:36	56-23-5	
Chlorobenzene	<b>&lt;9.3</b>	ug/kg	77.5	9.3	1	07/20/21 10:30	07/23/21 23:36	108-90-7	
Chloroethane	<b>&lt;32.7</b>	ug/kg	387	32.7	1	07/20/21 10:30	07/23/21 23:36	75-00-3	
Chloroform	<b>&lt;55.5</b>	ug/kg	387	55.5	1	07/20/21 10:30	07/23/21 23:36	67-66-3	
Chloromethane	<b>&lt;29.4</b>	ug/kg	77.5	29.4	1	07/20/21 10:30	07/23/21 23:36	74-87-3	
2-Chlorotoluene	<b>&lt;25.1</b>	ug/kg	77.5	25.1	1	07/20/21 10:30	07/23/21 23:36	95-49-8	
4-Chlorotoluene	<b>&lt;29.4</b>	ug/kg	77.5	29.4	1	07/20/21 10:30	07/23/21 23:36	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;60.1</b>	ug/kg	387	60.1	1	07/20/21 10:30	07/23/21 23:36	96-12-8	
Dibromochloromethane	<b>&lt;265</b>	ug/kg	387	265	1	07/20/21 10:30	07/23/21 23:36	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;21.2</b>	ug/kg	77.5	21.2	1	07/20/21 10:30	07/23/21 23:36	106-93-4	
Dibromomethane	<b>&lt;22.9</b>	ug/kg	77.5	22.9	1	07/20/21 10:30	07/23/21 23:36	74-95-3	
1,2-Dichlorobenzene	<b>&lt;24.0</b>	ug/kg	77.5	24.0	1	07/20/21 10:30	07/23/21 23:36	95-50-1	
1,3-Dichlorobenzene	<b>&lt;21.2</b>	ug/kg	77.5	21.2	1	07/20/21 10:30	07/23/21 23:36	541-73-1	
1,4-Dichlorobenzene	<b>&lt;21.2</b>	ug/kg	77.5	21.2	1	07/20/21 10:30	07/23/21 23:36	106-46-7	
Dichlorodifluoromethane	<b>&lt;33.3</b>	ug/kg	77.5	33.3	1	07/20/21 10:30	07/23/21 23:36	75-71-8	
1,1-Dichloroethane	<b>&lt;19.8</b>	ug/kg	77.5	19.8	1	07/20/21 10:30	07/23/21 23:36	75-34-3	
1,2-Dichloroethane	<b>&lt;17.8</b>	ug/kg	77.5	17.8	1	07/20/21 10:30	07/23/21 23:36	107-06-2	
1,1-Dichloroethene	<b>&lt;25.7</b>	ug/kg	77.5	25.7	1	07/20/21 10:30	07/23/21 23:36	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;16.6</b>	ug/kg	77.5	16.6	1	07/20/21 10:30	07/23/21 23:36	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;16.7</b>	ug/kg	77.5	16.7	1	07/20/21 10:30	07/23/21 23:36	156-60-5	
1,2-Dichloropropane	<b>&lt;18.4</b>	ug/kg	77.5	18.4	1	07/20/21 10:30	07/23/21 23:36	78-87-5	
1,3-Dichloropropane	<b>&lt;16.9</b>	ug/kg	77.5	16.9	1	07/20/21 10:30	07/23/21 23:36	142-28-9	
2,2-Dichloropropane	<b>&lt;20.9</b>	ug/kg	77.5	20.9	1	07/20/21 10:30	07/23/21 23:36	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-5 (5)**      **Lab ID: 40230183015**      Collected: 07/15/21 17:10      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<25.1	ug/kg	77.5	25.1	1	07/20/21 10:30	07/23/21 23:36	563-58-6	
cis-1,3-Dichloropropene	<51.1	ug/kg	387	51.1	1	07/20/21 10:30	07/23/21 23:36	10061-01-5	
trans-1,3-Dichloropropene	<222	ug/kg	387	222	1	07/20/21 10:30	07/23/21 23:36	10061-02-6	
Diisopropyl ether	<19.2	ug/kg	77.5	19.2	1	07/20/21 10:30	07/23/21 23:36	108-20-3	
Ethylbenzene	<18.4	ug/kg	77.5	18.4	1	07/20/21 10:30	07/23/21 23:36	100-41-4	
Hexachloro-1,3-butadiene	<154	ug/kg	387	154	1	07/20/21 10:30	07/23/21 23:36	87-68-3	L2
Isopropylbenzene (Cumene)	<20.9	ug/kg	77.5	20.9	1	07/20/21 10:30	07/23/21 23:36	98-82-8	
p-Isopropyltoluene	<23.6	ug/kg	77.5	23.6	1	07/20/21 10:30	07/23/21 23:36	99-87-6	
Methylene Chloride	<21.5	ug/kg	77.5	21.5	1	07/20/21 10:30	07/23/21 23:36	75-09-2	
Methyl-tert-butyl ether	<22.8	ug/kg	77.5	22.8	1	07/20/21 10:30	07/23/21 23:36	1634-04-4	
Naphthalene	<24.2	ug/kg	387	24.2	1	07/20/21 10:30	07/23/21 23:36	91-20-3	
n-Propylbenzene	<18.6	ug/kg	77.5	18.6	1	07/20/21 10:30	07/23/21 23:36	103-65-1	
Styrene	<19.8	ug/kg	77.5	19.8	1	07/20/21 10:30	07/23/21 23:36	100-42-5	
1,1,1,2-Tetrachloroethane	<18.6	ug/kg	77.5	18.6	1	07/20/21 10:30	07/23/21 23:36	630-20-6	
1,1,1,2,2-Tetrachloroethane	<28.1	ug/kg	77.5	28.1	1	07/20/21 10:30	07/23/21 23:36	79-34-5	
Tetrachloroethene	<30.1	ug/kg	77.5	30.1	1	07/20/21 10:30	07/23/21 23:36	127-18-4	
Toluene	<19.5	ug/kg	77.5	19.5	1	07/20/21 10:30	07/23/21 23:36	108-88-3	
1,2,3-Trichlorobenzene	<86.3	ug/kg	387	86.3	1	07/20/21 10:30	07/23/21 23:36	87-61-6	
1,2,4-Trichlorobenzene	<63.9	ug/kg	387	63.9	1	07/20/21 10:30	07/23/21 23:36	120-82-1	
1,1,1-Trichloroethane	<19.8	ug/kg	77.5	19.8	1	07/20/21 10:30	07/23/21 23:36	71-55-6	
1,1,2-Trichloroethane	<28.2	ug/kg	77.5	28.2	1	07/20/21 10:30	07/23/21 23:36	79-00-5	
Trichloroethene	<29.0	ug/kg	77.5	29.0	1	07/20/21 10:30	07/23/21 23:36	79-01-6	
Trichlorofluoromethane	<22.5	ug/kg	77.5	22.5	1	07/20/21 10:30	07/23/21 23:36	75-69-4	
1,2,3-Trichloropropane	<37.7	ug/kg	77.5	37.7	1	07/20/21 10:30	07/23/21 23:36	96-18-4	
1,2,4-Trimethylbenzene	<23.1	ug/kg	77.5	23.1	1	07/20/21 10:30	07/23/21 23:36	95-63-6	
1,3,5-Trimethylbenzene	<25.0	ug/kg	77.5	25.0	1	07/20/21 10:30	07/23/21 23:36	108-67-8	
Vinyl chloride	<15.7	ug/kg	77.5	15.7	1	07/20/21 10:30	07/23/21 23:36	75-01-4	
m&p-Xylene	<32.7	ug/kg	155	32.7	1	07/20/21 10:30	07/23/21 23:36	179601-23-1	
o-Xylene	<23.2	ug/kg	77.5	23.2	1	07/20/21 10:30	07/23/21 23:36	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	116	%	67-159		1	07/20/21 10:30	07/23/21 23:36	2037-26-5	
4-Bromofluorobenzene (S)	112	%	66-153		1	07/20/21 10:30	07/23/21 23:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	82-158		1	07/20/21 10:30	07/23/21 23:36	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>21.6</b>	%	0.10	0.10	1		07/19/21 13:18		
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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-1 (2)**      **Lab ID: 40230183016**      Collected: 07/15/21 17:12      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<18.2	ug/kg	59.7	18.2	1	07/19/21 13:33	07/20/21 14:19	12674-11-2	
PCB-1221 (Aroclor 1221)	<18.2	ug/kg	59.7	18.2	1	07/19/21 13:33	07/20/21 14:19	11104-28-2	
PCB-1232 (Aroclor 1232)	<18.2	ug/kg	59.7	18.2	1	07/19/21 13:33	07/20/21 14:19	11141-16-5	
PCB-1242 (Aroclor 1242)	<18.2	ug/kg	59.7	18.2	1	07/19/21 13:33	07/20/21 14:19	53469-21-9	
PCB-1248 (Aroclor 1248)	<18.2	ug/kg	59.7	18.2	1	07/19/21 13:33	07/20/21 14:19	12672-29-6	
PCB-1254 (Aroclor 1254)	<18.2	ug/kg	59.7	18.2	1	07/19/21 13:33	07/20/21 14:19	11097-69-1	
PCB-1260 (Aroclor 1260)	<18.2	ug/kg	59.7	18.2	1	07/19/21 13:33	07/20/21 14:19	11096-82-5	
PCB, Total	<18.2	ug/kg	59.7	18.2	1	07/19/21 13:33	07/20/21 14:19	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	71	%	67-102		1	07/19/21 13:33	07/20/21 14:19	877-09-8	
Decachlorobiphenyl (S)	71	%	47-114		1	07/19/21 13:33	07/20/21 14:19	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	1.8J	mg/kg	4.3	1.3	1	07/21/21 09:42	07/22/21 09:38		
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.6	mg/kg	2.9	1.7	1	07/21/21 06:59	07/21/21 19:46	7440-38-2	
Barium	46.0	mg/kg	0.58	0.18	1	07/21/21 06:59	07/21/21 19:46	7440-39-3	
Cadmium	<0.16	mg/kg	0.58	0.16	1	07/21/21 06:59	07/21/21 19:46	7440-43-9	
Chromium	21.9	mg/kg	1.2	0.32	1	07/21/21 06:59	07/21/21 19:46	7440-47-3	
Lead	8.4	mg/kg	2.3	0.70	1	07/21/21 06:59	07/21/21 19:46	7439-92-1	
Selenium	<1.5	mg/kg	4.7	1.5	1	07/21/21 06:59	07/21/21 19:46	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	07/21/21 06:59	07/21/21 19:46	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.078	mg/kg	0.037	0.011	1	07/21/21 12:00	07/22/21 10:52	7439-97-6	B
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<16.4	ug/kg	27.6	16.4	1	07/20/21 10:30	07/23/21 18:24	71-43-2	
Bromobenzene	<26.9	ug/kg	69.0	26.9	1	07/20/21 10:30	07/23/21 18:24	108-86-1	
Bromochloromethane	<18.9	ug/kg	69.0	18.9	1	07/20/21 10:30	07/23/21 18:24	74-97-5	
Bromodichloromethane	<16.4	ug/kg	69.0	16.4	1	07/20/21 10:30	07/23/21 18:24	75-27-4	
Bromoform	<304	ug/kg	345	304	1	07/20/21 10:30	07/23/21 18:24	75-25-2	
Bromomethane	<96.7	ug/kg	345	96.7	1	07/20/21 10:30	07/23/21 18:24	74-83-9	
n-Butylbenzene	<31.6	ug/kg	69.0	31.6	1	07/20/21 10:30	07/23/21 18:24	104-51-8	
sec-Butylbenzene	<16.8	ug/kg	69.0	16.8	1	07/20/21 10:30	07/23/21 18:24	135-98-8	
tert-Butylbenzene	<21.7	ug/kg	69.0	21.7	1	07/20/21 10:30	07/23/21 18:24	98-06-6	
Carbon tetrachloride	<15.2	ug/kg	69.0	15.2	1	07/20/21 10:30	07/23/21 18:24	56-23-5	
Chlorobenzene	<8.3	ug/kg	69.0	8.3	1	07/20/21 10:30	07/23/21 18:24	108-90-7	
Chloroethane	<29.1	ug/kg	345	29.1	1	07/20/21 10:30	07/23/21 18:24	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-1 (2)**      **Lab ID: 40230183016**      Collected: 07/15/21 17:12      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay							
Chloroform	<49.4	ug/kg	345	49.4	1	07/20/21 10:30	07/23/21 18:24	67-66-3	
Chloromethane	<26.2	ug/kg	69.0	26.2	1	07/20/21 10:30	07/23/21 18:24	74-87-3	
2-Chlorotoluene	<22.4	ug/kg	69.0	22.4	1	07/20/21 10:30	07/23/21 18:24	95-49-8	
4-Chlorotoluene	<26.2	ug/kg	69.0	26.2	1	07/20/21 10:30	07/23/21 18:24	106-43-4	
1,2-Dibromo-3-chloropropane	<53.5	ug/kg	345	53.5	1	07/20/21 10:30	07/23/21 18:24	96-12-8	
Dibromochloromethane	<236	ug/kg	345	236	1	07/20/21 10:30	07/23/21 18:24	124-48-1	
1,2-Dibromoethane (EDB)	<18.9	ug/kg	69.0	18.9	1	07/20/21 10:30	07/23/21 18:24	106-93-4	
Dibromomethane	<20.4	ug/kg	69.0	20.4	1	07/20/21 10:30	07/23/21 18:24	74-95-3	
1,2-Dichlorobenzene	<21.4	ug/kg	69.0	21.4	1	07/20/21 10:30	07/23/21 18:24	95-50-1	
1,3-Dichlorobenzene	<18.9	ug/kg	69.0	18.9	1	07/20/21 10:30	07/23/21 18:24	541-73-1	
1,4-Dichlorobenzene	<18.9	ug/kg	69.0	18.9	1	07/20/21 10:30	07/23/21 18:24	106-46-7	
Dichlorodifluoromethane	<29.7	ug/kg	69.0	29.7	1	07/20/21 10:30	07/23/21 18:24	75-71-8	
1,1-Dichloroethane	<17.7	ug/kg	69.0	17.7	1	07/20/21 10:30	07/23/21 18:24	75-34-3	
1,2-Dichloroethane	<15.9	ug/kg	69.0	15.9	1	07/20/21 10:30	07/23/21 18:24	107-06-2	
1,1-Dichloroethene	<22.9	ug/kg	69.0	22.9	1	07/20/21 10:30	07/23/21 18:24	75-35-4	
cis-1,2-Dichloroethene	<14.8	ug/kg	69.0	14.8	1	07/20/21 10:30	07/23/21 18:24	156-59-2	
trans-1,2-Dichloroethene	<14.9	ug/kg	69.0	14.9	1	07/20/21 10:30	07/23/21 18:24	156-60-5	
1,2-Dichloropropane	<16.4	ug/kg	69.0	16.4	1	07/20/21 10:30	07/23/21 18:24	78-87-5	
1,3-Dichloropropane	<15.0	ug/kg	69.0	15.0	1	07/20/21 10:30	07/23/21 18:24	142-28-9	
2,2-Dichloropropane	<18.6	ug/kg	69.0	18.6	1	07/20/21 10:30	07/23/21 18:24	594-20-7	
1,1-Dichloropropene	<22.4	ug/kg	69.0	22.4	1	07/20/21 10:30	07/23/21 18:24	563-58-6	
cis-1,3-Dichloropropene	<45.5	ug/kg	345	45.5	1	07/20/21 10:30	07/23/21 18:24	10061-01-5	
trans-1,3-Dichloropropene	<197	ug/kg	345	197	1	07/20/21 10:30	07/23/21 18:24	10061-02-6	
Diisopropyl ether	<17.1	ug/kg	69.0	17.1	1	07/20/21 10:30	07/23/21 18:24	108-20-3	
Ethylbenzene	<16.4	ug/kg	69.0	16.4	1	07/20/21 10:30	07/23/21 18:24	100-41-4	
Hexachloro-1,3-butadiene	<137	ug/kg	345	137	1	07/20/21 10:30	07/23/21 18:24	87-68-3	L2
Isopropylbenzene (Cumene)	<18.6	ug/kg	69.0	18.6	1	07/20/21 10:30	07/23/21 18:24	98-82-8	
p-Isopropyltoluene	<21.0	ug/kg	69.0	21.0	1	07/20/21 10:30	07/23/21 18:24	99-87-6	
Methylene Chloride	<19.2	ug/kg	69.0	19.2	1	07/20/21 10:30	07/23/21 18:24	75-09-2	
Methyl-tert-butyl ether	<20.3	ug/kg	69.0	20.3	1	07/20/21 10:30	07/23/21 18:24	1634-04-4	
Naphthalene	<21.5	ug/kg	345	21.5	1	07/20/21 10:30	07/23/21 18:24	91-20-3	
n-Propylbenzene	<16.6	ug/kg	69.0	16.6	1	07/20/21 10:30	07/23/21 18:24	103-65-1	
Styrene	<17.7	ug/kg	69.0	17.7	1	07/20/21 10:30	07/23/21 18:24	100-42-5	
1,1,1,2-Tetrachloroethane	<16.6	ug/kg	69.0	16.6	1	07/20/21 10:30	07/23/21 18:24	630-20-6	
1,1,1,2,2-Tetrachloroethane	<25.0	ug/kg	69.0	25.0	1	07/20/21 10:30	07/23/21 18:24	79-34-5	
Tetrachloroethene	<26.8	ug/kg	69.0	26.8	1	07/20/21 10:30	07/23/21 18:24	127-18-4	
Toluene	<17.4	ug/kg	69.0	17.4	1	07/20/21 10:30	07/23/21 18:24	108-88-3	
1,2,3-Trichlorobenzene	<76.9	ug/kg	345	76.9	1	07/20/21 10:30	07/23/21 18:24	87-61-6	
1,2,4-Trichlorobenzene	<56.9	ug/kg	345	56.9	1	07/20/21 10:30	07/23/21 18:24	120-82-1	
1,1,1-Trichloroethane	<17.7	ug/kg	69.0	17.7	1	07/20/21 10:30	07/23/21 18:24	71-55-6	
1,1,2-Trichloroethane	<25.1	ug/kg	69.0	25.1	1	07/20/21 10:30	07/23/21 18:24	79-00-5	
Trichloroethene	<25.8	ug/kg	69.0	25.8	1	07/20/21 10:30	07/23/21 18:24	79-01-6	
Trichlorofluoromethane	<20.0	ug/kg	69.0	20.0	1	07/20/21 10:30	07/23/21 18:24	75-69-4	
1,2,3-Trichloropropane	<33.5	ug/kg	69.0	33.5	1	07/20/21 10:30	07/23/21 18:24	96-18-4	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-1 (2)**      **Lab ID: 40230183016**      Collected: 07/15/21 17:12      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,4-Trimethylbenzene	<20.6	ug/kg	69.0	20.6	1	07/20/21 10:30	07/23/21 18:24	95-63-6	
1,3,5-Trimethylbenzene	<22.2	ug/kg	69.0	22.2	1	07/20/21 10:30	07/23/21 18:24	108-67-8	
Vinyl chloride	<13.9	ug/kg	69.0	13.9	1	07/20/21 10:30	07/23/21 18:24	75-01-4	
m&p-Xylene	<29.1	ug/kg	138	29.1	1	07/20/21 10:30	07/23/21 18:24	179601-23-1	
o-Xylene	<20.7	ug/kg	69.0	20.7	1	07/20/21 10:30	07/23/21 18:24	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	121	%	67-159		1	07/20/21 10:30	07/23/21 18:24	2037-26-5	
4-Bromofluorobenzene (S)	120	%	66-153		1	07/20/21 10:30	07/23/21 18:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	115	%	82-158		1	07/20/21 10:30	07/23/21 18:24	2199-69-1	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	<b>16.0</b>	%	0.10	0.10	1		07/19/21 14:58		

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-1 (5)**      **Lab ID: 40230183017**      Collected: 07/15/21 17:14      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.3	ug/kg	56.7	17.3	1	07/19/21 13:33	07/20/21 21:17	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.3	ug/kg	56.7	17.3	1	07/19/21 13:33	07/20/21 21:17	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.3	ug/kg	56.7	17.3	1	07/19/21 13:33	07/20/21 21:17	11141-16-5	
PCB-1242 (Aroclor 1242)	<17.3	ug/kg	56.7	17.3	1	07/19/21 13:33	07/20/21 21:17	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.3	ug/kg	56.7	17.3	1	07/19/21 13:33	07/20/21 21:17	12672-29-6	
PCB-1254 (Aroclor 1254)	<17.3	ug/kg	56.7	17.3	1	07/19/21 13:33	07/20/21 21:17	11097-69-1	
PCB-1260 (Aroclor 1260)	<17.3	ug/kg	56.7	17.3	1	07/19/21 13:33	07/20/21 21:17	11096-82-5	
PCB, Total	<17.3	ug/kg	56.7	17.3	1	07/19/21 13:33	07/20/21 21:17	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	75	%	67-102		1	07/19/21 13:33	07/20/21 21:17	877-09-8	
Decachlorobiphenyl (S)	76	%	47-114		1	07/19/21 13:33	07/20/21 21:17	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	<b>1.2J</b>	mg/kg	3.6	1.1	1	07/21/21 09:42	07/22/21 09:47		
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>4.6</b>	mg/kg	2.8	1.6	1	07/21/21 06:59	07/21/21 19:48	7440-38-2	
Barium	<b>35.7</b>	mg/kg	0.56	0.17	1	07/21/21 06:59	07/21/21 19:48	7440-39-3	
Cadmium	<0.15	mg/kg	0.56	0.15	1	07/21/21 06:59	07/21/21 19:48	7440-43-9	
Chromium	<b>17.7</b>	mg/kg	1.1	0.31	1	07/21/21 06:59	07/21/21 19:48	7440-47-3	
Lead	<b>7.4</b>	mg/kg	2.2	0.67	1	07/21/21 06:59	07/21/21 19:48	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	07/21/21 06:59	07/21/21 19:48	7782-49-2	
Silver	<0.34	mg/kg	1.1	0.34	1	07/21/21 06:59	07/21/21 19:48	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.062</b>	mg/kg	0.037	0.011	1	07/21/21 12:00	07/22/21 10:54	7439-97-6	B
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<15.0	ug/kg	25.3	15.0	1	07/20/21 10:30	07/23/21 18:43	71-43-2	
Bromobenzene	<24.7	ug/kg	63.2	24.7	1	07/20/21 10:30	07/23/21 18:43	108-86-1	
Bromochloromethane	<17.3	ug/kg	63.2	17.3	1	07/20/21 10:30	07/23/21 18:43	74-97-5	
Bromodichloromethane	<15.0	ug/kg	63.2	15.0	1	07/20/21 10:30	07/23/21 18:43	75-27-4	
Bromoform	<278	ug/kg	316	278	1	07/20/21 10:30	07/23/21 18:43	75-25-2	
Bromomethane	<88.6	ug/kg	316	88.6	1	07/20/21 10:30	07/23/21 18:43	74-83-9	
n-Butylbenzene	<29.0	ug/kg	63.2	29.0	1	07/20/21 10:30	07/23/21 18:43	104-51-8	
sec-Butylbenzene	<15.4	ug/kg	63.2	15.4	1	07/20/21 10:30	07/23/21 18:43	135-98-8	
tert-Butylbenzene	<19.9	ug/kg	63.2	19.9	1	07/20/21 10:30	07/23/21 18:43	98-06-6	
Carbon tetrachloride	<13.9	ug/kg	63.2	13.9	1	07/20/21 10:30	07/23/21 18:43	56-23-5	
Chlorobenzene	<7.6	ug/kg	63.2	7.6	1	07/20/21 10:30	07/23/21 18:43	108-90-7	
Chloroethane	<26.7	ug/kg	316	26.7	1	07/20/21 10:30	07/23/21 18:43	75-00-3	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Sample: P-1 (5) Lab ID: 40230183017 Collected: 07/15/21 17:14 Received: 07/17/21 09:00 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
<b>8260 MSV Med Level Normal List</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay							
Chloroform	<45.3	ug/kg	316	45.3	1	07/20/21 10:30	07/23/21 18:43	67-66-3	
Chloromethane	<24.0	ug/kg	63.2	24.0	1	07/20/21 10:30	07/23/21 18:43	74-87-3	
2-Chlorotoluene	<20.5	ug/kg	63.2	20.5	1	07/20/21 10:30	07/23/21 18:43	95-49-8	
4-Chlorotoluene	<24.0	ug/kg	63.2	24.0	1	07/20/21 10:30	07/23/21 18:43	106-43-4	
1,2-Dibromo-3-chloropropane	<49.1	ug/kg	316	49.1	1	07/20/21 10:30	07/23/21 18:43	96-12-8	
Dibromochloromethane	<216	ug/kg	316	216	1	07/20/21 10:30	07/23/21 18:43	124-48-1	
1,2-Dibromoethane (EDB)	<17.3	ug/kg	63.2	17.3	1	07/20/21 10:30	07/23/21 18:43	106-93-4	
Dibromomethane	<18.7	ug/kg	63.2	18.7	1	07/20/21 10:30	07/23/21 18:43	74-95-3	
1,2-Dichlorobenzene	<19.6	ug/kg	63.2	19.6	1	07/20/21 10:30	07/23/21 18:43	95-50-1	
1,3-Dichlorobenzene	<17.3	ug/kg	63.2	17.3	1	07/20/21 10:30	07/23/21 18:43	541-73-1	
1,4-Dichlorobenzene	<17.3	ug/kg	63.2	17.3	1	07/20/21 10:30	07/23/21 18:43	106-46-7	
Dichlorodifluoromethane	<27.2	ug/kg	63.2	27.2	1	07/20/21 10:30	07/23/21 18:43	75-71-8	
1,1-Dichloroethane	<16.2	ug/kg	63.2	16.2	1	07/20/21 10:30	07/23/21 18:43	75-34-3	
1,2-Dichloroethane	<14.5	ug/kg	63.2	14.5	1	07/20/21 10:30	07/23/21 18:43	107-06-2	
1,1-Dichloroethene	<21.0	ug/kg	63.2	21.0	1	07/20/21 10:30	07/23/21 18:43	75-35-4	
cis-1,2-Dichloroethene	77.0	ug/kg	63.2	13.5	1	07/20/21 10:30	07/23/21 18:43	156-59-2	
trans-1,2-Dichloroethene	<13.7	ug/kg	63.2	13.7	1	07/20/21 10:30	07/23/21 18:43	156-60-5	
1,2-Dichloropropane	<15.0	ug/kg	63.2	15.0	1	07/20/21 10:30	07/23/21 18:43	78-87-5	
1,3-Dichloropropane	<13.8	ug/kg	63.2	13.8	1	07/20/21 10:30	07/23/21 18:43	142-28-9	
2,2-Dichloropropane	<17.1	ug/kg	63.2	17.1	1	07/20/21 10:30	07/23/21 18:43	594-20-7	
1,1-Dichloropropene	<20.5	ug/kg	63.2	20.5	1	07/20/21 10:30	07/23/21 18:43	563-58-6	
cis-1,3-Dichloropropene	<41.7	ug/kg	316	41.7	1	07/20/21 10:30	07/23/21 18:43	10061-01-5	
trans-1,3-Dichloropropene	<181	ug/kg	316	181	1	07/20/21 10:30	07/23/21 18:43	10061-02-6	
Diisopropyl ether	<15.7	ug/kg	63.2	15.7	1	07/20/21 10:30	07/23/21 18:43	108-20-3	
Ethylbenzene	<15.0	ug/kg	63.2	15.0	1	07/20/21 10:30	07/23/21 18:43	100-41-4	
Hexachloro-1,3-butadiene	<126	ug/kg	316	126	1	07/20/21 10:30	07/23/21 18:43	87-68-3	L2
Isopropylbenzene (Cumene)	<17.1	ug/kg	63.2	17.1	1	07/20/21 10:30	07/23/21 18:43	98-82-8	
p-Isopropyltoluene	<19.2	ug/kg	63.2	19.2	1	07/20/21 10:30	07/23/21 18:43	99-87-6	
Methylene Chloride	<17.6	ug/kg	63.2	17.6	1	07/20/21 10:30	07/23/21 18:43	75-09-2	
Methyl-tert-butyl ether	<18.6	ug/kg	63.2	18.6	1	07/20/21 10:30	07/23/21 18:43	1634-04-4	
Naphthalene	<19.7	ug/kg	316	19.7	1	07/20/21 10:30	07/23/21 18:43	91-20-3	
n-Propylbenzene	<15.2	ug/kg	63.2	15.2	1	07/20/21 10:30	07/23/21 18:43	103-65-1	
Styrene	<16.2	ug/kg	63.2	16.2	1	07/20/21 10:30	07/23/21 18:43	100-42-5	
1,1,1,2-Tetrachloroethane	<15.2	ug/kg	63.2	15.2	1	07/20/21 10:30	07/23/21 18:43	630-20-6	
1,1,1,2,2-Tetrachloroethane	<22.9	ug/kg	63.2	22.9	1	07/20/21 10:30	07/23/21 18:43	79-34-5	
Tetrachloroethene	<24.5	ug/kg	63.2	24.5	1	07/20/21 10:30	07/23/21 18:43	127-18-4	
Toluene	<15.9	ug/kg	63.2	15.9	1	07/20/21 10:30	07/23/21 18:43	108-88-3	
1,2,3-Trichlorobenzene	<70.4	ug/kg	316	70.4	1	07/20/21 10:30	07/23/21 18:43	87-61-6	
1,2,4-Trichlorobenzene	<52.1	ug/kg	316	52.1	1	07/20/21 10:30	07/23/21 18:43	120-82-1	
1,1,1-Trichloroethane	<16.2	ug/kg	63.2	16.2	1	07/20/21 10:30	07/23/21 18:43	71-55-6	
1,1,2-Trichloroethane	<23.0	ug/kg	63.2	23.0	1	07/20/21 10:30	07/23/21 18:43	79-00-5	
Trichloroethene	281	ug/kg	63.2	23.6	1	07/20/21 10:30	07/23/21 18:43	79-01-6	
Trichlorofluoromethane	<18.3	ug/kg	63.2	18.3	1	07/20/21 10:30	07/23/21 18:43	75-69-4	
1,2,3-Trichloropropane	<30.7	ug/kg	63.2	30.7	1	07/20/21 10:30	07/23/21 18:43	96-18-4	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-1 (5)**      **Lab ID: 40230183017**      Collected: 07/15/21 17:14      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,4-Trimethylbenzene	<18.8	ug/kg	63.2	18.8	1	07/20/21 10:30	07/23/21 18:43	95-63-6	
1,3,5-Trimethylbenzene	<20.4	ug/kg	63.2	20.4	1	07/20/21 10:30	07/23/21 18:43	108-67-8	
Vinyl chloride	<12.8	ug/kg	63.2	12.8	1	07/20/21 10:30	07/23/21 18:43	75-01-4	
m&p-Xylene	<26.7	ug/kg	126	26.7	1	07/20/21 10:30	07/23/21 18:43	179601-23-1	
o-Xylene	<19.0	ug/kg	63.2	19.0	1	07/20/21 10:30	07/23/21 18:43	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	109	%	67-159		1	07/20/21 10:30	07/23/21 18:43	2037-26-5	
4-Bromofluorobenzene (S)	110	%	66-153		1	07/20/21 10:30	07/23/21 18:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	82-158		1	07/20/21 10:30	07/23/21 18:43	2199-69-1	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	11.7	%	0.10	0.10	1		07/19/21 14:58		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-16 (2)**      **Lab ID: 40230183018**      Collected: 07/15/21 17:16      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<171	ug/kg	560	171	10	07/19/21 13:33	07/20/21 18:02	12674-11-2	
PCB-1221 (Aroclor 1221)	<171	ug/kg	560	171	10	07/19/21 13:33	07/20/21 18:02	11104-28-2	
PCB-1232 (Aroclor 1232)	<171	ug/kg	560	171	10	07/19/21 13:33	07/20/21 18:02	11141-16-5	
PCB-1242 (Aroclor 1242)	992	ug/kg	560	171	10	07/19/21 13:33	07/20/21 18:02	53469-21-9	
PCB-1248 (Aroclor 1248)	<171	ug/kg	560	171	10	07/19/21 13:33	07/20/21 18:02	12672-29-6	
PCB-1254 (Aroclor 1254)	512J	ug/kg	560	171	10	07/19/21 13:33	07/20/21 18:02	11097-69-1	
PCB-1260 (Aroclor 1260)	<171	ug/kg	560	171	10	07/19/21 13:33	07/20/21 18:02	11096-82-5	
PCB, Total	1500	ug/kg	560	171	10	07/19/21 13:33	07/20/21 18:02	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	66	%	67-102		10	07/19/21 13:33	07/20/21 18:02	877-09-8	S0
Decachlorobiphenyl (S)	63	%	47-114		10	07/19/21 13:33	07/20/21 18:02	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	779	mg/kg	75.7	22.6	20	07/21/21 09:42	07/22/21 10:33		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<7.8	mg/kg	13.2	7.8	5	07/21/21 06:59	07/22/21 13:59	7440-38-2	D3
Barium	153	mg/kg	2.6	0.79	5	07/21/21 06:59	07/22/21 13:59	7440-39-3	
Cadmium	6.5	mg/kg	2.6	0.70	5	07/21/21 06:59	07/22/21 13:59	7440-43-9	
Chromium	700	mg/kg	5.3	1.5	5	07/21/21 06:59	07/22/21 13:59	7440-47-3	
Lead	227	mg/kg	10.6	3.2	5	07/21/21 06:59	07/22/21 13:59	7439-92-1	
Selenium	<6.9	mg/kg	21.2	6.9	5	07/21/21 06:59	07/22/21 13:59	7782-49-2	D3
Silver	3.7J	mg/kg	5.3	1.6	5	07/21/21 06:59	07/22/21 13:59	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.76	mg/kg	0.037	0.010	1	07/21/21 12:00	07/22/21 10:56	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	7.4J	ug/kg	18.7	2.4	1	07/28/21 09:01	07/29/21 17:07	83-32-9	
Acenaphthylene	10.2J	ug/kg	18.7	2.4	1	07/28/21 09:01	07/29/21 17:07	208-96-8	
Anthracene	39.9	ug/kg	18.7	2.3	1	07/28/21 09:01	07/29/21 17:07	120-12-7	
Benzo(a)anthracene	96.9	ug/kg	18.7	2.4	1	07/28/21 09:01	07/29/21 17:07	56-55-3	
Benzo(a)pyrene	111	ug/kg	18.7	2.1	1	07/28/21 09:01	07/29/21 17:07	50-32-8	
Benzo(b)fluoranthene	264	ug/kg	18.7	2.6	1	07/28/21 09:01	07/29/21 17:07	205-99-2	
Benzo(g,h,i)perylene	66.2	ug/kg	18.7	3.3	1	07/28/21 09:01	07/29/21 17:07	191-24-2	
Benzo(k)fluoranthene	138	ug/kg	18.7	2.4	1	07/28/21 09:01	07/29/21 17:07	207-08-9	
Chrysene	94.5	ug/kg	18.7	3.5	1	07/28/21 09:01	07/29/21 17:07	218-01-9	
Dibenz(a,h)anthracene	18.8	ug/kg	18.7	2.6	1	07/28/21 09:01	07/29/21 17:07	53-70-3	
Fluoranthene	165	ug/kg	18.7	2.2	1	07/28/21 09:01	07/29/21 17:07	206-44-0	
Fluorene	7.9J	ug/kg	18.7	2.2	1	07/28/21 09:01	07/29/21 17:07	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-16 (2)**      **Lab ID: 40230183018**      Collected: 07/15/21 17:16      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>51.6</b>	ug/kg	18.7	3.9	1	07/28/21 09:01	07/29/21 17:07	193-39-5	
1-Methylnaphthalene	<b>9.6J</b>	ug/kg	18.7	2.7	1	07/28/21 09:01	07/29/21 17:07	90-12-0	
2-Methylnaphthalene	<b>15.6J</b>	ug/kg	18.7	2.7	1	07/28/21 09:01	07/29/21 17:07	91-57-6	
Naphthalene	<b>11.1J</b>	ug/kg	18.7	1.8	1	07/28/21 09:01	07/29/21 17:07	91-20-3	
Phenanthrene	<b>92.4</b>	ug/kg	18.7	2.1	1	07/28/21 09:01	07/29/21 17:07	85-01-8	
Pyrene	<b>277</b>	ug/kg	18.7	2.8	1	07/28/21 09:01	07/29/21 17:07	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	70	%	36-86		1	07/28/21 09:01	07/29/21 17:07	321-60-8	
Terphenyl-d14 (S)	84	%	41-97		1	07/28/21 09:01	07/29/21 17:07	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;14.8</b>	ug/kg	24.8	14.8	1	07/20/21 10:30	07/23/21 19:03	71-43-2	
Bromobenzene	<b>&lt;24.2</b>	ug/kg	62.0	24.2	1	07/20/21 10:30	07/23/21 19:03	108-86-1	
Bromochloromethane	<b>&lt;17.0</b>	ug/kg	62.0	17.0	1	07/20/21 10:30	07/23/21 19:03	74-97-5	
Bromodichloromethane	<b>&lt;14.8</b>	ug/kg	62.0	14.8	1	07/20/21 10:30	07/23/21 19:03	75-27-4	
Bromoform	<b>&lt;273</b>	ug/kg	310	273	1	07/20/21 10:30	07/23/21 19:03	75-25-2	
Bromomethane	<b>&lt;87.0</b>	ug/kg	310	87.0	1	07/20/21 10:30	07/23/21 19:03	74-83-9	
n-Butylbenzene	<b>&lt;28.4</b>	ug/kg	62.0	28.4	1	07/20/21 10:30	07/23/21 19:03	104-51-8	
sec-Butylbenzene	<b>&lt;15.1</b>	ug/kg	62.0	15.1	1	07/20/21 10:30	07/23/21 19:03	135-98-8	
tert-Butylbenzene	<b>&lt;19.5</b>	ug/kg	62.0	19.5	1	07/20/21 10:30	07/23/21 19:03	98-06-6	
Carbon tetrachloride	<b>&lt;13.6</b>	ug/kg	62.0	13.6	1	07/20/21 10:30	07/23/21 19:03	56-23-5	
Chlorobenzene	<b>&lt;7.4</b>	ug/kg	62.0	7.4	1	07/20/21 10:30	07/23/21 19:03	108-90-7	
Chloroethane	<b>&lt;26.2</b>	ug/kg	310	26.2	1	07/20/21 10:30	07/23/21 19:03	75-00-3	
Chloroform	<b>&lt;44.4</b>	ug/kg	310	44.4	1	07/20/21 10:30	07/23/21 19:03	67-66-3	
Chloromethane	<b>&lt;23.6</b>	ug/kg	62.0	23.6	1	07/20/21 10:30	07/23/21 19:03	74-87-3	
2-Chlorotoluene	<b>&lt;20.1</b>	ug/kg	62.0	20.1	1	07/20/21 10:30	07/23/21 19:03	95-49-8	
4-Chlorotoluene	<b>&lt;23.6</b>	ug/kg	62.0	23.6	1	07/20/21 10:30	07/23/21 19:03	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;48.1</b>	ug/kg	310	48.1	1	07/20/21 10:30	07/23/21 19:03	96-12-8	
Dibromochloromethane	<b>&lt;212</b>	ug/kg	310	212	1	07/20/21 10:30	07/23/21 19:03	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;17.0</b>	ug/kg	62.0	17.0	1	07/20/21 10:30	07/23/21 19:03	106-93-4	
Dibromomethane	<b>&lt;18.4</b>	ug/kg	62.0	18.4	1	07/20/21 10:30	07/23/21 19:03	74-95-3	
1,2-Dichlorobenzene	<b>&lt;19.2</b>	ug/kg	62.0	19.2	1	07/20/21 10:30	07/23/21 19:03	95-50-1	
1,3-Dichlorobenzene	<b>&lt;17.0</b>	ug/kg	62.0	17.0	1	07/20/21 10:30	07/23/21 19:03	541-73-1	
1,4-Dichlorobenzene	<b>&lt;17.0</b>	ug/kg	62.0	17.0	1	07/20/21 10:30	07/23/21 19:03	106-46-7	
Dichlorodifluoromethane	<b>&lt;26.7</b>	ug/kg	62.0	26.7	1	07/20/21 10:30	07/23/21 19:03	75-71-8	
1,1-Dichloroethane	<b>&lt;15.9</b>	ug/kg	62.0	15.9	1	07/20/21 10:30	07/23/21 19:03	75-34-3	
1,2-Dichloroethane	<b>&lt;14.3</b>	ug/kg	62.0	14.3	1	07/20/21 10:30	07/23/21 19:03	107-06-2	
1,1-Dichloroethene	<b>&lt;20.6</b>	ug/kg	62.0	20.6	1	07/20/21 10:30	07/23/21 19:03	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;13.3</b>	ug/kg	62.0	13.3	1	07/20/21 10:30	07/23/21 19:03	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;13.4</b>	ug/kg	62.0	13.4	1	07/20/21 10:30	07/23/21 19:03	156-60-5	
1,2-Dichloropropane	<b>&lt;14.8</b>	ug/kg	62.0	14.8	1	07/20/21 10:30	07/23/21 19:03	78-87-5	
1,3-Dichloropropane	<b>&lt;13.5</b>	ug/kg	62.0	13.5	1	07/20/21 10:30	07/23/21 19:03	142-28-9	
2,2-Dichloropropane	<b>&lt;16.7</b>	ug/kg	62.0	16.7	1	07/20/21 10:30	07/23/21 19:03	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-16 (2)**      **Lab ID: 40230183018**      Collected: 07/15/21 17:16      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<20.1	ug/kg	62.0	20.1	1	07/20/21 10:30	07/23/21 19:03	563-58-6	
cis-1,3-Dichloropropene	<40.9	ug/kg	310	40.9	1	07/20/21 10:30	07/23/21 19:03	10061-01-5	
trans-1,3-Dichloropropene	<177	ug/kg	310	177	1	07/20/21 10:30	07/23/21 19:03	10061-02-6	
Diisopropyl ether	<15.4	ug/kg	62.0	15.4	1	07/20/21 10:30	07/23/21 19:03	108-20-3	
Ethylbenzene	<14.8	ug/kg	62.0	14.8	1	07/20/21 10:30	07/23/21 19:03	100-41-4	
Hexachloro-1,3-butadiene	<123	ug/kg	310	123	1	07/20/21 10:30	07/23/21 19:03	87-68-3	L2
Isopropylbenzene (Cumene)	19.7J	ug/kg	62.0	16.7	1	07/20/21 10:30	07/23/21 19:03	98-82-8	
p-Isopropyltoluene	<18.9	ug/kg	62.0	18.9	1	07/20/21 10:30	07/23/21 19:03	99-87-6	
Methylene Chloride	<17.2	ug/kg	62.0	17.2	1	07/20/21 10:30	07/23/21 19:03	75-09-2	
Methyl-tert-butyl ether	<18.2	ug/kg	62.0	18.2	1	07/20/21 10:30	07/23/21 19:03	1634-04-4	
Naphthalene	<19.4	ug/kg	310	19.4	1	07/20/21 10:30	07/23/21 19:03	91-20-3	
n-Propylbenzene	<14.9	ug/kg	62.0	14.9	1	07/20/21 10:30	07/23/21 19:03	103-65-1	
Styrene	81.1	ug/kg	62.0	15.9	1	07/20/21 10:30	07/23/21 19:03	100-42-5	
1,1,1,2-Tetrachloroethane	<14.9	ug/kg	62.0	14.9	1	07/20/21 10:30	07/23/21 19:03	630-20-6	
1,1,2,2-Tetrachloroethane	<22.5	ug/kg	62.0	22.5	1	07/20/21 10:30	07/23/21 19:03	79-34-5	
Tetrachloroethene	<24.1	ug/kg	62.0	24.1	1	07/20/21 10:30	07/23/21 19:03	127-18-4	
Toluene	<15.6	ug/kg	62.0	15.6	1	07/20/21 10:30	07/23/21 19:03	108-88-3	
1,2,3-Trichlorobenzene	<69.1	ug/kg	310	69.1	1	07/20/21 10:30	07/23/21 19:03	87-61-6	
1,2,4-Trichlorobenzene	<51.1	ug/kg	310	51.1	1	07/20/21 10:30	07/23/21 19:03	120-82-1	
1,1,1-Trichloroethane	<15.9	ug/kg	62.0	15.9	1	07/20/21 10:30	07/23/21 19:03	71-55-6	
1,1,2-Trichloroethane	<22.6	ug/kg	62.0	22.6	1	07/20/21 10:30	07/23/21 19:03	79-00-5	
Trichloroethene	<23.2	ug/kg	62.0	23.2	1	07/20/21 10:30	07/23/21 19:03	79-01-6	
Trichlorofluoromethane	26.8J	ug/kg	62.0	18.0	1	07/20/21 10:30	07/23/21 19:03	75-69-4	
1,2,3-Trichloropropane	<30.1	ug/kg	62.0	30.1	1	07/20/21 10:30	07/23/21 19:03	96-18-4	
1,2,4-Trimethylbenzene	<18.5	ug/kg	62.0	18.5	1	07/20/21 10:30	07/23/21 19:03	95-63-6	
1,3,5-Trimethylbenzene	<20.0	ug/kg	62.0	20.0	1	07/20/21 10:30	07/23/21 19:03	108-67-8	
Vinyl chloride	<12.5	ug/kg	62.0	12.5	1	07/20/21 10:30	07/23/21 19:03	75-01-4	
m&p-Xylene	<26.2	ug/kg	124	26.2	1	07/20/21 10:30	07/23/21 19:03	179601-23-1	
o-Xylene	<18.6	ug/kg	62.0	18.6	1	07/20/21 10:30	07/23/21 19:03	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	116	%	67-159		1	07/20/21 10:30	07/23/21 19:03	2037-26-5	
4-Bromofluorobenzene (S)	119	%	66-153		1	07/20/21 10:30	07/23/21 19:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	82-158		1	07/20/21 10:30	07/23/21 19:03	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	10.7	%	0.10	0.10	1		07/19/21 14:58		
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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-16 (8)**      **Lab ID: 40230183019**      Collected: 07/15/21 17:18      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<186	ug/kg	610	186	10	07/19/21 13:33	07/20/21 18:51	12674-11-2	
PCB-1221 (Aroclor 1221)	<186	ug/kg	610	186	10	07/19/21 13:33	07/20/21 18:51	11104-28-2	
PCB-1232 (Aroclor 1232)	<186	ug/kg	610	186	10	07/19/21 13:33	07/20/21 18:51	11141-16-5	
PCB-1242 (Aroclor 1242)	2040	ug/kg	610	186	10	07/19/21 13:33	07/20/21 18:51	53469-21-9	
PCB-1248 (Aroclor 1248)	<186	ug/kg	610	186	10	07/19/21 13:33	07/20/21 18:51	12672-29-6	
PCB-1254 (Aroclor 1254)	1180	ug/kg	610	186	10	07/19/21 13:33	07/20/21 18:51	11097-69-1	
PCB-1260 (Aroclor 1260)	<186	ug/kg	610	186	10	07/19/21 13:33	07/20/21 18:51	11096-82-5	
PCB, Total	3230	ug/kg	610	186	10	07/19/21 13:33	07/20/21 18:51	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	61	%	67-102		10	07/19/21 13:33	07/20/21 18:51	877-09-8	S0
Decachlorobiphenyl (S)	53	%	47-114		10	07/19/21 13:33	07/20/21 18:51	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	1610	mg/kg	118	35.3	30	07/21/21 09:42	07/22/21 11:56		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<3.4	mg/kg	5.7	3.4	2	07/21/21 06:59	07/22/21 14:01	7440-38-2	D3
Barium	148	mg/kg	1.1	0.34	2	07/21/21 06:59	07/22/21 14:01	7440-39-3	
Cadmium	2.6	mg/kg	1.1	0.30	2	07/21/21 06:59	07/22/21 14:01	7440-43-9	
Chromium	206	mg/kg	2.3	0.64	2	07/21/21 06:59	07/22/21 14:01	7440-47-3	
Lead	115	mg/kg	4.6	1.4	2	07/21/21 06:59	07/22/21 14:01	7439-92-1	
Selenium	<3.0	mg/kg	9.2	3.0	2	07/21/21 06:59	07/22/21 14:01	7782-49-2	D3
Silver	<0.70	mg/kg	2.3	0.70	2	07/21/21 06:59	07/22/21 14:01	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	1.2	mg/kg	0.039	0.011	1	07/21/21 12:00	07/22/21 10:58	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	96.7J	ug/kg	511	66.2	25	07/28/21 09:01	07/30/21 12:49	83-32-9	
Acenaphthylene	<64.4	ug/kg	511	64.4	25	07/28/21 09:01	07/30/21 12:49	208-96-8	
Anthracene	182J	ug/kg	511	63.4	25	07/28/21 09:01	07/30/21 12:49	120-12-7	
Benzo(a)anthracene	468J	ug/kg	511	66.0	25	07/28/21 09:01	07/30/21 12:49	56-55-3	
Benzo(a)pyrene	403J	ug/kg	511	58.0	25	07/28/21 09:01	07/30/21 12:49	50-32-8	
Benzo(b)fluoranthene	624	ug/kg	511	70.9	25	07/28/21 09:01	07/30/21 12:49	205-99-2	
Benzo(g,h,i)perylene	328J	ug/kg	511	89.6	25	07/28/21 09:01	07/30/21 12:49	191-24-2	
Benzo(k)fluoranthene	251J	ug/kg	511	65.3	25	07/28/21 09:01	07/30/21 12:49	207-08-9	
Chrysene	546	ug/kg	511	96.3	25	07/28/21 09:01	07/30/21 12:49	218-01-9	
Dibenz(a,h)anthracene	73.9J	ug/kg	511	70.7	25	07/28/21 09:01	07/30/21 12:49	53-70-3	
Fluoranthene	1120	ug/kg	511	60.4	25	07/28/21 09:01	07/30/21 12:49	206-44-0	
Fluorene	74.4J	ug/kg	511	61.2	25	07/28/21 09:01	07/30/21 12:49	86-73-7	

### REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-16 (8)**      **Lab ID: 40230183019**      Collected: 07/15/21 17:18      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>244J</b>	ug/kg	511	106	25	07/28/21 09:01	07/30/21 12:49	193-39-5	
1-Methylnaphthalene	<b>&lt;74.6</b>	ug/kg	511	74.6	25	07/28/21 09:01	07/30/21 12:49	90-12-0	
2-Methylnaphthalene	<b>&lt;74.7</b>	ug/kg	511	74.7	25	07/28/21 09:01	07/30/21 12:49	91-57-6	
Naphthalene	<b>85.5J</b>	ug/kg	511	49.8	25	07/28/21 09:01	07/30/21 12:49	91-20-3	D3
Phenanthrene	<b>676</b>	ug/kg	511	58.5	25	07/28/21 09:01	07/30/21 12:49	85-01-8	
Pyrene	<b>887</b>	ug/kg	511	75.1	25	07/28/21 09:01	07/30/21 12:49	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	0	%	36-86		25	07/28/21 09:01	07/30/21 12:49	321-60-8	S4
Terphenyl-d14 (S)	0	%	41-97		25	07/28/21 09:01	07/30/21 12:49	1718-51-0	S4
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;17.2</b>	ug/kg	28.9	17.2	1	07/20/21 10:30	07/23/21 19:23	71-43-2	
Bromobenzene	<b>&lt;28.2</b>	ug/kg	72.3	28.2	1	07/20/21 10:30	07/23/21 19:23	108-86-1	
Bromochloromethane	<b>&lt;19.8</b>	ug/kg	72.3	19.8	1	07/20/21 10:30	07/23/21 19:23	74-97-5	
Bromodichloromethane	<b>&lt;17.2</b>	ug/kg	72.3	17.2	1	07/20/21 10:30	07/23/21 19:23	75-27-4	
Bromoform	<b>&lt;318</b>	ug/kg	361	318	1	07/20/21 10:30	07/23/21 19:23	75-25-2	
Bromomethane	<b>&lt;101</b>	ug/kg	361	101	1	07/20/21 10:30	07/23/21 19:23	74-83-9	
n-Butylbenzene	<b>&lt;33.1</b>	ug/kg	72.3	33.1	1	07/20/21 10:30	07/23/21 19:23	104-51-8	
sec-Butylbenzene	<b>41.8J</b>	ug/kg	72.3	17.6	1	07/20/21 10:30	07/23/21 19:23	135-98-8	
tert-Butylbenzene	<b>&lt;22.7</b>	ug/kg	72.3	22.7	1	07/20/21 10:30	07/23/21 19:23	98-06-6	
Carbon tetrachloride	<b>&lt;15.9</b>	ug/kg	72.3	15.9	1	07/20/21 10:30	07/23/21 19:23	56-23-5	
Chlorobenzene	<b>&lt;8.7</b>	ug/kg	72.3	8.7	1	07/20/21 10:30	07/23/21 19:23	108-90-7	
Chloroethane	<b>&lt;30.5</b>	ug/kg	361	30.5	1	07/20/21 10:30	07/23/21 19:23	75-00-3	
Chloroform	<b>&lt;51.7</b>	ug/kg	361	51.7	1	07/20/21 10:30	07/23/21 19:23	67-66-3	
Chloromethane	<b>&lt;27.5</b>	ug/kg	72.3	27.5	1	07/20/21 10:30	07/23/21 19:23	74-87-3	
2-Chlorotoluene	<b>&lt;23.4</b>	ug/kg	72.3	23.4	1	07/20/21 10:30	07/23/21 19:23	95-49-8	
4-Chlorotoluene	<b>&lt;27.5</b>	ug/kg	72.3	27.5	1	07/20/21 10:30	07/23/21 19:23	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;56.1</b>	ug/kg	361	56.1	1	07/20/21 10:30	07/23/21 19:23	96-12-8	
Dibromochloromethane	<b>&lt;247</b>	ug/kg	361	247	1	07/20/21 10:30	07/23/21 19:23	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;19.8</b>	ug/kg	72.3	19.8	1	07/20/21 10:30	07/23/21 19:23	106-93-4	
Dibromomethane	<b>&lt;21.4</b>	ug/kg	72.3	21.4	1	07/20/21 10:30	07/23/21 19:23	74-95-3	
1,2-Dichlorobenzene	<b>&lt;22.4</b>	ug/kg	72.3	22.4	1	07/20/21 10:30	07/23/21 19:23	95-50-1	
1,3-Dichlorobenzene	<b>&lt;19.8</b>	ug/kg	72.3	19.8	1	07/20/21 10:30	07/23/21 19:23	541-73-1	
1,4-Dichlorobenzene	<b>&lt;19.8</b>	ug/kg	72.3	19.8	1	07/20/21 10:30	07/23/21 19:23	106-46-7	
Dichlorodifluoromethane	<b>&lt;31.1</b>	ug/kg	72.3	31.1	1	07/20/21 10:30	07/23/21 19:23	75-71-8	
1,1-Dichloroethane	<b>&lt;18.5</b>	ug/kg	72.3	18.5	1	07/20/21 10:30	07/23/21 19:23	75-34-3	
1,2-Dichloroethane	<b>&lt;16.6</b>	ug/kg	72.3	16.6	1	07/20/21 10:30	07/23/21 19:23	107-06-2	
1,1-Dichloroethene	<b>&lt;24.0</b>	ug/kg	72.3	24.0	1	07/20/21 10:30	07/23/21 19:23	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;15.5</b>	ug/kg	72.3	15.5	1	07/20/21 10:30	07/23/21 19:23	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;15.6</b>	ug/kg	72.3	15.6	1	07/20/21 10:30	07/23/21 19:23	156-60-5	
1,2-Dichloropropane	<b>&lt;17.2</b>	ug/kg	72.3	17.2	1	07/20/21 10:30	07/23/21 19:23	78-87-5	
1,3-Dichloropropane	<b>&lt;15.8</b>	ug/kg	72.3	15.8	1	07/20/21 10:30	07/23/21 19:23	142-28-9	
2,2-Dichloropropane	<b>&lt;19.5</b>	ug/kg	72.3	19.5	1	07/20/21 10:30	07/23/21 19:23	594-20-7	

**REPORT OF LABORATORY ANALYSIS**

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-16 (8)**      **Lab ID: 40230183019**      Collected: 07/15/21 17:18      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<23.4	ug/kg	72.3	23.4	1	07/20/21 10:30	07/23/21 19:23	563-58-6	
cis-1,3-Dichloropropene	<47.7	ug/kg	361	47.7	1	07/20/21 10:30	07/23/21 19:23	10061-01-5	
trans-1,3-Dichloropropene	<207	ug/kg	361	207	1	07/20/21 10:30	07/23/21 19:23	10061-02-6	
Diisopropyl ether	<17.9	ug/kg	72.3	17.9	1	07/20/21 10:30	07/23/21 19:23	108-20-3	
Ethylbenzene	<17.2	ug/kg	72.3	17.2	1	07/20/21 10:30	07/23/21 19:23	100-41-4	
Hexachloro-1,3-butadiene	<144	ug/kg	361	144	1	07/20/21 10:30	07/23/21 19:23	87-68-3	L2
Isopropylbenzene (Cumene)	40.7J	ug/kg	72.3	19.5	1	07/20/21 10:30	07/23/21 19:23	98-82-8	
p-Isopropyltoluene	<22.0	ug/kg	72.3	22.0	1	07/20/21 10:30	07/23/21 19:23	99-87-6	
Methylene Chloride	<20.1	ug/kg	72.3	20.1	1	07/20/21 10:30	07/23/21 19:23	75-09-2	
Methyl-tert-butyl ether	<21.2	ug/kg	72.3	21.2	1	07/20/21 10:30	07/23/21 19:23	1634-04-4	
Naphthalene	177J	ug/kg	361	22.5	1	07/20/21 10:30	07/23/21 19:23	91-20-3	
n-Propylbenzene	36.6J	ug/kg	72.3	17.3	1	07/20/21 10:30	07/23/21 19:23	103-65-1	
Styrene	24.5J	ug/kg	72.3	18.5	1	07/20/21 10:30	07/23/21 19:23	100-42-5	
1,1,1,2-Tetrachloroethane	<17.3	ug/kg	72.3	17.3	1	07/20/21 10:30	07/23/21 19:23	630-20-6	
1,1,2,2-Tetrachloroethane	<26.2	ug/kg	72.3	26.2	1	07/20/21 10:30	07/23/21 19:23	79-34-5	
Tetrachloroethene	<28.0	ug/kg	72.3	28.0	1	07/20/21 10:30	07/23/21 19:23	127-18-4	
Toluene	29.4J	ug/kg	72.3	18.2	1	07/20/21 10:30	07/23/21 19:23	108-88-3	
1,2,3-Trichlorobenzene	<80.5	ug/kg	361	80.5	1	07/20/21 10:30	07/23/21 19:23	87-61-6	
1,2,4-Trichlorobenzene	<59.5	ug/kg	361	59.5	1	07/20/21 10:30	07/23/21 19:23	120-82-1	
1,1,1-Trichloroethane	<18.5	ug/kg	72.3	18.5	1	07/20/21 10:30	07/23/21 19:23	71-55-6	
1,1,2-Trichloroethane	<26.3	ug/kg	72.3	26.3	1	07/20/21 10:30	07/23/21 19:23	79-00-5	
Trichloroethene	<27.0	ug/kg	72.3	27.0	1	07/20/21 10:30	07/23/21 19:23	79-01-6	
Trichlorofluoromethane	29.7J	ug/kg	72.3	21.0	1	07/20/21 10:30	07/23/21 19:23	75-69-4	
1,2,3-Trichloropropane	<35.1	ug/kg	72.3	35.1	1	07/20/21 10:30	07/23/21 19:23	96-18-4	
1,2,4-Trimethylbenzene	238	ug/kg	72.3	21.5	1	07/20/21 10:30	07/23/21 19:23	95-63-6	
1,3,5-Trimethylbenzene	94.0	ug/kg	72.3	23.3	1	07/20/21 10:30	07/23/21 19:23	108-67-8	
Vinyl chloride	<14.6	ug/kg	72.3	14.6	1	07/20/21 10:30	07/23/21 19:23	75-01-4	
m&p-Xylene	36.0J	ug/kg	145	30.5	1	07/20/21 10:30	07/23/21 19:23	179601-23-1	
o-Xylene	<21.7	ug/kg	72.3	21.7	1	07/20/21 10:30	07/23/21 19:23	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	125	%	67-159		1	07/20/21 10:30	07/23/21 19:23	2037-26-5	
4-Bromofluorobenzene (S)	119	%	66-153		1	07/20/21 10:30	07/23/21 19:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	117	%	82-158		1	07/20/21 10:30	07/23/21 19:23	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	18.2	%	0.10	0.10	1		07/19/21 14:58		
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### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-13 (2)**      **Lab ID: 40230183020**      Collected: 07/16/21 14:50      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<8290	ug/kg	27200	8290	500	07/19/21 13:33	07/20/21 16:24	12674-11-2	D3
PCB-1221 (Aroclor 1221)	<8290	ug/kg	27200	8290	500	07/19/21 13:33	07/20/21 16:24	11104-28-2	
PCB-1232 (Aroclor 1232)	<8290	ug/kg	27200	8290	500	07/19/21 13:33	07/20/21 16:24	11141-16-5	
PCB-1242 (Aroclor 1242)	<8290	ug/kg	27200	8290	500	07/19/21 13:33	07/20/21 16:24	53469-21-9	
PCB-1248 (Aroclor 1248)	<8290	ug/kg	27200	8290	500	07/19/21 13:33	07/20/21 16:24	12672-29-6	
PCB-1254 (Aroclor 1254)	<8290	ug/kg	27200	8290	500	07/19/21 13:33	07/20/21 16:24	11097-69-1	
PCB-1260 (Aroclor 1260)	<8290	ug/kg	27200	8290	500	07/19/21 13:33	07/20/21 16:24	11096-82-5	
PCB, Total	<8290	ug/kg	27200	8290	500	07/19/21 13:33	07/20/21 16:24	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	0	%	67-102		500	07/19/21 13:33	07/20/21 16:24	877-09-8	S4
Decachlorobiphenyl (S)	0	%	47-114		500	07/19/21 13:33	07/20/21 16:24	2051-24-3	S4
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	3860	mg/kg	348	104	80	07/21/21 09:42	07/22/21 12:15		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<3.0	mg/kg	5.2	3.0	2	07/21/21 06:59	07/22/21 14:04	7440-38-2	D3
Barium	114	mg/kg	1.0	0.31	2	07/21/21 06:59	07/22/21 14:04	7440-39-3	
Cadmium	5.6	mg/kg	1.0	0.28	2	07/21/21 06:59	07/22/21 14:04	7440-43-9	
Chromium	68.4	mg/kg	2.1	0.58	2	07/21/21 06:59	07/22/21 14:04	7440-47-3	
Lead	424	mg/kg	4.1	1.2	2	07/21/21 06:59	07/22/21 14:04	7439-92-1	
Selenium	<2.7	mg/kg	8.3	2.7	2	07/21/21 06:59	07/22/21 14:04	7782-49-2	D3
Silver	<0.64	mg/kg	2.1	0.64	2	07/21/21 06:59	07/22/21 14:04	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	1.3	mg/kg	0.036	0.010	1	07/21/21 12:00	07/22/21 11:08	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	260J	ug/kg	727	94.3	20	07/29/21 08:20	07/29/21 17:41	83-32-9	
Acenaphthylene	<91.7	ug/kg	727	91.7	20	07/29/21 08:20	07/29/21 17:41	208-96-8	
Anthracene	345J	ug/kg	727	90.2	20	07/29/21 08:20	07/29/21 17:41	120-12-7	
Benzo(a)anthracene	566J	ug/kg	727	94.0	20	07/29/21 08:20	07/29/21 17:41	56-55-3	
Benzo(a)pyrene	599J	ug/kg	727	82.6	20	07/29/21 08:20	07/29/21 17:41	50-32-8	
Benzo(b)fluoranthene	812	ug/kg	727	101	20	07/29/21 08:20	07/29/21 17:41	205-99-2	
Benzo(g,h,i)perylene	177J	ug/kg	727	128	20	07/29/21 08:20	07/29/21 17:41	191-24-2	
Benzo(k)fluoranthene	429J	ug/kg	727	92.9	20	07/29/21 08:20	07/29/21 17:41	207-08-9	
Chrysene	847	ug/kg	727	137	20	07/29/21 08:20	07/29/21 17:41	218-01-9	
Dibenz(a,h)anthracene	<101	ug/kg	727	101	20	07/29/21 08:20	07/29/21 17:41	53-70-3	
Fluoranthene	1620	ug/kg	727	86.0	20	07/29/21 08:20	07/29/21 17:41	206-44-0	
Fluorene	376J	ug/kg	727	87.2	20	07/29/21 08:20	07/29/21 17:41	86-73-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-13 (2)**      **Lab ID: 40230183020**      Collected: 07/16/21 14:50      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>161J</b>	ug/kg	727	151	20	07/29/21 08:20	07/29/21 17:41	193-39-5	
1-Methylnaphthalene	<b>249J</b>	ug/kg	727	106	20	07/29/21 08:20	07/29/21 17:41	90-12-0	
2-Methylnaphthalene	<b>329J</b>	ug/kg	727	106	20	07/29/21 08:20	07/29/21 17:41	91-57-6	
Naphthalene	<b>260J</b>	ug/kg	727	70.8	20	07/29/21 08:20	07/29/21 17:41	91-20-3	D3
Phenanthrene	<b>1750</b>	ug/kg	727	83.3	20	07/29/21 08:20	07/29/21 17:41	85-01-8	
Pyrene	<b>1420</b>	ug/kg	727	107	20	07/29/21 08:20	07/29/21 17:41	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	70	%	36-86		20	07/29/21 08:20	07/29/21 17:41	321-60-8	
Terphenyl-d14 (S)	62	%	41-97		20	07/29/21 08:20	07/29/21 17:41	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	< <b>14.0</b>	ug/kg	23.5	14.0	1	07/20/21 10:30	07/23/21 19:42	71-43-2	
Bromobenzene	< <b>22.9</b>	ug/kg	58.8	22.9	1	07/20/21 10:30	07/23/21 19:42	108-86-1	
Bromochloromethane	< <b>16.1</b>	ug/kg	58.8	16.1	1	07/20/21 10:30	07/23/21 19:42	74-97-5	
Bromodichloromethane	< <b>14.0</b>	ug/kg	58.8	14.0	1	07/20/21 10:30	07/23/21 19:42	75-27-4	
Bromoform	< <b>259</b>	ug/kg	294	259	1	07/20/21 10:30	07/23/21 19:42	75-25-2	
Bromomethane	< <b>82.4</b>	ug/kg	294	82.4	1	07/20/21 10:30	07/23/21 19:42	74-83-9	
n-Butylbenzene	<b>371</b>	ug/kg	58.8	26.9	1	07/20/21 10:30	07/23/21 19:42	104-51-8	
sec-Butylbenzene	<b>88.2</b>	ug/kg	58.8	14.3	1	07/20/21 10:30	07/23/21 19:42	135-98-8	
tert-Butylbenzene	< <b>18.5</b>	ug/kg	58.8	18.5	1	07/20/21 10:30	07/23/21 19:42	98-06-6	
Carbon tetrachloride	< <b>12.9</b>	ug/kg	58.8	12.9	1	07/20/21 10:30	07/23/21 19:42	56-23-5	
Chlorobenzene	< <b>7.0</b>	ug/kg	58.8	7.0	1	07/20/21 10:30	07/23/21 19:42	108-90-7	
Chloroethane	< <b>24.8</b>	ug/kg	294	24.8	1	07/20/21 10:30	07/23/21 19:42	75-00-3	
Chloroform	< <b>42.1</b>	ug/kg	294	42.1	1	07/20/21 10:30	07/23/21 19:42	67-66-3	
Chloromethane	< <b>22.3</b>	ug/kg	58.8	22.3	1	07/20/21 10:30	07/23/21 19:42	74-87-3	
2-Chlorotoluene	< <b>19.0</b>	ug/kg	58.8	19.0	1	07/20/21 10:30	07/23/21 19:42	95-49-8	
4-Chlorotoluene	< <b>22.3</b>	ug/kg	58.8	22.3	1	07/20/21 10:30	07/23/21 19:42	106-43-4	
1,2-Dibromo-3-chloropropane	< <b>45.6</b>	ug/kg	294	45.6	1	07/20/21 10:30	07/23/21 19:42	96-12-8	
Dibromochloromethane	< <b>201</b>	ug/kg	294	201	1	07/20/21 10:30	07/23/21 19:42	124-48-1	
1,2-Dibromoethane (EDB)	< <b>16.1</b>	ug/kg	58.8	16.1	1	07/20/21 10:30	07/23/21 19:42	106-93-4	
Dibromomethane	< <b>17.4</b>	ug/kg	58.8	17.4	1	07/20/21 10:30	07/23/21 19:42	74-95-3	
1,2-Dichlorobenzene	< <b>18.2</b>	ug/kg	58.8	18.2	1	07/20/21 10:30	07/23/21 19:42	95-50-1	
1,3-Dichlorobenzene	< <b>16.1</b>	ug/kg	58.8	16.1	1	07/20/21 10:30	07/23/21 19:42	541-73-1	
1,4-Dichlorobenzene	< <b>16.1</b>	ug/kg	58.8	16.1	1	07/20/21 10:30	07/23/21 19:42	106-46-7	
Dichlorodifluoromethane	< <b>25.3</b>	ug/kg	58.8	25.3	1	07/20/21 10:30	07/23/21 19:42	75-71-8	
1,1-Dichloroethane	< <b>15.1</b>	ug/kg	58.8	15.1	1	07/20/21 10:30	07/23/21 19:42	75-34-3	
1,2-Dichloroethane	< <b>13.5</b>	ug/kg	58.8	13.5	1	07/20/21 10:30	07/23/21 19:42	107-06-2	
1,1-Dichloroethene	< <b>19.5</b>	ug/kg	58.8	19.5	1	07/20/21 10:30	07/23/21 19:42	75-35-4	
cis-1,2-Dichloroethene	<b>64.1</b>	ug/kg	58.8	12.6	1	07/20/21 10:30	07/23/21 19:42	156-59-2	
trans-1,2-Dichloroethene	< <b>12.7</b>	ug/kg	58.8	12.7	1	07/20/21 10:30	07/23/21 19:42	156-60-5	
1,2-Dichloropropane	< <b>14.0</b>	ug/kg	58.8	14.0	1	07/20/21 10:30	07/23/21 19:42	78-87-5	
1,3-Dichloropropane	< <b>12.8</b>	ug/kg	58.8	12.8	1	07/20/21 10:30	07/23/21 19:42	142-28-9	
2,2-Dichloropropane	< <b>15.9</b>	ug/kg	58.8	15.9	1	07/20/21 10:30	07/23/21 19:42	594-20-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-13 (2)**      **Lab ID: 40230183020**      Collected: 07/16/21 14:50      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<19.0	ug/kg	58.8	19.0	1	07/20/21 10:30	07/23/21 19:42	563-58-6	
cis-1,3-Dichloropropene	<38.8	ug/kg	294	38.8	1	07/20/21 10:30	07/23/21 19:42	10061-01-5	
trans-1,3-Dichloropropene	<168	ug/kg	294	168	1	07/20/21 10:30	07/23/21 19:42	10061-02-6	
Diisopropyl ether	<14.6	ug/kg	58.8	14.6	1	07/20/21 10:30	07/23/21 19:42	108-20-3	
Ethylbenzene	336	ug/kg	58.8	14.0	1	07/20/21 10:30	07/23/21 19:42	100-41-4	
Hexachloro-1,3-butadiene	<117	ug/kg	294	117	1	07/20/21 10:30	07/23/21 19:42	87-68-3	L2
Isopropylbenzene (Cumene)	47.6J	ug/kg	58.8	15.9	1	07/20/21 10:30	07/23/21 19:42	98-82-8	
p-Isopropyltoluene	179	ug/kg	58.8	17.9	1	07/20/21 10:30	07/23/21 19:42	99-87-6	
Methylene Chloride	<16.3	ug/kg	58.8	16.3	1	07/20/21 10:30	07/23/21 19:42	75-09-2	
Methyl-tert-butyl ether	<17.3	ug/kg	58.8	17.3	1	07/20/21 10:30	07/23/21 19:42	1634-04-4	
Naphthalene	405	ug/kg	294	18.3	1	07/20/21 10:30	07/23/21 19:42	91-20-3	
n-Propylbenzene	67.1	ug/kg	58.8	14.1	1	07/20/21 10:30	07/23/21 19:42	103-65-1	
Styrene	<15.1	ug/kg	58.8	15.1	1	07/20/21 10:30	07/23/21 19:42	100-42-5	
1,1,1,2-Tetrachloroethane	<14.1	ug/kg	58.8	14.1	1	07/20/21 10:30	07/23/21 19:42	630-20-6	
1,1,2,2-Tetrachloroethane	<21.3	ug/kg	58.8	21.3	1	07/20/21 10:30	07/23/21 19:42	79-34-5	
Tetrachloroethene	<22.8	ug/kg	58.8	22.8	1	07/20/21 10:30	07/23/21 19:42	127-18-4	
Toluene	101	ug/kg	58.8	14.8	1	07/20/21 10:30	07/23/21 19:42	108-88-3	
1,2,3-Trichlorobenzene	<65.5	ug/kg	294	65.5	1	07/20/21 10:30	07/23/21 19:42	87-61-6	
1,2,4-Trichlorobenzene	<48.4	ug/kg	294	48.4	1	07/20/21 10:30	07/23/21 19:42	120-82-1	
1,1,1-Trichloroethane	51.6J	ug/kg	58.8	15.1	1	07/20/21 10:30	07/23/21 19:42	71-55-6	
1,1,2-Trichloroethane	<21.4	ug/kg	58.8	21.4	1	07/20/21 10:30	07/23/21 19:42	79-00-5	
Trichloroethene	25.0J	ug/kg	58.8	22.0	1	07/20/21 10:30	07/23/21 19:42	79-01-6	
Trichlorofluoromethane	<17.0	ug/kg	58.8	17.0	1	07/20/21 10:30	07/23/21 19:42	75-69-4	
1,2,3-Trichloropropane	<28.6	ug/kg	58.8	28.6	1	07/20/21 10:30	07/23/21 19:42	96-18-4	
1,2,4-Trimethylbenzene	886	ug/kg	58.8	17.5	1	07/20/21 10:30	07/23/21 19:42	95-63-6	
1,3,5-Trimethylbenzene	351	ug/kg	58.8	18.9	1	07/20/21 10:30	07/23/21 19:42	108-67-8	
Vinyl chloride	<11.9	ug/kg	58.8	11.9	1	07/20/21 10:30	07/23/21 19:42	75-01-4	
m&p-Xylene	490	ug/kg	118	24.8	1	07/20/21 10:30	07/23/21 19:42	179601-23-1	
o-Xylene	295	ug/kg	58.8	17.6	1	07/20/21 10:30	07/23/21 19:42	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	112	%	67-159		1	07/20/21 10:30	07/23/21 19:42	2037-26-5	
4-Bromofluorobenzene (S)	111	%	66-153		1	07/20/21 10:30	07/23/21 19:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	82-158		1	07/20/21 10:30	07/23/21 19:42	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture      **8.1**      %      0.10      0.10      1      07/19/21 14:58

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-13 (5)**      **Lab ID: 40230183021**      Collected: 07/16/21 14:52      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 21:42	12674-11-2	
PCB-1221 (Aroclor 1221)	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 21:42	11104-28-2	
PCB-1232 (Aroclor 1232)	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 21:42	11141-16-5	
PCB-1242 (Aroclor 1242)	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 21:42	53469-21-9	
PCB-1248 (Aroclor 1248)	<16.6	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 21:42	12672-29-6	
PCB-1254 (Aroclor 1254)	94.2	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 21:42	11097-69-1	
PCB-1260 (Aroclor 1260)	44.7J	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 21:42	11096-82-5	
PCB, Total	139	ug/kg	54.6	16.6	1	07/19/21 13:33	07/20/21 21:42	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	59	%	67-102		1	07/19/21 13:33	07/20/21 21:42	877-09-8	S0
Decachlorobiphenyl (S)	48	%	47-114		1	07/19/21 13:33	07/20/21 21:42	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	33.0	mg/kg	4.1	1.2	1	07/22/21 09:49	07/23/21 08:51		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<29.9	mg/kg	51.0	29.9	20	07/21/21 06:59	07/23/21 12:38	7440-38-2	D3
Barium	83.1	mg/kg	10.2	3.1	20	07/21/21 06:59	07/23/21 12:38	7440-39-3	
Cadmium	<2.7	mg/kg	10.2	2.7	20	07/21/21 06:59	07/23/21 12:38	7440-43-9	D3
Chromium	24.8	mg/kg	20.4	5.7	20	07/21/21 06:59	07/23/21 12:38	7440-47-3	
Lead	72.5	mg/kg	40.8	12.2	20	07/21/21 06:59	07/23/21 12:38	7439-92-1	
Selenium	<26.7	mg/kg	81.6	26.7	20	07/21/21 06:59	07/23/21 12:38	7782-49-2	D3
Silver	<6.3	mg/kg	20.4	6.3	20	07/21/21 06:59	07/23/21 12:38	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.27	mg/kg	0.038	0.011	1	07/21/21 12:00	07/22/21 11:10	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	10.0J	ug/kg	18.2	2.4	1	07/29/21 08:20	07/29/21 12:48	83-32-9	
Acenaphthylene	3.9J	ug/kg	18.2	2.3	1	07/29/21 08:20	07/29/21 12:48	208-96-8	
Anthracene	15.0J	ug/kg	18.2	2.3	1	07/29/21 08:20	07/29/21 12:48	120-12-7	
Benzo(a)anthracene	18.7	ug/kg	18.2	2.4	1	07/29/21 08:20	07/29/21 12:48	56-55-3	
Benzo(a)pyrene	21.5	ug/kg	18.2	2.1	1	07/29/21 08:20	07/29/21 12:48	50-32-8	
Benzo(b)fluoranthene	30.5	ug/kg	18.2	2.5	1	07/29/21 08:20	07/29/21 12:48	205-99-2	
Benzo(g,h,i)perylene	22.1	ug/kg	18.2	3.2	1	07/29/21 08:20	07/29/21 12:48	191-24-2	
Benzo(k)fluoranthene	10.7J	ug/kg	18.2	2.3	1	07/29/21 08:20	07/29/21 12:48	207-08-9	
Chrysene	29.8	ug/kg	18.2	3.4	1	07/29/21 08:20	07/29/21 12:48	218-01-9	
Dibenz(a,h)anthracene	5.7J	ug/kg	18.2	2.5	1	07/29/21 08:20	07/29/21 12:48	53-70-3	
Fluoranthene	38.7	ug/kg	18.2	2.2	1	07/29/21 08:20	07/29/21 12:48	206-44-0	
Fluorene	27.6	ug/kg	18.2	2.2	1	07/29/21 08:20	07/29/21 12:48	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-13 (5)**      **Lab ID: 40230183021**      Collected: 07/16/21 14:52      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	14.7J	ug/kg	18.2	3.8	1	07/29/21 08:20	07/29/21 12:48	193-39-5	
1-Methylnaphthalene	54.8	ug/kg	18.2	2.7	1	07/29/21 08:20	07/29/21 12:48	90-12-0	
2-Methylnaphthalene	135	ug/kg	18.2	2.7	1	07/29/21 08:20	07/29/21 12:48	91-57-6	
Naphthalene	59.7	ug/kg	18.2	1.8	1	07/29/21 08:20	07/29/21 12:48	91-20-3	
Phenanthrene	126	ug/kg	18.2	2.1	1	07/29/21 08:20	07/29/21 12:48	85-01-8	
Pyrene	30.7	ug/kg	18.2	2.7	1	07/29/21 08:20	07/29/21 12:48	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	79	%	36-86		1	07/29/21 08:20	07/29/21 12:48	321-60-8	
Terphenyl-d14 (S)	65	%	41-97		1	07/29/21 08:20	07/29/21 12:48	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	27.0	ug/kg	23.7	14.1	1	07/20/21 10:30	07/26/21 15:52	71-43-2	
Bromobenzene	<23.2	ug/kg	59.4	23.2	1	07/20/21 10:30	07/26/21 15:52	108-86-1	
Bromochloromethane	<16.3	ug/kg	59.4	16.3	1	07/20/21 10:30	07/26/21 15:52	74-97-5	
Bromodichloromethane	<14.1	ug/kg	59.4	14.1	1	07/20/21 10:30	07/26/21 15:52	75-27-4	
Bromoform	<261	ug/kg	297	261	1	07/20/21 10:30	07/26/21 15:52	75-25-2	
Bromomethane	<83.2	ug/kg	297	83.2	1	07/20/21 10:30	07/26/21 15:52	74-83-9	
n-Butylbenzene	<27.2	ug/kg	59.4	27.2	1	07/20/21 10:30	07/26/21 15:52	104-51-8	
sec-Butylbenzene	<14.5	ug/kg	59.4	14.5	1	07/20/21 10:30	07/26/21 15:52	135-98-8	
tert-Butylbenzene	<18.6	ug/kg	59.4	18.6	1	07/20/21 10:30	07/26/21 15:52	98-06-6	
Carbon tetrachloride	<13.1	ug/kg	59.4	13.1	1	07/20/21 10:30	07/26/21 15:52	56-23-5	
Chlorobenzene	<7.1	ug/kg	59.4	7.1	1	07/20/21 10:30	07/26/21 15:52	108-90-7	
Chloroethane	<25.1	ug/kg	297	25.1	1	07/20/21 10:30	07/26/21 15:52	75-00-3	
Chloroform	<42.5	ug/kg	297	42.5	1	07/20/21 10:30	07/26/21 15:52	67-66-3	
Chloromethane	<22.6	ug/kg	59.4	22.6	1	07/20/21 10:30	07/26/21 15:52	74-87-3	
2-Chlorotoluene	<19.2	ug/kg	59.4	19.2	1	07/20/21 10:30	07/26/21 15:52	95-49-8	
4-Chlorotoluene	<22.6	ug/kg	59.4	22.6	1	07/20/21 10:30	07/26/21 15:52	106-43-4	
1,2-Dibromo-3-chloropropane	<46.1	ug/kg	297	46.1	1	07/20/21 10:30	07/26/21 15:52	96-12-8	
Dibromochloromethane	<203	ug/kg	297	203	1	07/20/21 10:30	07/26/21 15:52	124-48-1	
1,2-Dibromoethane (EDB)	<16.3	ug/kg	59.4	16.3	1	07/20/21 10:30	07/26/21 15:52	106-93-4	
Dibromomethane	<17.6	ug/kg	59.4	17.6	1	07/20/21 10:30	07/26/21 15:52	74-95-3	
1,2-Dichlorobenzene	<18.4	ug/kg	59.4	18.4	1	07/20/21 10:30	07/26/21 15:52	95-50-1	
1,3-Dichlorobenzene	<16.3	ug/kg	59.4	16.3	1	07/20/21 10:30	07/26/21 15:52	541-73-1	
1,4-Dichlorobenzene	<16.3	ug/kg	59.4	16.3	1	07/20/21 10:30	07/26/21 15:52	106-46-7	
Dichlorodifluoromethane	<25.5	ug/kg	59.4	25.5	1	07/20/21 10:30	07/26/21 15:52	75-71-8	
1,1-Dichloroethane	<15.2	ug/kg	59.4	15.2	1	07/20/21 10:30	07/26/21 15:52	75-34-3	
1,2-Dichloroethane	<13.7	ug/kg	59.4	13.7	1	07/20/21 10:30	07/26/21 15:52	107-06-2	
1,1-Dichloroethene	<19.7	ug/kg	59.4	19.7	1	07/20/21 10:30	07/26/21 15:52	75-35-4	
cis-1,2-Dichloroethene	<12.7	ug/kg	59.4	12.7	1	07/20/21 10:30	07/26/21 15:52	156-59-2	
trans-1,2-Dichloroethene	<12.8	ug/kg	59.4	12.8	1	07/20/21 10:30	07/26/21 15:52	156-60-5	
1,2-Dichloropropane	<14.1	ug/kg	59.4	14.1	1	07/20/21 10:30	07/26/21 15:52	78-87-5	
1,3-Dichloropropane	<12.9	ug/kg	59.4	12.9	1	07/20/21 10:30	07/26/21 15:52	142-28-9	
2,2-Dichloropropane	<16.0	ug/kg	59.4	16.0	1	07/20/21 10:30	07/26/21 15:52	594-20-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-13 (5)**      **Lab ID: 40230183021**      Collected: 07/16/21 14:52      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<19.2	ug/kg	59.4	19.2	1	07/20/21 10:30	07/26/21 15:52	563-58-6	
cis-1,3-Dichloropropene	<39.2	ug/kg	297	39.2	1	07/20/21 10:30	07/26/21 15:52	10061-01-5	
trans-1,3-Dichloropropene	<170	ug/kg	297	170	1	07/20/21 10:30	07/26/21 15:52	10061-02-6	
Diisopropyl ether	<14.7	ug/kg	59.4	14.7	1	07/20/21 10:30	07/26/21 15:52	108-20-3	
Ethylbenzene	25.4J	ug/kg	59.4	14.1	1	07/20/21 10:30	07/26/21 15:52	100-41-4	
Hexachloro-1,3-butadiene	<118	ug/kg	297	118	1	07/20/21 10:30	07/26/21 15:52	87-68-3	L2
Isopropylbenzene (Cumene)	66.6	ug/kg	59.4	16.0	1	07/20/21 10:30	07/26/21 15:52	98-82-8	
p-Isopropyltoluene	<18.0	ug/kg	59.4	18.0	1	07/20/21 10:30	07/26/21 15:52	99-87-6	
Methylene Chloride	<16.5	ug/kg	59.4	16.5	1	07/20/21 10:30	07/26/21 15:52	75-09-2	
Methyl-tert-butyl ether	<17.5	ug/kg	59.4	17.5	1	07/20/21 10:30	07/26/21 15:52	1634-04-4	
Naphthalene	146J	ug/kg	297	18.5	1	07/20/21 10:30	07/26/21 15:52	91-20-3	
n-Propylbenzene	15.8J	ug/kg	59.4	14.2	1	07/20/21 10:30	07/26/21 15:52	103-65-1	
Styrene	<15.2	ug/kg	59.4	15.2	1	07/20/21 10:30	07/26/21 15:52	100-42-5	
1,1,1,2-Tetrachloroethane	<14.2	ug/kg	59.4	14.2	1	07/20/21 10:30	07/26/21 15:52	630-20-6	
1,1,2,2-Tetrachloroethane	<21.5	ug/kg	59.4	21.5	1	07/20/21 10:30	07/26/21 15:52	79-34-5	
Tetrachloroethene	<23.0	ug/kg	59.4	23.0	1	07/20/21 10:30	07/26/21 15:52	127-18-4	
Toluene	51.4J	ug/kg	59.4	15.0	1	07/20/21 10:30	07/26/21 15:52	108-88-3	
1,2,3-Trichlorobenzene	<66.1	ug/kg	297	66.1	1	07/20/21 10:30	07/26/21 15:52	87-61-6	
1,2,4-Trichlorobenzene	<48.9	ug/kg	297	48.9	1	07/20/21 10:30	07/26/21 15:52	120-82-1	
1,1,1-Trichloroethane	<15.2	ug/kg	59.4	15.2	1	07/20/21 10:30	07/26/21 15:52	71-55-6	
1,1,2-Trichloroethane	<21.6	ug/kg	59.4	21.6	1	07/20/21 10:30	07/26/21 15:52	79-00-5	
Trichloroethene	<22.2	ug/kg	59.4	22.2	1	07/20/21 10:30	07/26/21 15:52	79-01-6	
Trichlorofluoromethane	<17.2	ug/kg	59.4	17.2	1	07/20/21 10:30	07/26/21 15:52	75-69-4	
1,2,3-Trichloropropane	<28.9	ug/kg	59.4	28.9	1	07/20/21 10:30	07/26/21 15:52	96-18-4	
1,2,4-Trimethylbenzene	31.3J	ug/kg	59.4	17.7	1	07/20/21 10:30	07/26/21 15:52	95-63-6	
1,3,5-Trimethylbenzene	<19.1	ug/kg	59.4	19.1	1	07/20/21 10:30	07/26/21 15:52	108-67-8	
Vinyl chloride	<12.0	ug/kg	59.4	12.0	1	07/20/21 10:30	07/26/21 15:52	75-01-4	
m&p-Xylene	57.3J	ug/kg	119	25.1	1	07/20/21 10:30	07/26/21 15:52	179601-23-1	
o-Xylene	21.3J	ug/kg	59.4	17.8	1	07/20/21 10:30	07/26/21 15:52	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	104	%	67-159		1	07/20/21 10:30	07/26/21 15:52	2037-26-5	
4-Bromofluorobenzene (S)	105	%	66-153		1	07/20/21 10:30	07/26/21 15:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	82-158		1	07/20/21 10:30	07/26/21 15:52	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	8.6	%	0.10	0.10	1		07/19/21 14:58		
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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-14 (2)**      **Lab ID: 40230183022**      Collected: 07/16/21 14:58      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<15.9	ug/kg	52.1	15.9	1	07/20/21 10:15	07/21/21 02:55	12674-11-2	
PCB-1221 (Aroclor 1221)	<15.9	ug/kg	52.1	15.9	1	07/20/21 10:15	07/21/21 02:55	11104-28-2	
PCB-1232 (Aroclor 1232)	<15.9	ug/kg	52.1	15.9	1	07/20/21 10:15	07/21/21 02:55	11141-16-5	
PCB-1242 (Aroclor 1242)	<15.9	ug/kg	52.1	15.9	1	07/20/21 10:15	07/21/21 02:55	53469-21-9	
PCB-1248 (Aroclor 1248)	<15.9	ug/kg	52.1	15.9	1	07/20/21 10:15	07/21/21 02:55	12672-29-6	
PCB-1254 (Aroclor 1254)	<15.9	ug/kg	52.1	15.9	1	07/20/21 10:15	07/21/21 02:55	11097-69-1	
PCB-1260 (Aroclor 1260)	<15.9	ug/kg	52.1	15.9	1	07/20/21 10:15	07/21/21 02:55	11096-82-5	
PCB, Total	<15.9	ug/kg	52.1	15.9	1	07/20/21 10:15	07/21/21 02:55	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	70	%	67-102		1	07/20/21 10:15	07/21/21 02:55	877-09-8	
Decachlorobiphenyl (S)	69	%	47-114		1	07/20/21 10:15	07/21/21 02:55	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	<b>1.5J</b>	mg/kg	3.6	1.1	1	07/22/21 09:49	07/23/21 08:33		
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>1.6J</b>	mg/kg	2.6	1.5	1	07/21/21 06:59	07/21/21 17:39	7440-38-2	
Barium	<b>9.2</b>	mg/kg	0.52	0.16	1	07/21/21 06:59	07/21/21 17:39	7440-39-3	
Cadmium	<0.14	mg/kg	0.52	0.14	1	07/21/21 06:59	07/21/21 17:39	7440-43-9	
Chromium	<b>4.0</b>	mg/kg	1.0	0.29	1	07/21/21 06:59	07/21/21 17:39	7440-47-3	
Lead	<b>2.4</b>	mg/kg	2.1	0.62	1	07/21/21 06:59	07/21/21 17:39	7439-92-1	
Selenium	<1.4	mg/kg	4.1	1.4	1	07/21/21 06:59	07/21/21 17:39	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	07/21/21 06:59	07/21/21 17:39	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.023J</b>	mg/kg	0.034	0.0097	1	07/21/21 12:00	07/22/21 11:12	7439-97-6	B
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<12.9	ug/kg	21.7	12.9	1	07/20/21 10:30	07/23/21 20:21	71-43-2	
Bromobenzene	<21.1	ug/kg	54.2	21.1	1	07/20/21 10:30	07/23/21 20:21	108-86-1	
Bromochloromethane	<14.9	ug/kg	54.2	14.9	1	07/20/21 10:30	07/23/21 20:21	74-97-5	
Bromodichloromethane	<12.9	ug/kg	54.2	12.9	1	07/20/21 10:30	07/23/21 20:21	75-27-4	
Bromoform	<239	ug/kg	271	239	1	07/20/21 10:30	07/23/21 20:21	75-25-2	
Bromomethane	<76.0	ug/kg	271	76.0	1	07/20/21 10:30	07/23/21 20:21	74-83-9	
n-Butylbenzene	<24.8	ug/kg	54.2	24.8	1	07/20/21 10:30	07/23/21 20:21	104-51-8	
sec-Butylbenzene	<13.2	ug/kg	54.2	13.2	1	07/20/21 10:30	07/23/21 20:21	135-98-8	
tert-Butylbenzene	<17.0	ug/kg	54.2	17.0	1	07/20/21 10:30	07/23/21 20:21	98-06-6	
Carbon tetrachloride	<11.9	ug/kg	54.2	11.9	1	07/20/21 10:30	07/23/21 20:21	56-23-5	
Chlorobenzene	<6.5	ug/kg	54.2	6.5	1	07/20/21 10:30	07/23/21 20:21	108-90-7	
Chloroethane	<22.9	ug/kg	271	22.9	1	07/20/21 10:30	07/23/21 20:21	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Sample: P-14 (2) Lab ID: 40230183022 Collected: 07/16/21 14:58 Received: 07/17/21 09:00 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroform	<38.8	ug/kg	271	38.8	1	07/20/21 10:30	07/23/21 20:21	67-66-3	
Chloromethane	<20.6	ug/kg	54.2	20.6	1	07/20/21 10:30	07/23/21 20:21	74-87-3	
2-Chlorotoluene	<17.6	ug/kg	54.2	17.6	1	07/20/21 10:30	07/23/21 20:21	95-49-8	
4-Chlorotoluene	<20.6	ug/kg	54.2	20.6	1	07/20/21 10:30	07/23/21 20:21	106-43-4	
1,2-Dibromo-3-chloropropane	<42.1	ug/kg	271	42.1	1	07/20/21 10:30	07/23/21 20:21	96-12-8	
Dibromochloromethane	<185	ug/kg	271	185	1	07/20/21 10:30	07/23/21 20:21	124-48-1	
1,2-Dibromoethane (EDB)	<14.9	ug/kg	54.2	14.9	1	07/20/21 10:30	07/23/21 20:21	106-93-4	
Dibromomethane	<16.0	ug/kg	54.2	16.0	1	07/20/21 10:30	07/23/21 20:21	74-95-3	
1,2-Dichlorobenzene	<16.8	ug/kg	54.2	16.8	1	07/20/21 10:30	07/23/21 20:21	95-50-1	
1,3-Dichlorobenzene	<14.9	ug/kg	54.2	14.9	1	07/20/21 10:30	07/23/21 20:21	541-73-1	
1,4-Dichlorobenzene	<14.9	ug/kg	54.2	14.9	1	07/20/21 10:30	07/23/21 20:21	106-46-7	
Dichlorodifluoromethane	<23.3	ug/kg	54.2	23.3	1	07/20/21 10:30	07/23/21 20:21	75-71-8	
1,1-Dichloroethane	<13.9	ug/kg	54.2	13.9	1	07/20/21 10:30	07/23/21 20:21	75-34-3	
1,2-Dichloroethane	<12.5	ug/kg	54.2	12.5	1	07/20/21 10:30	07/23/21 20:21	107-06-2	
1,1-Dichloroethene	<18.0	ug/kg	54.2	18.0	1	07/20/21 10:30	07/23/21 20:21	75-35-4	
cis-1,2-Dichloroethene	<11.6	ug/kg	54.2	11.6	1	07/20/21 10:30	07/23/21 20:21	156-59-2	
trans-1,2-Dichloroethene	<11.7	ug/kg	54.2	11.7	1	07/20/21 10:30	07/23/21 20:21	156-60-5	
1,2-Dichloropropane	<12.9	ug/kg	54.2	12.9	1	07/20/21 10:30	07/23/21 20:21	78-87-5	
1,3-Dichloropropane	<11.8	ug/kg	54.2	11.8	1	07/20/21 10:30	07/23/21 20:21	142-28-9	
2,2-Dichloropropane	<14.6	ug/kg	54.2	14.6	1	07/20/21 10:30	07/23/21 20:21	594-20-7	
1,1-Dichloropropene	<17.6	ug/kg	54.2	17.6	1	07/20/21 10:30	07/23/21 20:21	563-58-6	
cis-1,3-Dichloropropene	<35.8	ug/kg	271	35.8	1	07/20/21 10:30	07/23/21 20:21	10061-01-5	
trans-1,3-Dichloropropene	<155	ug/kg	271	155	1	07/20/21 10:30	07/23/21 20:21	10061-02-6	
Diisopropyl ether	<13.4	ug/kg	54.2	13.4	1	07/20/21 10:30	07/23/21 20:21	108-20-3	
Ethylbenzene	<12.9	ug/kg	54.2	12.9	1	07/20/21 10:30	07/23/21 20:21	100-41-4	
Hexachloro-1,3-butadiene	<108	ug/kg	271	108	1	07/20/21 10:30	07/23/21 20:21	87-68-3	L2
Isopropylbenzene (Cumene)	<14.6	ug/kg	54.2	14.6	1	07/20/21 10:30	07/23/21 20:21	98-82-8	
p-Isopropyltoluene	<16.5	ug/kg	54.2	16.5	1	07/20/21 10:30	07/23/21 20:21	99-87-6	
Methylene Chloride	<15.1	ug/kg	54.2	15.1	1	07/20/21 10:30	07/23/21 20:21	75-09-2	
Methyl-tert-butyl ether	<15.9	ug/kg	54.2	15.9	1	07/20/21 10:30	07/23/21 20:21	1634-04-4	
Naphthalene	<16.9	ug/kg	271	16.9	1	07/20/21 10:30	07/23/21 20:21	91-20-3	
n-Propylbenzene	<13.0	ug/kg	54.2	13.0	1	07/20/21 10:30	07/23/21 20:21	103-65-1	
Styrene	<13.9	ug/kg	54.2	13.9	1	07/20/21 10:30	07/23/21 20:21	100-42-5	
1,1,1,2-Tetrachloroethane	<13.0	ug/kg	54.2	13.0	1	07/20/21 10:30	07/23/21 20:21	630-20-6	
1,1,1,2,2-Tetrachloroethane	<19.6	ug/kg	54.2	19.6	1	07/20/21 10:30	07/23/21 20:21	79-34-5	
Tetrachloroethene	<21.0	ug/kg	54.2	21.0	1	07/20/21 10:30	07/23/21 20:21	127-18-4	
Toluene	<13.7	ug/kg	54.2	13.7	1	07/20/21 10:30	07/23/21 20:21	108-88-3	
1,2,3-Trichlorobenzene	<60.4	ug/kg	271	60.4	1	07/20/21 10:30	07/23/21 20:21	87-61-6	
1,2,4-Trichlorobenzene	<44.7	ug/kg	271	44.7	1	07/20/21 10:30	07/23/21 20:21	120-82-1	
1,1,1-Trichloroethane	<13.9	ug/kg	54.2	13.9	1	07/20/21 10:30	07/23/21 20:21	71-55-6	
1,1,2-Trichloroethane	<19.7	ug/kg	54.2	19.7	1	07/20/21 10:30	07/23/21 20:21	79-00-5	
Trichloroethene	<20.3	ug/kg	54.2	20.3	1	07/20/21 10:30	07/23/21 20:21	79-01-6	
Trichlorofluoromethane	<15.7	ug/kg	54.2	15.7	1	07/20/21 10:30	07/23/21 20:21	75-69-4	
1,2,3-Trichloropropane	<26.4	ug/kg	54.2	26.4	1	07/20/21 10:30	07/23/21 20:21	96-18-4	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-14 (2)**      **Lab ID: 40230183022**      Collected: 07/16/21 14:58      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	<16.2	ug/kg	54.2	16.2	1	07/20/21 10:30	07/23/21 20:21	95-63-6	
1,3,5-Trimethylbenzene	<17.5	ug/kg	54.2	17.5	1	07/20/21 10:30	07/23/21 20:21	108-67-8	
Vinyl chloride	<11.0	ug/kg	54.2	11.0	1	07/20/21 10:30	07/23/21 20:21	75-01-4	
m&p-Xylene	<22.9	ug/kg	108	22.9	1	07/20/21 10:30	07/23/21 20:21	179601-23-1	
o-Xylene	<16.3	ug/kg	54.2	16.3	1	07/20/21 10:30	07/23/21 20:21	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	113	%	67-159		1	07/20/21 10:30	07/23/21 20:21	2037-26-5	
4-Bromofluorobenzene (S)	107	%	66-153		1	07/20/21 10:30	07/23/21 20:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	82-158		1	07/20/21 10:30	07/23/21 20:21	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	4.1	%	0.10	0.10	1		07/19/21 14:58		

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-14 (5)**      **Lab ID: 40230183023**      Collected: 07/16/21 15:00      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<15.8	ug/kg	52.0	15.8	1	07/20/21 10:15	07/21/21 09:39	12674-11-2	
PCB-1221 (Aroclor 1221)	<15.8	ug/kg	52.0	15.8	1	07/20/21 10:15	07/21/21 09:39	11104-28-2	
PCB-1232 (Aroclor 1232)	<15.8	ug/kg	52.0	15.8	1	07/20/21 10:15	07/21/21 09:39	11141-16-5	
PCB-1242 (Aroclor 1242)	<15.8	ug/kg	52.0	15.8	1	07/20/21 10:15	07/21/21 09:39	53469-21-9	
PCB-1248 (Aroclor 1248)	<15.8	ug/kg	52.0	15.8	1	07/20/21 10:15	07/21/21 09:39	12672-29-6	
PCB-1254 (Aroclor 1254)	<15.8	ug/kg	52.0	15.8	1	07/20/21 10:15	07/21/21 09:39	11097-69-1	
PCB-1260 (Aroclor 1260)	<15.8	ug/kg	52.0	15.8	1	07/20/21 10:15	07/21/21 09:39	11096-82-5	
PCB, Total	<15.8	ug/kg	52.0	15.8	1	07/20/21 10:15	07/21/21 09:39	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	75	%	67-102		1	07/20/21 10:15	07/21/21 09:39	877-09-8	
Decachlorobiphenyl (S)	62	%	47-114		1	07/20/21 10:15	07/21/21 09:39	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	<1.1	mg/kg	3.7	1.1	1	07/22/21 09:49	07/23/21 08:42		
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<1.5	mg/kg	2.6	1.5	1	07/21/21 06:59	07/21/21 17:49	7440-38-2	
Barium	10.2	mg/kg	0.51	0.15	1	07/21/21 06:59	07/21/21 17:49	7440-39-3	
Cadmium	<0.14	mg/kg	0.51	0.14	1	07/21/21 06:59	07/21/21 17:49	7440-43-9	
Chromium	3.9	mg/kg	1.0	0.29	1	07/21/21 06:59	07/21/21 17:49	7440-47-3	
Lead	2.4	mg/kg	2.1	0.62	1	07/21/21 06:59	07/21/21 17:49	7439-92-1	
Selenium	<1.3	mg/kg	4.1	1.3	1	07/21/21 06:59	07/21/21 17:49	7782-49-2	
Silver	<0.32	mg/kg	1.0	0.32	1	07/21/21 06:59	07/21/21 17:49	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.027J	mg/kg	0.033	0.0094	1	07/21/21 12:00	07/22/21 11:15	7439-97-6	B
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<12.9	ug/kg	21.6	12.9	1	07/20/21 10:30	07/23/21 20:41	71-43-2	
Bromobenzene	<21.1	ug/kg	54.1	21.1	1	07/20/21 10:30	07/23/21 20:41	108-86-1	
Bromochloromethane	<14.8	ug/kg	54.1	14.8	1	07/20/21 10:30	07/23/21 20:41	74-97-5	
Bromodichloromethane	<12.9	ug/kg	54.1	12.9	1	07/20/21 10:30	07/23/21 20:41	75-27-4	
Bromoform	<238	ug/kg	270	238	1	07/20/21 10:30	07/23/21 20:41	75-25-2	
Bromomethane	<75.8	ug/kg	270	75.8	1	07/20/21 10:30	07/23/21 20:41	74-83-9	
n-Butylbenzene	<24.8	ug/kg	54.1	24.8	1	07/20/21 10:30	07/23/21 20:41	104-51-8	
sec-Butylbenzene	<13.2	ug/kg	54.1	13.2	1	07/20/21 10:30	07/23/21 20:41	135-98-8	
tert-Butylbenzene	<17.0	ug/kg	54.1	17.0	1	07/20/21 10:30	07/23/21 20:41	98-06-6	
Carbon tetrachloride	<11.9	ug/kg	54.1	11.9	1	07/20/21 10:30	07/23/21 20:41	56-23-5	
Chlorobenzene	<6.5	ug/kg	54.1	6.5	1	07/20/21 10:30	07/23/21 20:41	108-90-7	
Chloroethane	<22.8	ug/kg	270	22.8	1	07/20/21 10:30	07/23/21 20:41	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Sample: P-14 (5) Lab ID: 40230183023 Collected: 07/16/21 15:00 Received: 07/17/21 09:00 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroform	<38.7	ug/kg	270	38.7	1	07/20/21 10:30	07/23/21 20:41	67-66-3	
Chloromethane	<20.6	ug/kg	54.1	20.6	1	07/20/21 10:30	07/23/21 20:41	74-87-3	
2-Chlorotoluene	<17.5	ug/kg	54.1	17.5	1	07/20/21 10:30	07/23/21 20:41	95-49-8	
4-Chlorotoluene	<20.6	ug/kg	54.1	20.6	1	07/20/21 10:30	07/23/21 20:41	106-43-4	
1,2-Dibromo-3-chloropropane	<42.0	ug/kg	270	42.0	1	07/20/21 10:30	07/23/21 20:41	96-12-8	
Dibromochloromethane	<185	ug/kg	270	185	1	07/20/21 10:30	07/23/21 20:41	124-48-1	
1,2-Dibromoethane (EDB)	<14.8	ug/kg	54.1	14.8	1	07/20/21 10:30	07/23/21 20:41	106-93-4	
Dibromomethane	<16.0	ug/kg	54.1	16.0	1	07/20/21 10:30	07/23/21 20:41	74-95-3	
1,2-Dichlorobenzene	<16.8	ug/kg	54.1	16.8	1	07/20/21 10:30	07/23/21 20:41	95-50-1	
1,3-Dichlorobenzene	<14.8	ug/kg	54.1	14.8	1	07/20/21 10:30	07/23/21 20:41	541-73-1	
1,4-Dichlorobenzene	<14.8	ug/kg	54.1	14.8	1	07/20/21 10:30	07/23/21 20:41	106-46-7	
Dichlorodifluoromethane	<23.3	ug/kg	54.1	23.3	1	07/20/21 10:30	07/23/21 20:41	75-71-8	
1,1-Dichloroethane	<13.8	ug/kg	54.1	13.8	1	07/20/21 10:30	07/23/21 20:41	75-34-3	
1,2-Dichloroethane	<12.4	ug/kg	54.1	12.4	1	07/20/21 10:30	07/23/21 20:41	107-06-2	
1,1-Dichloroethene	<18.0	ug/kg	54.1	18.0	1	07/20/21 10:30	07/23/21 20:41	75-35-4	
cis-1,2-Dichloroethene	<11.6	ug/kg	54.1	11.6	1	07/20/21 10:30	07/23/21 20:41	156-59-2	
trans-1,2-Dichloroethene	<11.7	ug/kg	54.1	11.7	1	07/20/21 10:30	07/23/21 20:41	156-60-5	
1,2-Dichloropropane	<12.9	ug/kg	54.1	12.9	1	07/20/21 10:30	07/23/21 20:41	78-87-5	
1,3-Dichloropropane	<11.8	ug/kg	54.1	11.8	1	07/20/21 10:30	07/23/21 20:41	142-28-9	
2,2-Dichloropropane	<14.6	ug/kg	54.1	14.6	1	07/20/21 10:30	07/23/21 20:41	594-20-7	
1,1-Dichloropropene	<17.5	ug/kg	54.1	17.5	1	07/20/21 10:30	07/23/21 20:41	563-58-6	
cis-1,3-Dichloropropene	<35.7	ug/kg	270	35.7	1	07/20/21 10:30	07/23/21 20:41	10061-01-5	
trans-1,3-Dichloropropene	<155	ug/kg	270	155	1	07/20/21 10:30	07/23/21 20:41	10061-02-6	
Diisopropyl ether	<13.4	ug/kg	54.1	13.4	1	07/20/21 10:30	07/23/21 20:41	108-20-3	
Ethylbenzene	<12.9	ug/kg	54.1	12.9	1	07/20/21 10:30	07/23/21 20:41	100-41-4	
Hexachloro-1,3-butadiene	<108	ug/kg	270	108	1	07/20/21 10:30	07/23/21 20:41	87-68-3	L2
Isopropylbenzene (Cumene)	<14.6	ug/kg	54.1	14.6	1	07/20/21 10:30	07/23/21 20:41	98-82-8	
p-Isopropyltoluene	<16.4	ug/kg	54.1	16.4	1	07/20/21 10:30	07/23/21 20:41	99-87-6	
Methylene Chloride	<15.0	ug/kg	54.1	15.0	1	07/20/21 10:30	07/23/21 20:41	75-09-2	
Methyl-tert-butyl ether	<15.9	ug/kg	54.1	15.9	1	07/20/21 10:30	07/23/21 20:41	1634-04-4	
Naphthalene	<16.9	ug/kg	270	16.9	1	07/20/21 10:30	07/23/21 20:41	91-20-3	
n-Propylbenzene	<13.0	ug/kg	54.1	13.0	1	07/20/21 10:30	07/23/21 20:41	103-65-1	
Styrene	<13.8	ug/kg	54.1	13.8	1	07/20/21 10:30	07/23/21 20:41	100-42-5	
1,1,1,2-Tetrachloroethane	<13.0	ug/kg	54.1	13.0	1	07/20/21 10:30	07/23/21 20:41	630-20-6	
1,1,1,2,2-Tetrachloroethane	<19.6	ug/kg	54.1	19.6	1	07/20/21 10:30	07/23/21 20:41	79-34-5	
Tetrachloroethene	<21.0	ug/kg	54.1	21.0	1	07/20/21 10:30	07/23/21 20:41	127-18-4	
Toluene	<13.6	ug/kg	54.1	13.6	1	07/20/21 10:30	07/23/21 20:41	108-88-3	
1,2,3-Trichlorobenzene	<60.3	ug/kg	270	60.3	1	07/20/21 10:30	07/23/21 20:41	87-61-6	
1,2,4-Trichlorobenzene	<44.6	ug/kg	270	44.6	1	07/20/21 10:30	07/23/21 20:41	120-82-1	
1,1,1-Trichloroethane	<13.8	ug/kg	54.1	13.8	1	07/20/21 10:30	07/23/21 20:41	71-55-6	
1,1,2-Trichloroethane	<19.7	ug/kg	54.1	19.7	1	07/20/21 10:30	07/23/21 20:41	79-00-5	
Trichloroethene	<20.2	ug/kg	54.1	20.2	1	07/20/21 10:30	07/23/21 20:41	79-01-6	
Trichlorofluoromethane	<15.7	ug/kg	54.1	15.7	1	07/20/21 10:30	07/23/21 20:41	75-69-4	
1,2,3-Trichloropropane	<26.3	ug/kg	54.1	26.3	1	07/20/21 10:30	07/23/21 20:41	96-18-4	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-14 (5)**      **Lab ID: 40230183023**      Collected: 07/16/21 15:00      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,2,4-Trimethylbenzene	<16.1	ug/kg	54.1	16.1	1	07/20/21 10:30	07/23/21 20:41	95-63-6	
1,3,5-Trimethylbenzene	<17.4	ug/kg	54.1	17.4	1	07/20/21 10:30	07/23/21 20:41	108-67-8	
Vinyl chloride	<10.9	ug/kg	54.1	10.9	1	07/20/21 10:30	07/23/21 20:41	75-01-4	
m&p-Xylene	<22.8	ug/kg	108	22.8	1	07/20/21 10:30	07/23/21 20:41	179601-23-1	
o-Xylene	<16.2	ug/kg	54.1	16.2	1	07/20/21 10:30	07/23/21 20:41	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	109	%	67-159		1	07/20/21 10:30	07/23/21 20:41	2037-26-5	
4-Bromofluorobenzene (S)	104	%	66-153		1	07/20/21 10:30	07/23/21 20:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	82-158		1	07/20/21 10:30	07/23/21 20:41	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	3.9	%	0.10	0.10	1		07/19/21 14:59		

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-8 (4)**      **Lab ID: 40230183024**      Collected: 07/16/21 16:00      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<19.0	ug/kg	62.3	19.0	1	07/20/21 10:15	07/21/21 08:50	12674-11-2	
PCB-1221 (Aroclor 1221)	<19.0	ug/kg	62.3	19.0	1	07/20/21 10:15	07/21/21 08:50	11104-28-2	
PCB-1232 (Aroclor 1232)	<19.0	ug/kg	62.3	19.0	1	07/20/21 10:15	07/21/21 08:50	11141-16-5	
PCB-1242 (Aroclor 1242)	<19.0	ug/kg	62.3	19.0	1	07/20/21 10:15	07/21/21 08:50	53469-21-9	
PCB-1248 (Aroclor 1248)	<19.0	ug/kg	62.3	19.0	1	07/20/21 10:15	07/21/21 08:50	12672-29-6	
PCB-1254 (Aroclor 1254)	<19.0	ug/kg	62.3	19.0	1	07/20/21 10:15	07/21/21 08:50	11097-69-1	
PCB-1260 (Aroclor 1260)	<19.0	ug/kg	62.3	19.0	1	07/20/21 10:15	07/21/21 08:50	11096-82-5	
PCB, Total	<19.0	ug/kg	62.3	19.0	1	07/20/21 10:15	07/21/21 08:50	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	62	%	67-102		1	07/20/21 10:15	07/21/21 08:50	877-09-8	S0
Decachlorobiphenyl (S)	48	%	47-114		1	07/20/21 10:15	07/21/21 08:50	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	420	mg/kg	43.0	12.9	10	07/22/21 09:49	07/23/21 11:37		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	27.6	mg/kg	15.1	8.8	5	07/21/21 06:59	07/22/21 13:13	7440-38-2	
Barium	106	mg/kg	3.0	0.90	5	07/21/21 06:59	07/22/21 13:13	7440-39-3	
Cadmium	40.6	mg/kg	3.0	0.80	5	07/21/21 06:59	07/22/21 13:13	7440-43-9	
Chromium	42.1	mg/kg	6.0	1.7	5	07/21/21 06:59	07/22/21 13:13	7440-47-3	
Lead	6100	mg/kg	12.1	3.6	5	07/21/21 06:59	07/22/21 13:13	7439-92-1	
Selenium	<7.9	mg/kg	24.1	7.9	5	07/21/21 06:59	07/22/21 13:13	7782-49-2	D3
Silver	19.7	mg/kg	6.0	1.9	5	07/21/21 06:59	07/22/21 13:13	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	1.0	mg/kg	0.042	0.012	1	07/21/21 12:00	07/22/21 11:17	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	96.2J	ug/kg	166	21.5	8	07/29/21 08:20	07/29/21 19:08	83-32-9	
Acenaphthylene	49.1J	ug/kg	166	20.9	8	07/29/21 08:20	07/29/21 19:08	208-96-8	
Anthracene	167	ug/kg	166	20.6	8	07/29/21 08:20	07/29/21 19:08	120-12-7	
Benzo(a)anthracene	388	ug/kg	166	21.5	8	07/29/21 08:20	07/29/21 19:08	56-55-3	
Benzo(a)pyrene	362	ug/kg	166	18.9	8	07/29/21 08:20	07/29/21 19:08	50-32-8	
Benzo(b)fluoranthene	646	ug/kg	166	23.1	8	07/29/21 08:20	07/29/21 19:08	205-99-2	
Benzo(g,h,i)perylene	121J	ug/kg	166	29.2	8	07/29/21 08:20	07/29/21 19:08	191-24-2	
Benzo(k)fluoranthene	191	ug/kg	166	21.2	8	07/29/21 08:20	07/29/21 19:08	207-08-9	
Chrysene	673	ug/kg	166	31.3	8	07/29/21 08:20	07/29/21 19:08	218-01-9	
Dibenz(a,h)anthracene	68.2J	ug/kg	166	23.0	8	07/29/21 08:20	07/29/21 19:08	53-70-3	
Fluoranthene	618	ug/kg	166	19.7	8	07/29/21 08:20	07/29/21 19:08	206-44-0	
Fluorene	91.5J	ug/kg	166	19.9	8	07/29/21 08:20	07/29/21 19:08	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-8 (4)**      **Lab ID: 40230183024**      Collected: 07/16/21 16:00      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM      Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>95.6J</b>	ug/kg	166	34.6	8	07/29/21 08:20	07/29/21 19:08	193-39-5	
1-Methylnaphthalene	<b>415</b>	ug/kg	166	24.3	8	07/29/21 08:20	07/29/21 19:08	90-12-0	
2-Methylnaphthalene	<b>569</b>	ug/kg	166	24.3	8	07/29/21 08:20	07/29/21 19:08	91-57-6	
Naphthalene	<b>521</b>	ug/kg	166	16.2	8	07/29/21 08:20	07/29/21 19:08	91-20-3	
Phenanthrene	<b>1050</b>	ug/kg	166	19.0	8	07/29/21 08:20	07/29/21 19:08	85-01-8	
Pyrene	<b>672</b>	ug/kg	166	24.4	8	07/29/21 08:20	07/29/21 19:08	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	47	%	36-86		8	07/29/21 08:20	07/29/21 19:08	321-60-8	
Terphenyl-d14 (S)	54	%	41-97		8	07/29/21 08:20	07/29/21 19:08	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>55.0</b>	ug/kg	29.8	17.7	1	07/20/21 10:30	07/23/21 21:00	71-43-2	
Bromobenzene	<b>&lt;29.0</b>	ug/kg	74.5	29.0	1	07/20/21 10:30	07/23/21 21:00	108-86-1	
Bromochloromethane	<b>&lt;20.4</b>	ug/kg	74.5	20.4	1	07/20/21 10:30	07/23/21 21:00	74-97-5	
Bromodichloromethane	<b>&lt;17.7</b>	ug/kg	74.5	17.7	1	07/20/21 10:30	07/23/21 21:00	75-27-4	
Bromoform	<b>&lt;328</b>	ug/kg	372	328	1	07/20/21 10:30	07/23/21 21:00	75-25-2	
Bromomethane	<b>&lt;104</b>	ug/kg	372	104	1	07/20/21 10:30	07/23/21 21:00	74-83-9	
n-Butylbenzene	<b>&lt;34.1</b>	ug/kg	74.5	34.1	1	07/20/21 10:30	07/23/21 21:00	104-51-8	
sec-Butylbenzene	<b>&lt;18.2</b>	ug/kg	74.5	18.2	1	07/20/21 10:30	07/23/21 21:00	135-98-8	
tert-Butylbenzene	<b>&lt;23.4</b>	ug/kg	74.5	23.4	1	07/20/21 10:30	07/23/21 21:00	98-06-6	
Carbon tetrachloride	<b>&lt;16.4</b>	ug/kg	74.5	16.4	1	07/20/21 10:30	07/23/21 21:00	56-23-5	
Chlorobenzene	<b>&lt;8.9</b>	ug/kg	74.5	8.9	1	07/20/21 10:30	07/23/21 21:00	108-90-7	
Chloroethane	<b>&lt;31.4</b>	ug/kg	372	31.4	1	07/20/21 10:30	07/23/21 21:00	75-00-3	
Chloroform	<b>&lt;53.3</b>	ug/kg	372	53.3	1	07/20/21 10:30	07/23/21 21:00	67-66-3	
Chloromethane	<b>&lt;28.3</b>	ug/kg	74.5	28.3	1	07/20/21 10:30	07/23/21 21:00	74-87-3	
2-Chlorotoluene	<b>&lt;24.1</b>	ug/kg	74.5	24.1	1	07/20/21 10:30	07/23/21 21:00	95-49-8	
4-Chlorotoluene	<b>&lt;28.3</b>	ug/kg	74.5	28.3	1	07/20/21 10:30	07/23/21 21:00	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;57.8</b>	ug/kg	372	57.8	1	07/20/21 10:30	07/23/21 21:00	96-12-8	
Dibromochloromethane	<b>&lt;255</b>	ug/kg	372	255	1	07/20/21 10:30	07/23/21 21:00	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;20.4</b>	ug/kg	74.5	20.4	1	07/20/21 10:30	07/23/21 21:00	106-93-4	
Dibromomethane	<b>&lt;22.0</b>	ug/kg	74.5	22.0	1	07/20/21 10:30	07/23/21 21:00	74-95-3	
1,2-Dichlorobenzene	<b>&lt;23.1</b>	ug/kg	74.5	23.1	1	07/20/21 10:30	07/23/21 21:00	95-50-1	
1,3-Dichlorobenzene	<b>&lt;20.4</b>	ug/kg	74.5	20.4	1	07/20/21 10:30	07/23/21 21:00	541-73-1	
1,4-Dichlorobenzene	<b>&lt;20.4</b>	ug/kg	74.5	20.4	1	07/20/21 10:30	07/23/21 21:00	106-46-7	
Dichlorodifluoromethane	<b>&lt;32.0</b>	ug/kg	74.5	32.0	1	07/20/21 10:30	07/23/21 21:00	75-71-8	
1,1-Dichloroethane	<b>&lt;19.1</b>	ug/kg	74.5	19.1	1	07/20/21 10:30	07/23/21 21:00	75-34-3	
1,2-Dichloroethane	<b>&lt;17.1</b>	ug/kg	74.5	17.1	1	07/20/21 10:30	07/23/21 21:00	107-06-2	
1,1-Dichloroethene	<b>&lt;24.7</b>	ug/kg	74.5	24.7	1	07/20/21 10:30	07/23/21 21:00	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;15.9</b>	ug/kg	74.5	15.9	1	07/20/21 10:30	07/23/21 21:00	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;16.1</b>	ug/kg	74.5	16.1	1	07/20/21 10:30	07/23/21 21:00	156-60-5	
1,2-Dichloropropane	<b>&lt;17.7</b>	ug/kg	74.5	17.7	1	07/20/21 10:30	07/23/21 21:00	78-87-5	
1,3-Dichloropropane	<b>&lt;16.2</b>	ug/kg	74.5	16.2	1	07/20/21 10:30	07/23/21 21:00	142-28-9	
2,2-Dichloropropane	<b>&lt;20.1</b>	ug/kg	74.5	20.1	1	07/20/21 10:30	07/23/21 21:00	594-20-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-8 (4)**      **Lab ID: 40230183024**      Collected: 07/16/21 16:00      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<24.1	ug/kg	74.5	24.1	1	07/20/21 10:30	07/23/21 21:00	563-58-6	
cis-1,3-Dichloropropene	<49.2	ug/kg	372	49.2	1	07/20/21 10:30	07/23/21 21:00	10061-01-5	
trans-1,3-Dichloropropene	<213	ug/kg	372	213	1	07/20/21 10:30	07/23/21 21:00	10061-02-6	
Diisopropyl ether	<18.5	ug/kg	74.5	18.5	1	07/20/21 10:30	07/23/21 21:00	108-20-3	
Ethylbenzene	31.5J	ug/kg	74.5	17.7	1	07/20/21 10:30	07/23/21 21:00	100-41-4	
Hexachloro-1,3-butadiene	<148	ug/kg	372	148	1	07/20/21 10:30	07/23/21 21:00	87-68-3	L2
Isopropylbenzene (Cumene)	<20.1	ug/kg	74.5	20.1	1	07/20/21 10:30	07/23/21 21:00	98-82-8	
p-Isopropyltoluene	<22.6	ug/kg	74.5	22.6	1	07/20/21 10:30	07/23/21 21:00	99-87-6	
Methylene Chloride	<20.7	ug/kg	74.5	20.7	1	07/20/21 10:30	07/23/21 21:00	75-09-2	
Methyl-tert-butyl ether	<21.9	ug/kg	74.5	21.9	1	07/20/21 10:30	07/23/21 21:00	1634-04-4	
Naphthalene	214J	ug/kg	372	23.2	1	07/20/21 10:30	07/23/21 21:00	91-20-3	
n-Propylbenzene	<17.9	ug/kg	74.5	17.9	1	07/20/21 10:30	07/23/21 21:00	103-65-1	
Styrene	<19.1	ug/kg	74.5	19.1	1	07/20/21 10:30	07/23/21 21:00	100-42-5	
1,1,1,2-Tetrachloroethane	<17.9	ug/kg	74.5	17.9	1	07/20/21 10:30	07/23/21 21:00	630-20-6	
1,1,2,2-Tetrachloroethane	<27.0	ug/kg	74.5	27.0	1	07/20/21 10:30	07/23/21 21:00	79-34-5	
Tetrachloroethene	62.5J	ug/kg	74.5	28.9	1	07/20/21 10:30	07/23/21 21:00	127-18-4	
Toluene	221	ug/kg	74.5	18.8	1	07/20/21 10:30	07/23/21 21:00	108-88-3	
1,2,3-Trichlorobenzene	<83.0	ug/kg	372	83.0	1	07/20/21 10:30	07/23/21 21:00	87-61-6	
1,2,4-Trichlorobenzene	<61.4	ug/kg	372	61.4	1	07/20/21 10:30	07/23/21 21:00	120-82-1	
1,1,1-Trichloroethane	<19.1	ug/kg	74.5	19.1	1	07/20/21 10:30	07/23/21 21:00	71-55-6	
1,1,2-Trichloroethane	<27.1	ug/kg	74.5	27.1	1	07/20/21 10:30	07/23/21 21:00	79-00-5	
Trichloroethene	66.9J	ug/kg	74.5	27.9	1	07/20/21 10:30	07/23/21 21:00	79-01-6	
Trichlorofluoromethane	<21.6	ug/kg	74.5	21.6	1	07/20/21 10:30	07/23/21 21:00	75-69-4	
1,2,3-Trichloropropane	<36.2	ug/kg	74.5	36.2	1	07/20/21 10:30	07/23/21 21:00	96-18-4	
1,2,4-Trimethylbenzene	52.9J	ug/kg	74.5	22.2	1	07/20/21 10:30	07/23/21 21:00	95-63-6	
1,3,5-Trimethylbenzene	<24.0	ug/kg	74.5	24.0	1	07/20/21 10:30	07/23/21 21:00	108-67-8	
Vinyl chloride	<15.0	ug/kg	74.5	15.0	1	07/20/21 10:30	07/23/21 21:00	75-01-4	
m&p-Xylene	151	ug/kg	149	31.4	1	07/20/21 10:30	07/23/21 21:00	179601-23-1	
o-Xylene	71.7J	ug/kg	74.5	22.3	1	07/20/21 10:30	07/23/21 21:00	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	120	%	67-159		1	07/20/21 10:30	07/23/21 21:00	2037-26-5	
4-Bromofluorobenzene (S)	105	%	66-153		1	07/20/21 10:30	07/23/21 21:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	82-158		1	07/20/21 10:30	07/23/21 21:00	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	19.7	%	0.10	0.10	1		07/19/21 14:59		
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### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-8 (7)**      **Lab ID: 40230183025**      Collected: 07/16/21 16:02      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<18.1	ug/kg	59.6	18.1	1	07/20/21 10:15	07/21/21 10:28	12674-11-2	
PCB-1221 (Aroclor 1221)	<18.1	ug/kg	59.6	18.1	1	07/20/21 10:15	07/21/21 10:28	11104-28-2	
PCB-1232 (Aroclor 1232)	<18.1	ug/kg	59.6	18.1	1	07/20/21 10:15	07/21/21 10:28	11141-16-5	
PCB-1242 (Aroclor 1242)	<18.1	ug/kg	59.6	18.1	1	07/20/21 10:15	07/21/21 10:28	53469-21-9	
PCB-1248 (Aroclor 1248)	<18.1	ug/kg	59.6	18.1	1	07/20/21 10:15	07/21/21 10:28	12672-29-6	
PCB-1254 (Aroclor 1254)	<18.1	ug/kg	59.6	18.1	1	07/20/21 10:15	07/21/21 10:28	11097-69-1	
PCB-1260 (Aroclor 1260)	<18.1	ug/kg	59.6	18.1	1	07/20/21 10:15	07/21/21 10:28	11096-82-5	
PCB, Total	<18.1	ug/kg	59.6	18.1	1	07/20/21 10:15	07/21/21 10:28	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	74	%	67-102		1	07/20/21 10:15	07/21/21 10:28	877-09-8	
Decachlorobiphenyl (S)	65	%	47-114		1	07/20/21 10:15	07/21/21 10:28	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	<b>189</b>	mg/kg	18.7	5.6	4	07/22/21 09:49	07/23/21 11:46		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<b>2.0J</b>	mg/kg	3.0	1.7	1	07/21/21 06:59	07/21/21 17:57	7440-38-2	
Barium	<b>85.2</b>	mg/kg	0.60	0.18	1	07/21/21 06:59	07/21/21 17:57	7440-39-3	
Cadmium	<b>4.5</b>	mg/kg	0.60	0.16	1	07/21/21 06:59	07/21/21 17:57	7440-43-9	
Chromium	<b>28.2</b>	mg/kg	1.2	0.33	1	07/21/21 06:59	07/21/21 17:57	7440-47-3	
Lead	<b>502</b>	mg/kg	2.4	0.71	1	07/21/21 06:59	07/21/21 17:57	7439-92-1	
Selenium	<1.6	mg/kg	4.8	1.6	1	07/21/21 06:59	07/21/21 17:57	7782-49-2	
Silver	<0.37	mg/kg	1.2	0.37	1	07/21/21 06:59	07/21/21 17:57	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<b>0.078</b>	mg/kg	0.040	0.011	1	07/21/21 12:00	07/22/21 11:19	7439-97-6	B
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<2.6	ug/kg	19.9	2.6	1	07/29/21 08:20	07/29/21 13:05	83-32-9	
Acenaphthylene	<2.5	ug/kg	19.9	2.5	1	07/29/21 08:20	07/29/21 13:05	208-96-8	
Anthracene	<2.5	ug/kg	19.9	2.5	1	07/29/21 08:20	07/29/21 13:05	120-12-7	
Benzo(a)anthracene	<b>4.5J</b>	ug/kg	19.9	2.6	1	07/29/21 08:20	07/29/21 13:05	56-55-3	
Benzo(a)pyrene	<b>3.2J</b>	ug/kg	19.9	2.3	1	07/29/21 08:20	07/29/21 13:05	50-32-8	
Benzo(b)fluoranthene	<b>4.8J</b>	ug/kg	19.9	2.8	1	07/29/21 08:20	07/29/21 13:05	205-99-2	
Benzo(g,h,i)perylene	<3.5	ug/kg	19.9	3.5	1	07/29/21 08:20	07/29/21 13:05	191-24-2	
Benzo(k)fluoranthene	<2.5	ug/kg	19.9	2.5	1	07/29/21 08:20	07/29/21 13:05	207-08-9	
Chrysene	<b>7.7J</b>	ug/kg	19.9	3.8	1	07/29/21 08:20	07/29/21 13:05	218-01-9	
Dibenz(a,h)anthracene	<2.8	ug/kg	19.9	2.8	1	07/29/21 08:20	07/29/21 13:05	53-70-3	
Fluoranthene	<b>5.3J</b>	ug/kg	19.9	2.4	1	07/29/21 08:20	07/29/21 13:05	206-44-0	
Fluorene	<2.4	ug/kg	19.9	2.4	1	07/29/21 08:20	07/29/21 13:05	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-8 (7)**      **Lab ID: 40230183025**      Collected: 07/16/21 16:02      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<4.2	ug/kg	19.9	4.2	1	07/29/21 08:20	07/29/21 13:05	193-39-5	
1-Methylnaphthalene	<2.9	ug/kg	19.9	2.9	1	07/29/21 08:20	07/29/21 13:05	90-12-0	
2-Methylnaphthalene	<2.9	ug/kg	19.9	2.9	1	07/29/21 08:20	07/29/21 13:05	91-57-6	
Naphthalene	<1.9	ug/kg	19.9	1.9	1	07/29/21 08:20	07/29/21 13:05	91-20-3	
Phenanthrene	4.6J	ug/kg	19.9	2.3	1	07/29/21 08:20	07/29/21 13:05	85-01-8	
Pyrene	4.4J	ug/kg	19.9	2.9	1	07/29/21 08:20	07/29/21 13:05	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	69	%	36-86		1	07/29/21 08:20	07/29/21 13:05	321-60-8	
Terphenyl-d14 (S)	69	%	41-97		1	07/29/21 08:20	07/29/21 13:05	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<16.5	ug/kg	27.7	16.5	1	07/20/21 10:30	07/23/21 21:19	71-43-2	
Bromobenzene	<27.0	ug/kg	69.3	27.0	1	07/20/21 10:30	07/23/21 21:19	108-86-1	
Bromochloromethane	<19.0	ug/kg	69.3	19.0	1	07/20/21 10:30	07/23/21 21:19	74-97-5	
Bromodichloromethane	<16.5	ug/kg	69.3	16.5	1	07/20/21 10:30	07/23/21 21:19	75-27-4	
Bromoform	<305	ug/kg	346	305	1	07/20/21 10:30	07/23/21 21:19	75-25-2	
Bromomethane	<97.1	ug/kg	346	97.1	1	07/20/21 10:30	07/23/21 21:19	74-83-9	
n-Butylbenzene	<31.7	ug/kg	69.3	31.7	1	07/20/21 10:30	07/23/21 21:19	104-51-8	
sec-Butylbenzene	<16.9	ug/kg	69.3	16.9	1	07/20/21 10:30	07/23/21 21:19	135-98-8	
tert-Butylbenzene	<21.7	ug/kg	69.3	21.7	1	07/20/21 10:30	07/23/21 21:19	98-06-6	
Carbon tetrachloride	<15.2	ug/kg	69.3	15.2	1	07/20/21 10:30	07/23/21 21:19	56-23-5	
Chlorobenzene	<8.3	ug/kg	69.3	8.3	1	07/20/21 10:30	07/23/21 21:19	108-90-7	
Chloroethane	<29.2	ug/kg	346	29.2	1	07/20/21 10:30	07/23/21 21:19	75-00-3	
Chloroform	<49.6	ug/kg	346	49.6	1	07/20/21 10:30	07/23/21 21:19	67-66-3	
Chloromethane	<26.3	ug/kg	69.3	26.3	1	07/20/21 10:30	07/23/21 21:19	74-87-3	
2-Chlorotoluene	<22.4	ug/kg	69.3	22.4	1	07/20/21 10:30	07/23/21 21:19	95-49-8	
4-Chlorotoluene	<26.3	ug/kg	69.3	26.3	1	07/20/21 10:30	07/23/21 21:19	106-43-4	
1,2-Dibromo-3-chloropropane	<53.7	ug/kg	346	53.7	1	07/20/21 10:30	07/23/21 21:19	96-12-8	
Dibromochloromethane	<237	ug/kg	346	237	1	07/20/21 10:30	07/23/21 21:19	124-48-1	
1,2-Dibromoethane (EDB)	<19.0	ug/kg	69.3	19.0	1	07/20/21 10:30	07/23/21 21:19	106-93-4	
Dibromomethane	<20.5	ug/kg	69.3	20.5	1	07/20/21 10:30	07/23/21 21:19	74-95-3	
1,2-Dichlorobenzene	<21.5	ug/kg	69.3	21.5	1	07/20/21 10:30	07/23/21 21:19	95-50-1	
1,3-Dichlorobenzene	<19.0	ug/kg	69.3	19.0	1	07/20/21 10:30	07/23/21 21:19	541-73-1	
1,4-Dichlorobenzene	<19.0	ug/kg	69.3	19.0	1	07/20/21 10:30	07/23/21 21:19	106-46-7	
Dichlorodifluoromethane	<29.8	ug/kg	69.3	29.8	1	07/20/21 10:30	07/23/21 21:19	75-71-8	
1,1-Dichloroethane	<17.7	ug/kg	69.3	17.7	1	07/20/21 10:30	07/23/21 21:19	75-34-3	
1,2-Dichloroethane	<15.9	ug/kg	69.3	15.9	1	07/20/21 10:30	07/23/21 21:19	107-06-2	
1,1-Dichloroethene	<23.0	ug/kg	69.3	23.0	1	07/20/21 10:30	07/23/21 21:19	75-35-4	
cis-1,2-Dichloroethene	<14.8	ug/kg	69.3	14.8	1	07/20/21 10:30	07/23/21 21:19	156-59-2	
trans-1,2-Dichloroethene	<15.0	ug/kg	69.3	15.0	1	07/20/21 10:30	07/23/21 21:19	156-60-5	
1,2-Dichloropropane	<16.5	ug/kg	69.3	16.5	1	07/20/21 10:30	07/23/21 21:19	78-87-5	
1,3-Dichloropropane	<15.1	ug/kg	69.3	15.1	1	07/20/21 10:30	07/23/21 21:19	142-28-9	
2,2-Dichloropropane	<18.7	ug/kg	69.3	18.7	1	07/20/21 10:30	07/23/21 21:19	594-20-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-8 (7)**      **Lab ID: 40230183025**      Collected: 07/16/21 16:02      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<22.4	ug/kg	69.3	22.4	1	07/20/21 10:30	07/23/21 21:19	563-58-6	
cis-1,3-Dichloropropene	<45.7	ug/kg	346	45.7	1	07/20/21 10:30	07/23/21 21:19	10061-01-5	
trans-1,3-Dichloropropene	<198	ug/kg	346	198	1	07/20/21 10:30	07/23/21 21:19	10061-02-6	
Diisopropyl ether	<17.2	ug/kg	69.3	17.2	1	07/20/21 10:30	07/23/21 21:19	108-20-3	
Ethylbenzene	<16.5	ug/kg	69.3	16.5	1	07/20/21 10:30	07/23/21 21:19	100-41-4	
Hexachloro-1,3-butadiene	<138	ug/kg	346	138	1	07/20/21 10:30	07/23/21 21:19	87-68-3	L2
Isopropylbenzene (Cumene)	<18.7	ug/kg	69.3	18.7	1	07/20/21 10:30	07/23/21 21:19	98-82-8	
p-Isopropyltoluene	<21.1	ug/kg	69.3	21.1	1	07/20/21 10:30	07/23/21 21:19	99-87-6	
Methylene Chloride	<19.3	ug/kg	69.3	19.3	1	07/20/21 10:30	07/23/21 21:19	75-09-2	
Methyl-tert-butyl ether	<20.4	ug/kg	69.3	20.4	1	07/20/21 10:30	07/23/21 21:19	1634-04-4	
Naphthalene	<21.6	ug/kg	346	21.6	1	07/20/21 10:30	07/23/21 21:19	91-20-3	
n-Propylbenzene	<16.6	ug/kg	69.3	16.6	1	07/20/21 10:30	07/23/21 21:19	103-65-1	
Styrene	<17.7	ug/kg	69.3	17.7	1	07/20/21 10:30	07/23/21 21:19	100-42-5	
1,1,1,2-Tetrachloroethane	<16.6	ug/kg	69.3	16.6	1	07/20/21 10:30	07/23/21 21:19	630-20-6	
1,1,2,2-Tetrachloroethane	<25.1	ug/kg	69.3	25.1	1	07/20/21 10:30	07/23/21 21:19	79-34-5	
Tetrachloroethene	<26.9	ug/kg	69.3	26.9	1	07/20/21 10:30	07/23/21 21:19	127-18-4	
Toluene	<17.5	ug/kg	69.3	17.5	1	07/20/21 10:30	07/23/21 21:19	108-88-3	
1,2,3-Trichlorobenzene	<77.2	ug/kg	346	77.2	1	07/20/21 10:30	07/23/21 21:19	87-61-6	
1,2,4-Trichlorobenzene	<57.1	ug/kg	346	57.1	1	07/20/21 10:30	07/23/21 21:19	120-82-1	
1,1,1-Trichloroethane	<17.7	ug/kg	69.3	17.7	1	07/20/21 10:30	07/23/21 21:19	71-55-6	
1,1,2-Trichloroethane	<25.2	ug/kg	69.3	25.2	1	07/20/21 10:30	07/23/21 21:19	79-00-5	
Trichloroethene	<25.9	ug/kg	69.3	25.9	1	07/20/21 10:30	07/23/21 21:19	79-01-6	
Trichlorofluoromethane	<20.1	ug/kg	69.3	20.1	1	07/20/21 10:30	07/23/21 21:19	75-69-4	
1,2,3-Trichloropropane	<33.7	ug/kg	69.3	33.7	1	07/20/21 10:30	07/23/21 21:19	96-18-4	
1,2,4-Trimethylbenzene	<20.6	ug/kg	69.3	20.6	1	07/20/21 10:30	07/23/21 21:19	95-63-6	
1,3,5-Trimethylbenzene	<22.3	ug/kg	69.3	22.3	1	07/20/21 10:30	07/23/21 21:19	108-67-8	
Vinyl chloride	<14.0	ug/kg	69.3	14.0	1	07/20/21 10:30	07/23/21 21:19	75-01-4	
m&p-Xylene	<29.2	ug/kg	139	29.2	1	07/20/21 10:30	07/23/21 21:19	179601-23-1	
o-Xylene	<20.8	ug/kg	69.3	20.8	1	07/20/21 10:30	07/23/21 21:19	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	110	%	67-159		1	07/20/21 10:30	07/23/21 21:19	2037-26-5	
4-Bromofluorobenzene (S)	108	%	66-153		1	07/20/21 10:30	07/23/21 21:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	82-158		1	07/20/21 10:30	07/23/21 21:19	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	16.1	%	0.10	0.10	1		07/19/21 14:59		
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### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-7 (3)**      **Lab ID: 40230183026**      Collected: 07/16/21 16:04      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<16.9	ug/kg	55.5	16.9	1	07/20/21 10:15	07/21/21 11:17	12674-11-2	
PCB-1221 (Aroclor 1221)	<16.9	ug/kg	55.5	16.9	1	07/20/21 10:15	07/21/21 11:17	11104-28-2	
PCB-1232 (Aroclor 1232)	<16.9	ug/kg	55.5	16.9	1	07/20/21 10:15	07/21/21 11:17	11141-16-5	
PCB-1242 (Aroclor 1242)	<16.9	ug/kg	55.5	16.9	1	07/20/21 10:15	07/21/21 11:17	53469-21-9	
PCB-1248 (Aroclor 1248)	<16.9	ug/kg	55.5	16.9	1	07/20/21 10:15	07/21/21 11:17	12672-29-6	
PCB-1254 (Aroclor 1254)	<16.9	ug/kg	55.5	16.9	1	07/20/21 10:15	07/21/21 11:17	11097-69-1	
PCB-1260 (Aroclor 1260)	<16.9	ug/kg	55.5	16.9	1	07/20/21 10:15	07/21/21 11:17	11096-82-5	
PCB, Total	<16.9	ug/kg	55.5	16.9	1	07/20/21 10:15	07/21/21 11:17	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	65	%	67-102		1	07/20/21 10:15	07/21/21 11:17	877-09-8	S0
Decachlorobiphenyl (S)	61	%	47-114		1	07/20/21 10:15	07/21/21 11:17	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	119	mg/kg	11.3	3.4	3	07/22/21 09:49	07/23/21 11:55		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	8.2	mg/kg	5.1	3.0	2	07/21/21 06:59	07/22/21 13:15	7440-38-2	
Barium	454	mg/kg	1.0	0.31	2	07/21/21 06:59	07/22/21 13:15	7440-39-3	
Cadmium	20.7	mg/kg	1.0	0.27	2	07/21/21 06:59	07/22/21 13:15	7440-43-9	
Chromium	18.3	mg/kg	2.1	0.57	2	07/21/21 06:59	07/22/21 13:15	7440-47-3	
Lead	2830	mg/kg	4.1	1.2	2	07/21/21 06:59	07/22/21 13:15	7439-92-1	
Selenium	<2.7	mg/kg	8.2	2.7	2	07/21/21 06:59	07/22/21 13:15	7782-49-2	D3
Silver	1.4J	mg/kg	2.1	0.63	2	07/21/21 06:59	07/22/21 13:15	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	9.9	mg/kg	0.36	0.10	10	07/21/21 12:00	07/22/21 12:28	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<12.0	ug/kg	92.6	12.0	5	07/29/21 08:20	07/29/21 19:25	83-32-9	
Acenaphthylene	26.0J	ug/kg	92.6	11.7	5	07/29/21 08:20	07/29/21 19:25	208-96-8	
Anthracene	45.5J	ug/kg	92.6	11.5	5	07/29/21 08:20	07/29/21 19:25	120-12-7	
Benzo(a)anthracene	523	ug/kg	92.6	12.0	5	07/29/21 08:20	07/29/21 19:25	56-55-3	
Benzo(a)pyrene	715	ug/kg	92.6	10.5	5	07/29/21 08:20	07/29/21 19:25	50-32-8	
Benzo(b)fluoranthene	2020	ug/kg	92.6	12.9	5	07/29/21 08:20	07/29/21 19:25	205-99-2	
Benzo(g,h,i)perylene	285	ug/kg	92.6	16.2	5	07/29/21 08:20	07/29/21 19:25	191-24-2	
Benzo(k)fluoranthene	660	ug/kg	92.6	11.8	5	07/29/21 08:20	07/29/21 19:25	207-08-9	
Chrysene	559	ug/kg	92.6	17.5	5	07/29/21 08:20	07/29/21 19:25	218-01-9	
Dibenz(a,h)anthracene	114	ug/kg	92.6	12.8	5	07/29/21 08:20	07/29/21 19:25	53-70-3	
Fluoranthene	285	ug/kg	92.6	11.0	5	07/29/21 08:20	07/29/21 19:25	206-44-0	
Fluorene	<11.1	ug/kg	92.6	11.1	5	07/29/21 08:20	07/29/21 19:25	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-7 (3)**      **Lab ID: 40230183026**      Collected: 07/16/21 16:04      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>338</b>	ug/kg	92.6	19.3	5	07/29/21 08:20	07/29/21 19:25	193-39-5	
1-Methylnaphthalene	<b>17.9J</b>	ug/kg	92.6	13.5	5	07/29/21 08:20	07/29/21 19:25	90-12-0	
2-Methylnaphthalene	<b>25.8J</b>	ug/kg	92.6	13.5	5	07/29/21 08:20	07/29/21 19:25	91-57-6	
Naphthalene	<b>32.3J</b>	ug/kg	92.6	9.0	5	07/29/21 08:20	07/29/21 19:25	91-20-3	
Phenanthrene	<b>135</b>	ug/kg	92.6	10.6	5	07/29/21 08:20	07/29/21 19:25	85-01-8	
Pyrene	<b>326</b>	ug/kg	92.6	13.6	5	07/29/21 08:20	07/29/21 19:25	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	36-86		5	07/29/21 08:20	07/29/21 19:25	321-60-8	
Terphenyl-d14 (S)	74	%	41-97		5	07/29/21 08:20	07/29/21 19:25	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;16.8</b>	ug/kg	28.3	16.8	1	07/21/21 09:00	07/22/21 01:03	71-43-2	
Bromobenzene	<b>&lt;27.6</b>	ug/kg	70.7	27.6	1	07/21/21 09:00	07/22/21 01:03	108-86-1	
Bromochloromethane	<b>&lt;19.4</b>	ug/kg	70.7	19.4	1	07/21/21 09:00	07/22/21 01:03	74-97-5	
Bromodichloromethane	<b>&lt;16.8</b>	ug/kg	70.7	16.8	1	07/21/21 09:00	07/22/21 01:03	75-27-4	
Bromoform	<b>&lt;311</b>	ug/kg	353	311	1	07/21/21 09:00	07/22/21 01:03	75-25-2	
Bromomethane	<b>&lt;99.1</b>	ug/kg	353	99.1	1	07/21/21 09:00	07/22/21 01:03	74-83-9	
n-Butylbenzene	<b>&lt;32.4</b>	ug/kg	70.7	32.4	1	07/21/21 09:00	07/22/21 01:03	104-51-8	
sec-Butylbenzene	<b>&lt;17.2</b>	ug/kg	70.7	17.2	1	07/21/21 09:00	07/22/21 01:03	135-98-8	
tert-Butylbenzene	<b>&lt;22.2</b>	ug/kg	70.7	22.2	1	07/21/21 09:00	07/22/21 01:03	98-06-6	
Carbon tetrachloride	<b>&lt;15.6</b>	ug/kg	70.7	15.6	1	07/21/21 09:00	07/22/21 01:03	56-23-5	
Chlorobenzene	<b>&lt;8.5</b>	ug/kg	70.7	8.5	1	07/21/21 09:00	07/22/21 01:03	108-90-7	
Chloroethane	<b>&lt;29.8</b>	ug/kg	353	29.8	1	07/21/21 09:00	07/22/21 01:03	75-00-3	
Chloroform	<b>&lt;50.6</b>	ug/kg	353	50.6	1	07/21/21 09:00	07/22/21 01:03	67-66-3	
Chloromethane	<b>&lt;26.9</b>	ug/kg	70.7	26.9	1	07/21/21 09:00	07/22/21 01:03	74-87-3	
2-Chlorotoluene	<b>&lt;22.9</b>	ug/kg	70.7	22.9	1	07/21/21 09:00	07/22/21 01:03	95-49-8	
4-Chlorotoluene	<b>&lt;26.9</b>	ug/kg	70.7	26.9	1	07/21/21 09:00	07/22/21 01:03	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;54.9</b>	ug/kg	353	54.9	1	07/21/21 09:00	07/22/21 01:03	96-12-8	
Dibromochloromethane	<b>&lt;242</b>	ug/kg	353	242	1	07/21/21 09:00	07/22/21 01:03	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;19.4</b>	ug/kg	70.7	19.4	1	07/21/21 09:00	07/22/21 01:03	106-93-4	
Dibromomethane	<b>&lt;20.9</b>	ug/kg	70.7	20.9	1	07/21/21 09:00	07/22/21 01:03	74-95-3	
1,2-Dichlorobenzene	<b>&lt;21.9</b>	ug/kg	70.7	21.9	1	07/21/21 09:00	07/22/21 01:03	95-50-1	
1,3-Dichlorobenzene	<b>&lt;19.4</b>	ug/kg	70.7	19.4	1	07/21/21 09:00	07/22/21 01:03	541-73-1	
1,4-Dichlorobenzene	<b>&lt;19.4</b>	ug/kg	70.7	19.4	1	07/21/21 09:00	07/22/21 01:03	106-46-7	
Dichlorodifluoromethane	<b>&lt;30.4</b>	ug/kg	70.7	30.4	1	07/21/21 09:00	07/22/21 01:03	75-71-8	
1,1-Dichloroethane	<b>&lt;18.1</b>	ug/kg	70.7	18.1	1	07/21/21 09:00	07/22/21 01:03	75-34-3	
1,2-Dichloroethane	<b>&lt;16.3</b>	ug/kg	70.7	16.3	1	07/21/21 09:00	07/22/21 01:03	107-06-2	
1,1-Dichloroethene	<b>&lt;23.5</b>	ug/kg	70.7	23.5	1	07/21/21 09:00	07/22/21 01:03	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;15.1</b>	ug/kg	70.7	15.1	1	07/21/21 09:00	07/22/21 01:03	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;15.3</b>	ug/kg	70.7	15.3	1	07/21/21 09:00	07/22/21 01:03	156-60-5	
1,2-Dichloropropane	<b>&lt;16.8</b>	ug/kg	70.7	16.8	1	07/21/21 09:00	07/22/21 01:03	78-87-5	
1,3-Dichloropropane	<b>&lt;15.4</b>	ug/kg	70.7	15.4	1	07/21/21 09:00	07/22/21 01:03	142-28-9	
2,2-Dichloropropane	<b>&lt;19.1</b>	ug/kg	70.7	19.1	1	07/21/21 09:00	07/22/21 01:03	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-7 (3)**      **Lab ID: 40230183026**      Collected: 07/16/21 16:04      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<22.9	ug/kg	70.7	22.9	1	07/21/21 09:00	07/22/21 01:03	563-58-6	
cis-1,3-Dichloropropene	<46.7	ug/kg	353	46.7	1	07/21/21 09:00	07/22/21 01:03	10061-01-5	
trans-1,3-Dichloropropene	<202	ug/kg	353	202	1	07/21/21 09:00	07/22/21 01:03	10061-02-6	
Diisopropyl ether	<17.5	ug/kg	70.7	17.5	1	07/21/21 09:00	07/22/21 01:03	108-20-3	
Ethylbenzene	<16.8	ug/kg	70.7	16.8	1	07/21/21 09:00	07/22/21 01:03	100-41-4	
Hexachloro-1,3-butadiene	<141	ug/kg	353	141	1	07/21/21 09:00	07/22/21 01:03	87-68-3	
Isopropylbenzene (Cumene)	<19.1	ug/kg	70.7	19.1	1	07/21/21 09:00	07/22/21 01:03	98-82-8	
p-Isopropyltoluene	<21.5	ug/kg	70.7	21.5	1	07/21/21 09:00	07/22/21 01:03	99-87-6	
Methylene Chloride	<19.7	ug/kg	70.7	19.7	1	07/21/21 09:00	07/22/21 01:03	75-09-2	
Methyl-tert-butyl ether	<20.8	ug/kg	70.7	20.8	1	07/21/21 09:00	07/22/21 01:03	1634-04-4	
Naphthalene	<22.1	ug/kg	353	22.1	1	07/21/21 09:00	07/22/21 01:03	91-20-3	
n-Propylbenzene	<17.0	ug/kg	70.7	17.0	1	07/21/21 09:00	07/22/21 01:03	103-65-1	
Styrene	<18.1	ug/kg	70.7	18.1	1	07/21/21 09:00	07/22/21 01:03	100-42-5	
1,1,1,2-Tetrachloroethane	<17.0	ug/kg	70.7	17.0	1	07/21/21 09:00	07/22/21 01:03	630-20-6	
1,1,2,2-Tetrachloroethane	<25.6	ug/kg	70.7	25.6	1	07/21/21 09:00	07/22/21 01:03	79-34-5	
Tetrachloroethene	388	ug/kg	70.7	27.4	1	07/21/21 09:00	07/22/21 01:03	127-18-4	
Toluene	<17.8	ug/kg	70.7	17.8	1	07/21/21 09:00	07/22/21 01:03	108-88-3	
1,2,3-Trichlorobenzene	<78.8	ug/kg	353	78.8	1	07/21/21 09:00	07/22/21 01:03	87-61-6	
1,2,4-Trichlorobenzene	<58.3	ug/kg	353	58.3	1	07/21/21 09:00	07/22/21 01:03	120-82-1	
1,1,1-Trichloroethane	<18.1	ug/kg	70.7	18.1	1	07/21/21 09:00	07/22/21 01:03	71-55-6	
1,1,2-Trichloroethane	<25.7	ug/kg	70.7	25.7	1	07/21/21 09:00	07/22/21 01:03	79-00-5	
Trichloroethene	<26.4	ug/kg	70.7	26.4	1	07/21/21 09:00	07/22/21 01:03	79-01-6	
Trichlorofluoromethane	<20.5	ug/kg	70.7	20.5	1	07/21/21 09:00	07/22/21 01:03	75-69-4	
1,2,3-Trichloropropane	<34.4	ug/kg	70.7	34.4	1	07/21/21 09:00	07/22/21 01:03	96-18-4	
1,2,4-Trimethylbenzene	<21.1	ug/kg	70.7	21.1	1	07/21/21 09:00	07/22/21 01:03	95-63-6	
1,3,5-Trimethylbenzene	<22.8	ug/kg	70.7	22.8	1	07/21/21 09:00	07/22/21 01:03	108-67-8	
Vinyl chloride	<14.3	ug/kg	70.7	14.3	1	07/21/21 09:00	07/22/21 01:03	75-01-4	
m&p-Xylene	<29.8	ug/kg	141	29.8	1	07/21/21 09:00	07/22/21 01:03	179601-23-1	
o-Xylene	<21.2	ug/kg	70.7	21.2	1	07/21/21 09:00	07/22/21 01:03	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	105	%	67-159		1	07/21/21 09:00	07/22/21 01:03	2037-26-5	
4-Bromofluorobenzene (S)	96	%	66-153		1	07/21/21 09:00	07/22/21 01:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	82-158		1	07/21/21 09:00	07/22/21 01:03	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	9.8	%	0.10	0.10	1		07/19/21 14:59		
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### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-7 (9)**      **Lab ID: 40230183027**      Collected: 07/16/21 16:06      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.8	ug/kg	58.6	17.8	1	07/20/21 10:15	07/21/21 12:06	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.8	ug/kg	58.6	17.8	1	07/20/21 10:15	07/21/21 12:06	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.8	ug/kg	58.6	17.8	1	07/20/21 10:15	07/21/21 12:06	11141-16-5	
PCB-1242 (Aroclor 1242)	<17.8	ug/kg	58.6	17.8	1	07/20/21 10:15	07/21/21 12:06	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.8	ug/kg	58.6	17.8	1	07/20/21 10:15	07/21/21 12:06	12672-29-6	
PCB-1254 (Aroclor 1254)	<17.8	ug/kg	58.6	17.8	1	07/20/21 10:15	07/21/21 12:06	11097-69-1	
PCB-1260 (Aroclor 1260)	<17.8	ug/kg	58.6	17.8	1	07/20/21 10:15	07/21/21 12:06	11096-82-5	
PCB, Total	<17.8	ug/kg	58.6	17.8	1	07/20/21 10:15	07/21/21 12:06	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	68	%	67-102		1	07/20/21 10:15	07/21/21 12:06	877-09-8	
Decachlorobiphenyl (S)	61	%	47-114		1	07/20/21 10:15	07/21/21 12:06	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	<1.1	mg/kg	3.7	1.1	1	07/22/21 09:49	07/23/21 07:44		
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	3.6	mg/kg	2.7	1.6	1	07/21/21 06:59	07/21/21 18:01	7440-38-2	
Barium	64.3	mg/kg	0.54	0.16	1	07/21/21 06:59	07/21/21 18:01	7440-39-3	
Cadmium	0.23J	mg/kg	0.54	0.14	1	07/21/21 06:59	07/21/21 18:01	7440-43-9	
Chromium	24.3	mg/kg	1.1	0.30	1	07/21/21 06:59	07/21/21 18:01	7440-47-3	
Lead	14.3	mg/kg	2.2	0.65	1	07/21/21 06:59	07/21/21 18:01	7439-92-1	
Selenium	<1.4	mg/kg	4.3	1.4	1	07/21/21 06:59	07/21/21 18:01	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	07/21/21 06:59	07/21/21 18:01	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.039J	mg/kg	0.040	0.011	1	07/21/21 12:00	07/22/21 11:27	7439-97-6	B
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<2.5	ug/kg	19.6	2.5	1	07/29/21 08:20	07/29/21 13:22	83-32-9	
Acenaphthylene	<2.5	ug/kg	19.6	2.5	1	07/29/21 08:20	07/29/21 13:22	208-96-8	
Anthracene	<2.4	ug/kg	19.6	2.4	1	07/29/21 08:20	07/29/21 13:22	120-12-7	
Benzo(a)anthracene	<2.5	ug/kg	19.6	2.5	1	07/29/21 08:20	07/29/21 13:22	56-55-3	
Benzo(a)pyrene	<2.2	ug/kg	19.6	2.2	1	07/29/21 08:20	07/29/21 13:22	50-32-8	
Benzo(b)fluoranthene	<2.7	ug/kg	19.6	2.7	1	07/29/21 08:20	07/29/21 13:22	205-99-2	
Benzo(g,h,i)perylene	<3.4	ug/kg	19.6	3.4	1	07/29/21 08:20	07/29/21 13:22	191-24-2	
Benzo(k)fluoranthene	<2.5	ug/kg	19.6	2.5	1	07/29/21 08:20	07/29/21 13:22	207-08-9	
Chrysene	<3.7	ug/kg	19.6	3.7	1	07/29/21 08:20	07/29/21 13:22	218-01-9	
Dibenz(a,h)anthracene	<2.7	ug/kg	19.6	2.7	1	07/29/21 08:20	07/29/21 13:22	53-70-3	
Fluoranthene	<2.3	ug/kg	19.6	2.3	1	07/29/21 08:20	07/29/21 13:22	206-44-0	
Fluorene	<2.3	ug/kg	19.6	2.3	1	07/29/21 08:20	07/29/21 13:22	86-73-7	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-7 (9)**      **Lab ID: 40230183027**      Collected: 07/16/21 16:06      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<4.1	ug/kg	19.6	4.1	1	07/29/21 08:20	07/29/21 13:22	193-39-5	
1-Methylnaphthalene	<2.9	ug/kg	19.6	2.9	1	07/29/21 08:20	07/29/21 13:22	90-12-0	
2-Methylnaphthalene	<2.9	ug/kg	19.6	2.9	1	07/29/21 08:20	07/29/21 13:22	91-57-6	
Naphthalene	<1.9	ug/kg	19.6	1.9	1	07/29/21 08:20	07/29/21 13:22	91-20-3	
Phenanthrene	<2.2	ug/kg	19.6	2.2	1	07/29/21 08:20	07/29/21 13:22	85-01-8	
Pyrene	<2.9	ug/kg	19.6	2.9	1	07/29/21 08:20	07/29/21 13:22	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	66	%	36-86		1	07/29/21 08:20	07/29/21 13:22	321-60-8	
Terphenyl-d14 (S)	63	%	41-97		1	07/29/21 08:20	07/29/21 13:22	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<16.0	ug/kg	26.9	16.0	1	07/21/21 09:00	07/22/21 00:25	71-43-2	
Bromobenzene	<26.3	ug/kg	67.3	26.3	1	07/21/21 09:00	07/22/21 00:25	108-86-1	
Bromochloromethane	<18.5	ug/kg	67.3	18.5	1	07/21/21 09:00	07/22/21 00:25	74-97-5	
Bromodichloromethane	<16.0	ug/kg	67.3	16.0	1	07/21/21 09:00	07/22/21 00:25	75-27-4	
Bromoform	<296	ug/kg	337	296	1	07/21/21 09:00	07/22/21 00:25	75-25-2	
Bromomethane	<94.4	ug/kg	337	94.4	1	07/21/21 09:00	07/22/21 00:25	74-83-9	
n-Butylbenzene	<30.8	ug/kg	67.3	30.8	1	07/21/21 09:00	07/22/21 00:25	104-51-8	
sec-Butylbenzene	<16.4	ug/kg	67.3	16.4	1	07/21/21 09:00	07/22/21 00:25	135-98-8	
tert-Butylbenzene	<21.1	ug/kg	67.3	21.1	1	07/21/21 09:00	07/22/21 00:25	98-06-6	
Carbon tetrachloride	<14.8	ug/kg	67.3	14.8	1	07/21/21 09:00	07/22/21 00:25	56-23-5	
Chlorobenzene	<8.1	ug/kg	67.3	8.1	1	07/21/21 09:00	07/22/21 00:25	108-90-7	
Chloroethane	<28.4	ug/kg	337	28.4	1	07/21/21 09:00	07/22/21 00:25	75-00-3	
Chloroform	<48.2	ug/kg	337	48.2	1	07/21/21 09:00	07/22/21 00:25	67-66-3	
Chloromethane	<25.6	ug/kg	67.3	25.6	1	07/21/21 09:00	07/22/21 00:25	74-87-3	
2-Chlorotoluene	<21.8	ug/kg	67.3	21.8	1	07/21/21 09:00	07/22/21 00:25	95-49-8	
4-Chlorotoluene	<25.6	ug/kg	67.3	25.6	1	07/21/21 09:00	07/22/21 00:25	106-43-4	
1,2-Dibromo-3-chloropropane	<52.3	ug/kg	337	52.3	1	07/21/21 09:00	07/22/21 00:25	96-12-8	
Dibromochloromethane	<230	ug/kg	337	230	1	07/21/21 09:00	07/22/21 00:25	124-48-1	
1,2-Dibromoethane (EDB)	<18.5	ug/kg	67.3	18.5	1	07/21/21 09:00	07/22/21 00:25	106-93-4	
Dibromomethane	<19.9	ug/kg	67.3	19.9	1	07/21/21 09:00	07/22/21 00:25	74-95-3	
1,2-Dichlorobenzene	<20.9	ug/kg	67.3	20.9	1	07/21/21 09:00	07/22/21 00:25	95-50-1	
1,3-Dichlorobenzene	<18.5	ug/kg	67.3	18.5	1	07/21/21 09:00	07/22/21 00:25	541-73-1	
1,4-Dichlorobenzene	<18.5	ug/kg	67.3	18.5	1	07/21/21 09:00	07/22/21 00:25	106-46-7	
Dichlorodifluoromethane	<29.0	ug/kg	67.3	29.0	1	07/21/21 09:00	07/22/21 00:25	75-71-8	
1,1-Dichloroethane	<17.2	ug/kg	67.3	17.2	1	07/21/21 09:00	07/22/21 00:25	75-34-3	
1,2-Dichloroethane	<15.5	ug/kg	67.3	15.5	1	07/21/21 09:00	07/22/21 00:25	107-06-2	
1,1-Dichloroethene	<22.4	ug/kg	67.3	22.4	1	07/21/21 09:00	07/22/21 00:25	75-35-4	
cis-1,2-Dichloroethene	<14.4	ug/kg	67.3	14.4	1	07/21/21 09:00	07/22/21 00:25	156-59-2	
trans-1,2-Dichloroethene	<14.5	ug/kg	67.3	14.5	1	07/21/21 09:00	07/22/21 00:25	156-60-5	
1,2-Dichloropropane	<16.0	ug/kg	67.3	16.0	1	07/21/21 09:00	07/22/21 00:25	78-87-5	
1,3-Dichloropropane	<14.7	ug/kg	67.3	14.7	1	07/21/21 09:00	07/22/21 00:25	142-28-9	
2,2-Dichloropropane	<18.2	ug/kg	67.3	18.2	1	07/21/21 09:00	07/22/21 00:25	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-7 (9)**      **Lab ID: 40230183027**      Collected: 07/16/21 16:06      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<21.8	ug/kg	67.3	21.8	1	07/21/21 09:00	07/22/21 00:25	563-58-6	
cis-1,3-Dichloropropene	<44.4	ug/kg	337	44.4	1	07/21/21 09:00	07/22/21 00:25	10061-01-5	
trans-1,3-Dichloropropene	<193	ug/kg	337	193	1	07/21/21 09:00	07/22/21 00:25	10061-02-6	
Diisopropyl ether	<16.7	ug/kg	67.3	16.7	1	07/21/21 09:00	07/22/21 00:25	108-20-3	
Ethylbenzene	<16.0	ug/kg	67.3	16.0	1	07/21/21 09:00	07/22/21 00:25	100-41-4	
Hexachloro-1,3-butadiene	<134	ug/kg	337	134	1	07/21/21 09:00	07/22/21 00:25	87-68-3	
Isopropylbenzene (Cumene)	<18.2	ug/kg	67.3	18.2	1	07/21/21 09:00	07/22/21 00:25	98-82-8	
p-Isopropyltoluene	<20.5	ug/kg	67.3	20.5	1	07/21/21 09:00	07/22/21 00:25	99-87-6	
Methylene Chloride	<18.7	ug/kg	67.3	18.7	1	07/21/21 09:00	07/22/21 00:25	75-09-2	
Methyl-tert-butyl ether	<19.8	ug/kg	67.3	19.8	1	07/21/21 09:00	07/22/21 00:25	1634-04-4	
Naphthalene	<21.0	ug/kg	337	21.0	1	07/21/21 09:00	07/22/21 00:25	91-20-3	
n-Propylbenzene	<16.2	ug/kg	67.3	16.2	1	07/21/21 09:00	07/22/21 00:25	103-65-1	
Styrene	<17.2	ug/kg	67.3	17.2	1	07/21/21 09:00	07/22/21 00:25	100-42-5	
1,1,1,2-Tetrachloroethane	<16.2	ug/kg	67.3	16.2	1	07/21/21 09:00	07/22/21 00:25	630-20-6	
1,1,2,2-Tetrachloroethane	<24.4	ug/kg	67.3	24.4	1	07/21/21 09:00	07/22/21 00:25	79-34-5	
Tetrachloroethene	<26.1	ug/kg	67.3	26.1	1	07/21/21 09:00	07/22/21 00:25	127-18-4	
Toluene	<17.0	ug/kg	67.3	17.0	1	07/21/21 09:00	07/22/21 00:25	108-88-3	
1,2,3-Trichlorobenzene	<75.0	ug/kg	337	75.0	1	07/21/21 09:00	07/22/21 00:25	87-61-6	
1,2,4-Trichlorobenzene	<55.5	ug/kg	337	55.5	1	07/21/21 09:00	07/22/21 00:25	120-82-1	
1,1,1-Trichloroethane	<17.2	ug/kg	67.3	17.2	1	07/21/21 09:00	07/22/21 00:25	71-55-6	
1,1,2-Trichloroethane	<24.5	ug/kg	67.3	24.5	1	07/21/21 09:00	07/22/21 00:25	79-00-5	
Trichloroethene	<25.2	ug/kg	67.3	25.2	1	07/21/21 09:00	07/22/21 00:25	79-01-6	
Trichlorofluoromethane	<19.5	ug/kg	67.3	19.5	1	07/21/21 09:00	07/22/21 00:25	75-69-4	
1,2,3-Trichloropropane	<32.7	ug/kg	67.3	32.7	1	07/21/21 09:00	07/22/21 00:25	96-18-4	
1,2,4-Trimethylbenzene	<20.1	ug/kg	67.3	20.1	1	07/21/21 09:00	07/22/21 00:25	95-63-6	
1,3,5-Trimethylbenzene	<21.7	ug/kg	67.3	21.7	1	07/21/21 09:00	07/22/21 00:25	108-67-8	
Vinyl chloride	<13.6	ug/kg	67.3	13.6	1	07/21/21 09:00	07/22/21 00:25	75-01-4	
m&p-Xylene	<28.4	ug/kg	135	28.4	1	07/21/21 09:00	07/22/21 00:25	179601-23-1	
o-Xylene	<20.2	ug/kg	67.3	20.2	1	07/21/21 09:00	07/22/21 00:25	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	115	%	67-159		1	07/21/21 09:00	07/22/21 00:25	2037-26-5	
4-Bromofluorobenzene (S)	106	%	66-153		1	07/21/21 09:00	07/22/21 00:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	82-158		1	07/21/21 09:00	07/22/21 00:25	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>14.8</b>	%	0.10	0.10	1		07/19/21 14:59		
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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-4 (1)**      **Lab ID: 40230183028**      Collected: 07/16/21 11:00      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.9	ug/kg	58.7	17.9	1	07/20/21 10:15	07/21/21 08:01	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.9	ug/kg	58.7	17.9	1	07/20/21 10:15	07/21/21 08:01	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.9	ug/kg	58.7	17.9	1	07/20/21 10:15	07/21/21 08:01	11141-16-5	
PCB-1242 (Aroclor 1242)	34.2J	ug/kg	58.7	17.9	1	07/20/21 10:15	07/21/21 08:01	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.9	ug/kg	58.7	17.9	1	07/20/21 10:15	07/21/21 08:01	12672-29-6	
PCB-1254 (Aroclor 1254)	573	ug/kg	58.7	17.9	1	07/20/21 10:15	07/21/21 08:01	11097-69-1	
PCB-1260 (Aroclor 1260)	142	ug/kg	58.7	17.9	1	07/20/21 10:15	07/21/21 08:01	11096-82-5	
PCB, Total	750	ug/kg	58.7	17.9	1	07/20/21 10:15	07/21/21 08:01	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	71	%	67-102		1	07/20/21 10:15	07/21/21 08:01	877-09-8	
Decachlorobiphenyl (S)	59	%	47-114		1	07/20/21 10:15	07/21/21 08:01	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	125	mg/kg	80.5	24.0	20	07/22/21 09:49	07/23/21 11:28		D3,DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	4.6J	mg/kg	5.7	3.4	2	07/21/21 06:59	07/22/21 13:22	7440-38-2	D3
Barium	80.4	mg/kg	1.1	0.34	2	07/21/21 06:59	07/22/21 13:22	7440-39-3	
Cadmium	2.5	mg/kg	1.1	0.30	2	07/21/21 06:59	07/22/21 13:22	7440-43-9	
Chromium	18.9	mg/kg	2.3	0.64	2	07/21/21 06:59	07/22/21 13:22	7440-47-3	
Lead	151	mg/kg	4.6	1.4	2	07/21/21 06:59	07/22/21 13:22	7439-92-1	
Selenium	<3.0	mg/kg	9.2	3.0	2	07/21/21 06:59	07/22/21 13:22	7782-49-2	D3
Silver	<0.70	mg/kg	2.3	0.70	2	07/21/21 06:59	07/22/21 13:22	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.93	mg/kg	0.040	0.011	1	07/21/21 13:05	07/22/21 11:57	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	9.0J	ug/kg	19.7	2.6	1	07/29/21 08:20	07/29/21 17:58	83-32-9	
Acenaphthylene	15.1J	ug/kg	19.7	2.5	1	07/29/21 08:20	07/29/21 17:58	208-96-8	
Anthracene	34.7	ug/kg	19.7	2.4	1	07/29/21 08:20	07/29/21 17:58	120-12-7	
Benzo(a)anthracene	76.2	ug/kg	19.7	2.5	1	07/29/21 08:20	07/29/21 17:58	56-55-3	
Benzo(a)pyrene	83.8	ug/kg	19.7	2.2	1	07/29/21 08:20	07/29/21 17:58	50-32-8	
Benzo(b)fluoranthene	158	ug/kg	19.7	2.7	1	07/29/21 08:20	07/29/21 17:58	205-99-2	
Benzo(g,h,i)perylene	27.9	ug/kg	19.7	3.5	1	07/29/21 08:20	07/29/21 17:58	191-24-2	
Benzo(k)fluoranthene	54.9	ug/kg	19.7	2.5	1	07/29/21 08:20	07/29/21 17:58	207-08-9	
Chrysene	86.3	ug/kg	19.7	3.7	1	07/29/21 08:20	07/29/21 17:58	218-01-9	
Dibenz(a,h)anthracene	11.2J	ug/kg	19.7	2.7	1	07/29/21 08:20	07/29/21 17:58	53-70-3	
Fluoranthene	138	ug/kg	19.7	2.3	1	07/29/21 08:20	07/29/21 17:58	206-44-0	
Fluorene	6.4J	ug/kg	19.7	2.4	1	07/29/21 08:20	07/29/21 17:58	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-4 (1)**      **Lab ID: 40230183028**      Collected: 07/16/21 11:00      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	26.5	ug/kg	19.7	4.1	1	07/29/21 08:20	07/29/21 17:58	193-39-5	
1-Methylnaphthalene	26.0	ug/kg	19.7	2.9	1	07/29/21 08:20	07/29/21 17:58	90-12-0	
2-Methylnaphthalene	33.5	ug/kg	19.7	2.9	1	07/29/21 08:20	07/29/21 17:58	91-57-6	
Naphthalene	32.3	ug/kg	19.7	1.9	1	07/29/21 08:20	07/29/21 17:58	91-20-3	
Phenanthrene	114	ug/kg	19.7	2.3	1	07/29/21 08:20	07/29/21 17:58	85-01-8	
Pyrene	122	ug/kg	19.7	2.9	1	07/29/21 08:20	07/29/21 17:58	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	56	%	36-86		1	07/29/21 08:20	07/29/21 17:58	321-60-8	
Terphenyl-d14 (S)	61	%	41-97		1	07/29/21 08:20	07/29/21 17:58	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<16.1	ug/kg	27.1	16.1	1	07/21/21 09:00	07/22/21 01:23	71-43-2	
Bromobenzene	<26.4	ug/kg	67.7	26.4	1	07/21/21 09:00	07/22/21 01:23	108-86-1	
Bromochloromethane	<18.6	ug/kg	67.7	18.6	1	07/21/21 09:00	07/22/21 01:23	74-97-5	
Bromodichloromethane	<16.1	ug/kg	67.7	16.1	1	07/21/21 09:00	07/22/21 01:23	75-27-4	
Bromoform	<298	ug/kg	339	298	1	07/21/21 09:00	07/22/21 01:23	75-25-2	
Bromomethane	<94.9	ug/kg	339	94.9	1	07/21/21 09:00	07/22/21 01:23	74-83-9	
n-Butylbenzene	<31.0	ug/kg	67.7	31.0	1	07/21/21 09:00	07/22/21 01:23	104-51-8	
sec-Butylbenzene	<16.5	ug/kg	67.7	16.5	1	07/21/21 09:00	07/22/21 01:23	135-98-8	
tert-Butylbenzene	<21.3	ug/kg	67.7	21.3	1	07/21/21 09:00	07/22/21 01:23	98-06-6	
Carbon tetrachloride	<14.9	ug/kg	67.7	14.9	1	07/21/21 09:00	07/22/21 01:23	56-23-5	
Chlorobenzene	<8.1	ug/kg	67.7	8.1	1	07/21/21 09:00	07/22/21 01:23	108-90-7	
Chloroethane	<28.6	ug/kg	339	28.6	1	07/21/21 09:00	07/22/21 01:23	75-00-3	
Chloroform	<48.5	ug/kg	339	48.5	1	07/21/21 09:00	07/22/21 01:23	67-66-3	
Chloromethane	<25.7	ug/kg	67.7	25.7	1	07/21/21 09:00	07/22/21 01:23	74-87-3	
2-Chlorotoluene	<21.9	ug/kg	67.7	21.9	1	07/21/21 09:00	07/22/21 01:23	95-49-8	
4-Chlorotoluene	<25.7	ug/kg	67.7	25.7	1	07/21/21 09:00	07/22/21 01:23	106-43-4	
1,2-Dibromo-3-chloropropane	<52.5	ug/kg	339	52.5	1	07/21/21 09:00	07/22/21 01:23	96-12-8	
Dibromochloromethane	<231	ug/kg	339	231	1	07/21/21 09:00	07/22/21 01:23	124-48-1	
1,2-Dibromoethane (EDB)	<18.6	ug/kg	67.7	18.6	1	07/21/21 09:00	07/22/21 01:23	106-93-4	
Dibromomethane	<20.0	ug/kg	67.7	20.0	1	07/21/21 09:00	07/22/21 01:23	74-95-3	
1,2-Dichlorobenzene	<21.0	ug/kg	67.7	21.0	1	07/21/21 09:00	07/22/21 01:23	95-50-1	
1,3-Dichlorobenzene	<18.6	ug/kg	67.7	18.6	1	07/21/21 09:00	07/22/21 01:23	541-73-1	
1,4-Dichlorobenzene	<18.6	ug/kg	67.7	18.6	1	07/21/21 09:00	07/22/21 01:23	106-46-7	
Dichlorodifluoromethane	<29.1	ug/kg	67.7	29.1	1	07/21/21 09:00	07/22/21 01:23	75-71-8	
1,1-Dichloroethane	<17.3	ug/kg	67.7	17.3	1	07/21/21 09:00	07/22/21 01:23	75-34-3	
1,2-Dichloroethane	<15.6	ug/kg	67.7	15.6	1	07/21/21 09:00	07/22/21 01:23	107-06-2	
1,1-Dichloroethene	<22.5	ug/kg	67.7	22.5	1	07/21/21 09:00	07/22/21 01:23	75-35-4	
cis-1,2-Dichloroethene	<14.5	ug/kg	67.7	14.5	1	07/21/21 09:00	07/22/21 01:23	156-59-2	
trans-1,2-Dichloroethene	<14.6	ug/kg	67.7	14.6	1	07/21/21 09:00	07/22/21 01:23	156-60-5	
1,2-Dichloropropane	<16.1	ug/kg	67.7	16.1	1	07/21/21 09:00	07/22/21 01:23	78-87-5	
1,3-Dichloropropane	<14.8	ug/kg	67.7	14.8	1	07/21/21 09:00	07/22/21 01:23	142-28-9	
2,2-Dichloropropane	<18.3	ug/kg	67.7	18.3	1	07/21/21 09:00	07/22/21 01:23	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-4 (1)**      **Lab ID: 40230183028**      Collected: 07/16/21 11:00      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<21.9	ug/kg	67.7	21.9	1	07/21/21 09:00	07/22/21 01:23	563-58-6	
cis-1,3-Dichloropropene	<44.7	ug/kg	339	44.7	1	07/21/21 09:00	07/22/21 01:23	10061-01-5	
trans-1,3-Dichloropropene	<194	ug/kg	339	194	1	07/21/21 09:00	07/22/21 01:23	10061-02-6	
Diisopropyl ether	<16.8	ug/kg	67.7	16.8	1	07/21/21 09:00	07/22/21 01:23	108-20-3	
Ethylbenzene	<16.1	ug/kg	67.7	16.1	1	07/21/21 09:00	07/22/21 01:23	100-41-4	
Hexachloro-1,3-butadiene	<135	ug/kg	339	135	1	07/21/21 09:00	07/22/21 01:23	87-68-3	
Isopropylbenzene (Cumene)	<18.3	ug/kg	67.7	18.3	1	07/21/21 09:00	07/22/21 01:23	98-82-8	
p-Isopropyltoluene	<20.6	ug/kg	67.7	20.6	1	07/21/21 09:00	07/22/21 01:23	99-87-6	
Methylene Chloride	<18.8	ug/kg	67.7	18.8	1	07/21/21 09:00	07/22/21 01:23	75-09-2	
Methyl-tert-butyl ether	<19.9	ug/kg	67.7	19.9	1	07/21/21 09:00	07/22/21 01:23	1634-04-4	
Naphthalene	126J	ug/kg	339	21.1	1	07/21/21 09:00	07/22/21 01:23	91-20-3	
n-Propylbenzene	<16.3	ug/kg	67.7	16.3	1	07/21/21 09:00	07/22/21 01:23	103-65-1	
Styrene	<17.3	ug/kg	67.7	17.3	1	07/21/21 09:00	07/22/21 01:23	100-42-5	
1,1,1,2-Tetrachloroethane	<16.3	ug/kg	67.7	16.3	1	07/21/21 09:00	07/22/21 01:23	630-20-6	
1,1,2,2-Tetrachloroethane	<24.5	ug/kg	67.7	24.5	1	07/21/21 09:00	07/22/21 01:23	79-34-5	
Tetrachloroethene	<26.3	ug/kg	67.7	26.3	1	07/21/21 09:00	07/22/21 01:23	127-18-4	
Toluene	36.3J	ug/kg	67.7	17.1	1	07/21/21 09:00	07/22/21 01:23	108-88-3	
1,2,3-Trichlorobenzene	<75.4	ug/kg	339	75.4	1	07/21/21 09:00	07/22/21 01:23	87-61-6	
1,2,4-Trichlorobenzene	<55.8	ug/kg	339	55.8	1	07/21/21 09:00	07/22/21 01:23	120-82-1	
1,1,1-Trichloroethane	<17.3	ug/kg	67.7	17.3	1	07/21/21 09:00	07/22/21 01:23	71-55-6	
1,1,2-Trichloroethane	<24.6	ug/kg	67.7	24.6	1	07/21/21 09:00	07/22/21 01:23	79-00-5	
Trichloroethene	<25.3	ug/kg	67.7	25.3	1	07/21/21 09:00	07/22/21 01:23	79-01-6	
Trichlorofluoromethane	<19.6	ug/kg	67.7	19.6	1	07/21/21 09:00	07/22/21 01:23	75-69-4	
1,2,3-Trichloropropane	<32.9	ug/kg	67.7	32.9	1	07/21/21 09:00	07/22/21 01:23	96-18-4	
1,2,4-Trimethylbenzene	<20.2	ug/kg	67.7	20.2	1	07/21/21 09:00	07/22/21 01:23	95-63-6	
1,3,5-Trimethylbenzene	<21.8	ug/kg	67.7	21.8	1	07/21/21 09:00	07/22/21 01:23	108-67-8	
Vinyl chloride	<13.7	ug/kg	67.7	13.7	1	07/21/21 09:00	07/22/21 01:23	75-01-4	
m&p-Xylene	35.0J	ug/kg	135	28.6	1	07/21/21 09:00	07/22/21 01:23	179601-23-1	
o-Xylene	21.3J	ug/kg	67.7	20.3	1	07/21/21 09:00	07/22/21 01:23	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	122	%	67-159		1	07/21/21 09:00	07/22/21 01:23	2037-26-5	
4-Bromofluorobenzene (S)	105	%	66-153		1	07/21/21 09:00	07/22/21 01:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	82-158		1	07/21/21 09:00	07/22/21 01:23	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	15.0	%	0.10	0.10	1		07/19/21 14:59		
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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-3 (1)**      **Lab ID: 40230183029**      Collected: 07/16/21 11:04      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<33.1	ug/kg	109	33.1	2	07/20/21 10:15	07/21/21 07:13	12674-11-2	
PCB-1221 (Aroclor 1221)	<33.1	ug/kg	109	33.1	2	07/20/21 10:15	07/21/21 07:13	11104-28-2	
PCB-1232 (Aroclor 1232)	<33.1	ug/kg	109	33.1	2	07/20/21 10:15	07/21/21 07:13	11141-16-5	
PCB-1242 (Aroclor 1242)	713	ug/kg	109	33.1	2	07/20/21 10:15	07/21/21 07:13	53469-21-9	
PCB-1248 (Aroclor 1248)	<33.1	ug/kg	109	33.1	2	07/20/21 10:15	07/21/21 07:13	12672-29-6	
PCB-1254 (Aroclor 1254)	844	ug/kg	109	33.1	2	07/20/21 10:15	07/21/21 07:13	11097-69-1	
PCB-1260 (Aroclor 1260)	134	ug/kg	109	33.1	2	07/20/21 10:15	07/21/21 07:13	11096-82-5	
PCB, Total	1690	ug/kg	109	33.1	2	07/20/21 10:15	07/21/21 07:13	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	55	%	67-102		2	07/20/21 10:15	07/21/21 07:13	877-09-8	S0
Decachlorobiphenyl (S)	50	%	47-114		2	07/20/21 10:15	07/21/21 07:13	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	1370	mg/kg	78.1	23.3	20	07/22/21 09:49	07/23/21 10:23		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	8.2J	mg/kg	13.4	7.8	5	07/21/21 06:59	07/22/21 13:25	7440-38-2	D3
Barium	114	mg/kg	2.7	0.80	5	07/21/21 06:59	07/22/21 13:25	7440-39-3	
Cadmium	2.5J	mg/kg	2.7	0.71	5	07/21/21 06:59	07/22/21 13:25	7440-43-9	D3
Chromium	701	mg/kg	5.4	1.5	5	07/21/21 06:59	07/22/21 13:25	7440-47-3	
Lead	216	mg/kg	10.7	3.2	5	07/21/21 06:59	07/22/21 13:25	7439-92-1	
Selenium	<7.0	mg/kg	21.4	7.0	5	07/21/21 06:59	07/22/21 13:25	7782-49-2	D3
Silver	2.6J	mg/kg	5.4	1.6	5	07/21/21 06:59	07/22/21 13:25	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.66	mg/kg	0.036	0.010	1	07/21/21 13:05	07/22/21 12:00	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	66.6J	ug/kg	90.8	11.8	5	07/29/21 08:20	07/29/21 19:42	83-32-9	
Acenaphthylene	53.9J	ug/kg	90.8	11.4	5	07/29/21 08:20	07/29/21 19:42	208-96-8	
Anthracene	116	ug/kg	90.8	11.3	5	07/29/21 08:20	07/29/21 19:42	120-12-7	
Benzo(a)anthracene	412	ug/kg	90.8	11.7	5	07/29/21 08:20	07/29/21 19:42	56-55-3	
Benzo(a)pyrene	409	ug/kg	90.8	10.3	5	07/29/21 08:20	07/29/21 19:42	50-32-8	
Benzo(b)fluoranthene	759	ug/kg	90.8	12.6	5	07/29/21 08:20	07/29/21 19:42	205-99-2	
Benzo(g,h,i)perylene	100	ug/kg	90.8	15.9	5	07/29/21 08:20	07/29/21 19:42	191-24-2	
Benzo(k)fluoranthene	390	ug/kg	90.8	11.6	5	07/29/21 08:20	07/29/21 19:42	207-08-9	
Chrysene	470	ug/kg	90.8	17.1	5	07/29/21 08:20	07/29/21 19:42	218-01-9	
Dibenz(a,h)anthracene	32.0J	ug/kg	90.8	12.6	5	07/29/21 08:20	07/29/21 19:42	53-70-3	
Fluoranthene	1050	ug/kg	90.8	10.7	5	07/29/21 08:20	07/29/21 19:42	206-44-0	
Fluorene	30.1J	ug/kg	90.8	10.9	5	07/29/21 08:20	07/29/21 19:42	86-73-7	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-3 (1)**      **Lab ID: 40230183029**      Collected: 07/16/21 11:04      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>104</b>	ug/kg	90.8	18.9	5	07/29/21 08:20	07/29/21 19:42	193-39-5	
1-Methylnaphthalene	<b>22.4J</b>	ug/kg	90.8	13.3	5	07/29/21 08:20	07/29/21 19:42	90-12-0	
2-Methylnaphthalene	<b>42.1J</b>	ug/kg	90.8	13.3	5	07/29/21 08:20	07/29/21 19:42	91-57-6	
Naphthalene	<b>43.8J</b>	ug/kg	90.8	8.8	5	07/29/21 08:20	07/29/21 19:42	91-20-3	
Phenanthrene	<b>398</b>	ug/kg	90.8	10.4	5	07/29/21 08:20	07/29/21 19:42	85-01-8	
Pyrene	<b>867</b>	ug/kg	90.8	13.3	5	07/29/21 08:20	07/29/21 19:42	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	61	%	36-86		5	07/29/21 08:20	07/29/21 19:42	321-60-8	
Terphenyl-d14 (S)	72	%	41-97		5	07/29/21 08:20	07/29/21 19:42	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	< <b>14.0</b>	ug/kg	23.5	14.0	1	07/21/21 09:00	07/22/21 01:43	71-43-2	
Bromobenzene	< <b>22.9</b>	ug/kg	58.7	22.9	1	07/21/21 09:00	07/22/21 01:43	108-86-1	
Bromochloromethane	< <b>16.1</b>	ug/kg	58.7	16.1	1	07/21/21 09:00	07/22/21 01:43	74-97-5	
Bromodichloromethane	< <b>14.0</b>	ug/kg	58.7	14.0	1	07/21/21 09:00	07/22/21 01:43	75-27-4	
Bromoform	< <b>258</b>	ug/kg	293	258	1	07/21/21 09:00	07/22/21 01:43	75-25-2	
Bromomethane	< <b>82.2</b>	ug/kg	293	82.2	1	07/21/21 09:00	07/22/21 01:43	74-83-9	
n-Butylbenzene	< <b>26.9</b>	ug/kg	58.7	26.9	1	07/21/21 09:00	07/22/21 01:43	104-51-8	
sec-Butylbenzene	< <b>14.3</b>	ug/kg	58.7	14.3	1	07/21/21 09:00	07/22/21 01:43	135-98-8	
tert-Butylbenzene	< <b>18.4</b>	ug/kg	58.7	18.4	1	07/21/21 09:00	07/22/21 01:43	98-06-6	
Carbon tetrachloride	< <b>12.9</b>	ug/kg	58.7	12.9	1	07/21/21 09:00	07/22/21 01:43	56-23-5	
Chlorobenzene	< <b>7.0</b>	ug/kg	58.7	7.0	1	07/21/21 09:00	07/22/21 01:43	108-90-7	
Chloroethane	< <b>24.8</b>	ug/kg	293	24.8	1	07/21/21 09:00	07/22/21 01:43	75-00-3	
Chloroform	< <b>42.0</b>	ug/kg	293	42.0	1	07/21/21 09:00	07/22/21 01:43	67-66-3	
Chloromethane	< <b>22.3</b>	ug/kg	58.7	22.3	1	07/21/21 09:00	07/22/21 01:43	74-87-3	
2-Chlorotoluene	< <b>19.0</b>	ug/kg	58.7	19.0	1	07/21/21 09:00	07/22/21 01:43	95-49-8	
4-Chlorotoluene	< <b>22.3</b>	ug/kg	58.7	22.3	1	07/21/21 09:00	07/22/21 01:43	106-43-4	
1,2-Dibromo-3-chloropropane	< <b>45.5</b>	ug/kg	293	45.5	1	07/21/21 09:00	07/22/21 01:43	96-12-8	
Dibromochloromethane	< <b>201</b>	ug/kg	293	201	1	07/21/21 09:00	07/22/21 01:43	124-48-1	
1,2-Dibromoethane (EDB)	< <b>16.1</b>	ug/kg	58.7	16.1	1	07/21/21 09:00	07/22/21 01:43	106-93-4	
Dibromomethane	< <b>17.4</b>	ug/kg	58.7	17.4	1	07/21/21 09:00	07/22/21 01:43	74-95-3	
1,2-Dichlorobenzene	< <b>18.2</b>	ug/kg	58.7	18.2	1	07/21/21 09:00	07/22/21 01:43	95-50-1	
1,3-Dichlorobenzene	< <b>16.1</b>	ug/kg	58.7	16.1	1	07/21/21 09:00	07/22/21 01:43	541-73-1	
1,4-Dichlorobenzene	< <b>16.1</b>	ug/kg	58.7	16.1	1	07/21/21 09:00	07/22/21 01:43	106-46-7	
Dichlorodifluoromethane	< <b>25.2</b>	ug/kg	58.7	25.2	1	07/21/21 09:00	07/22/21 01:43	75-71-8	
1,1-Dichloroethane	< <b>15.0</b>	ug/kg	58.7	15.0	1	07/21/21 09:00	07/22/21 01:43	75-34-3	
1,2-Dichloroethane	< <b>13.5</b>	ug/kg	58.7	13.5	1	07/21/21 09:00	07/22/21 01:43	107-06-2	
1,1-Dichloroethene	< <b>19.5</b>	ug/kg	58.7	19.5	1	07/21/21 09:00	07/22/21 01:43	75-35-4	
cis-1,2-Dichloroethene	< <b>12.6</b>	ug/kg	58.7	12.6	1	07/21/21 09:00	07/22/21 01:43	156-59-2	
trans-1,2-Dichloroethene	< <b>12.7</b>	ug/kg	58.7	12.7	1	07/21/21 09:00	07/22/21 01:43	156-60-5	
1,2-Dichloropropane	< <b>14.0</b>	ug/kg	58.7	14.0	1	07/21/21 09:00	07/22/21 01:43	78-87-5	
1,3-Dichloropropane	< <b>12.8</b>	ug/kg	58.7	12.8	1	07/21/21 09:00	07/22/21 01:43	142-28-9	
2,2-Dichloropropane	< <b>15.8</b>	ug/kg	58.7	15.8	1	07/21/21 09:00	07/22/21 01:43	594-20-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-3 (1)**      **Lab ID: 40230183029**      Collected: 07/16/21 11:04      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<19.0	ug/kg	58.7	19.0	1	07/21/21 09:00	07/22/21 01:43	563-58-6	
cis-1,3-Dichloropropene	<38.7	ug/kg	293	38.7	1	07/21/21 09:00	07/22/21 01:43	10061-01-5	
trans-1,3-Dichloropropene	<168	ug/kg	293	168	1	07/21/21 09:00	07/22/21 01:43	10061-02-6	
Diisopropyl ether	<14.5	ug/kg	58.7	14.5	1	07/21/21 09:00	07/22/21 01:43	108-20-3	
Ethylbenzene	<14.0	ug/kg	58.7	14.0	1	07/21/21 09:00	07/22/21 01:43	100-41-4	
Hexachloro-1,3-butadiene	<117	ug/kg	293	117	1	07/21/21 09:00	07/22/21 01:43	87-68-3	
Isopropylbenzene (Cumene)	<15.8	ug/kg	58.7	15.8	1	07/21/21 09:00	07/22/21 01:43	98-82-8	
p-Isopropyltoluene	<17.8	ug/kg	58.7	17.8	1	07/21/21 09:00	07/22/21 01:43	99-87-6	
Methylene Chloride	<16.3	ug/kg	58.7	16.3	1	07/21/21 09:00	07/22/21 01:43	75-09-2	
Methyl-tert-butyl ether	<17.2	ug/kg	58.7	17.2	1	07/21/21 09:00	07/22/21 01:43	1634-04-4	
Naphthalene	131J	ug/kg	293	18.3	1	07/21/21 09:00	07/22/21 01:43	91-20-3	
n-Propylbenzene	<14.1	ug/kg	58.7	14.1	1	07/21/21 09:00	07/22/21 01:43	103-65-1	
Styrene	<15.0	ug/kg	58.7	15.0	1	07/21/21 09:00	07/22/21 01:43	100-42-5	
1,1,1,2-Tetrachloroethane	<14.1	ug/kg	58.7	14.1	1	07/21/21 09:00	07/22/21 01:43	630-20-6	
1,1,2,2-Tetrachloroethane	<21.2	ug/kg	58.7	21.2	1	07/21/21 09:00	07/22/21 01:43	79-34-5	
Tetrachloroethene	<22.8	ug/kg	58.7	22.8	1	07/21/21 09:00	07/22/21 01:43	127-18-4	
Toluene	<14.8	ug/kg	58.7	14.8	1	07/21/21 09:00	07/22/21 01:43	108-88-3	
1,2,3-Trichlorobenzene	<65.3	ug/kg	293	65.3	1	07/21/21 09:00	07/22/21 01:43	87-61-6	
1,2,4-Trichlorobenzene	<48.3	ug/kg	293	48.3	1	07/21/21 09:00	07/22/21 01:43	120-82-1	
1,1,1-Trichloroethane	<15.0	ug/kg	58.7	15.0	1	07/21/21 09:00	07/22/21 01:43	71-55-6	
1,1,2-Trichloroethane	<21.4	ug/kg	58.7	21.4	1	07/21/21 09:00	07/22/21 01:43	79-00-5	
Trichloroethene	<21.9	ug/kg	58.7	21.9	1	07/21/21 09:00	07/22/21 01:43	79-01-6	
Trichlorofluoromethane	<17.0	ug/kg	58.7	17.0	1	07/21/21 09:00	07/22/21 01:43	75-69-4	
1,2,3-Trichloropropane	<28.5	ug/kg	58.7	28.5	1	07/21/21 09:00	07/22/21 01:43	96-18-4	
1,2,4-Trimethylbenzene	<17.5	ug/kg	58.7	17.5	1	07/21/21 09:00	07/22/21 01:43	95-63-6	
1,3,5-Trimethylbenzene	<18.9	ug/kg	58.7	18.9	1	07/21/21 09:00	07/22/21 01:43	108-67-8	
Vinyl chloride	<11.8	ug/kg	58.7	11.8	1	07/21/21 09:00	07/22/21 01:43	75-01-4	
m&p-Xylene	<24.8	ug/kg	117	24.8	1	07/21/21 09:00	07/22/21 01:43	179601-23-1	
o-Xylene	<17.6	ug/kg	58.7	17.6	1	07/21/21 09:00	07/22/21 01:43	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	117	%	67-159		1	07/21/21 09:00	07/22/21 01:43	2037-26-5	
4-Bromofluorobenzene (S)	107	%	66-153		1	07/21/21 09:00	07/22/21 01:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	82-158		1	07/21/21 09:00	07/22/21 01:43	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	8.0	%	0.10	0.10	1		07/19/21 15:00		
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## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-3 (7)**      **Lab ID: 40230183030**      Collected: 07/16/21 11:06      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<16.4	ug/kg	53.8	16.4	1	07/20/21 10:15	07/21/21 12:54	12674-11-2	
PCB-1221 (Aroclor 1221)	<16.4	ug/kg	53.8	16.4	1	07/20/21 10:15	07/21/21 12:54	11104-28-2	
PCB-1232 (Aroclor 1232)	<16.4	ug/kg	53.8	16.4	1	07/20/21 10:15	07/21/21 12:54	11141-16-5	
PCB-1242 (Aroclor 1242)	19.1J	ug/kg	53.8	16.4	1	07/20/21 10:15	07/21/21 12:54	53469-21-9	
PCB-1248 (Aroclor 1248)	<16.4	ug/kg	53.8	16.4	1	07/20/21 10:15	07/21/21 12:54	12672-29-6	
PCB-1254 (Aroclor 1254)	<16.4	ug/kg	53.8	16.4	1	07/20/21 10:15	07/21/21 12:54	11097-69-1	
PCB-1260 (Aroclor 1260)	<16.4	ug/kg	53.8	16.4	1	07/20/21 10:15	07/21/21 12:54	11096-82-5	
PCB, Total	19.1J	ug/kg	53.8	16.4	1	07/20/21 10:15	07/21/21 12:54	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	76	%	67-102		1	07/20/21 10:15	07/21/21 12:54	877-09-8	
Decachlorobiphenyl (S)	69	%	47-114		1	07/20/21 10:15	07/21/21 12:54	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	5.9	mg/kg	3.8	1.1	1	07/22/21 09:49	07/23/21 09:00		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.0J	mg/kg	2.7	1.6	1	07/21/21 06:59	07/21/21 18:14	7440-38-2	
Barium	22.8	mg/kg	0.53	0.16	1	07/21/21 06:59	07/21/21 18:14	7440-39-3	
Cadmium	<0.14	mg/kg	0.53	0.14	1	07/21/21 06:59	07/21/21 18:14	7440-43-9	
Chromium	14.9	mg/kg	1.1	0.30	1	07/21/21 06:59	07/21/21 18:14	7440-47-3	
Lead	4.8	mg/kg	2.1	0.64	1	07/21/21 06:59	07/21/21 18:14	7439-92-1	
Selenium	<1.4	mg/kg	4.3	1.4	1	07/21/21 06:59	07/21/21 18:14	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	07/21/21 06:59	07/21/21 18:14	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.020J	mg/kg	0.034	0.0098	1	07/21/21 13:05	07/22/21 12:07	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<2.3	ug/kg	18.0	2.3	1	07/29/21 08:20	07/29/21 13:39	83-32-9	
Acenaphthylene	<2.3	ug/kg	18.0	2.3	1	07/29/21 08:20	07/29/21 13:39	208-96-8	
Anthracene	2.6J	ug/kg	18.0	2.2	1	07/29/21 08:20	07/29/21 13:39	120-12-7	
Benzo(a)anthracene	7.4J	ug/kg	18.0	2.3	1	07/29/21 08:20	07/29/21 13:39	56-55-3	
Benzo(a)pyrene	6.3J	ug/kg	18.0	2.0	1	07/29/21 08:20	07/29/21 13:39	50-32-8	
Benzo(b)fluoranthene	10.9J	ug/kg	18.0	2.5	1	07/29/21 08:20	07/29/21 13:39	205-99-2	
Benzo(g,h,i)perylene	6.0J	ug/kg	18.0	3.2	1	07/29/21 08:20	07/29/21 13:39	191-24-2	
Benzo(k)fluoranthene	4.6J	ug/kg	18.0	2.3	1	07/29/21 08:20	07/29/21 13:39	207-08-9	
Chrysene	10.2J	ug/kg	18.0	3.4	1	07/29/21 08:20	07/29/21 13:39	218-01-9	
Dibenz(a,h)anthracene	<2.5	ug/kg	18.0	2.5	1	07/29/21 08:20	07/29/21 13:39	53-70-3	
Fluoranthene	19.0	ug/kg	18.0	2.1	1	07/29/21 08:20	07/29/21 13:39	206-44-0	
Fluorene	<2.2	ug/kg	18.0	2.2	1	07/29/21 08:20	07/29/21 13:39	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-3 (7)**      **Lab ID: 40230183030**      Collected: 07/16/21 11:06      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	4.4J	ug/kg	18.0	3.8	1	07/29/21 08:20	07/29/21 13:39	193-39-5	
1-Methylnaphthalene	<2.6	ug/kg	18.0	2.6	1	07/29/21 08:20	07/29/21 13:39	90-12-0	
2-Methylnaphthalene	<2.6	ug/kg	18.0	2.6	1	07/29/21 08:20	07/29/21 13:39	91-57-6	
Naphthalene	<1.8	ug/kg	18.0	1.8	1	07/29/21 08:20	07/29/21 13:39	91-20-3	
Phenanthrene	6.2J	ug/kg	18.0	2.1	1	07/29/21 08:20	07/29/21 13:39	85-01-8	
Pyrene	12.8J	ug/kg	18.0	2.6	1	07/29/21 08:20	07/29/21 13:39	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	72	%	36-86		1	07/29/21 08:20	07/29/21 13:39	321-60-8	
Terphenyl-d14 (S)	78	%	41-97		1	07/29/21 08:20	07/29/21 13:39	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<13.8	ug/kg	23.1	13.8	1	07/21/21 09:00	07/22/21 02:02	71-43-2	
Bromobenzene	<22.6	ug/kg	57.8	22.6	1	07/21/21 09:00	07/22/21 02:02	108-86-1	
Bromochloromethane	<15.8	ug/kg	57.8	15.8	1	07/21/21 09:00	07/22/21 02:02	74-97-5	
Bromodichloromethane	<13.8	ug/kg	57.8	13.8	1	07/21/21 09:00	07/22/21 02:02	75-27-4	
Bromoform	<255	ug/kg	289	255	1	07/21/21 09:00	07/22/21 02:02	75-25-2	
Bromomethane	<81.1	ug/kg	289	81.1	1	07/21/21 09:00	07/22/21 02:02	74-83-9	
n-Butylbenzene	<26.5	ug/kg	57.8	26.5	1	07/21/21 09:00	07/22/21 02:02	104-51-8	
sec-Butylbenzene	<14.1	ug/kg	57.8	14.1	1	07/21/21 09:00	07/22/21 02:02	135-98-8	
tert-Butylbenzene	<18.2	ug/kg	57.8	18.2	1	07/21/21 09:00	07/22/21 02:02	98-06-6	
Carbon tetrachloride	<12.7	ug/kg	57.8	12.7	1	07/21/21 09:00	07/22/21 02:02	56-23-5	
Chlorobenzene	<6.9	ug/kg	57.8	6.9	1	07/21/21 09:00	07/22/21 02:02	108-90-7	
Chloroethane	<24.4	ug/kg	289	24.4	1	07/21/21 09:00	07/22/21 02:02	75-00-3	
Chloroform	<41.4	ug/kg	289	41.4	1	07/21/21 09:00	07/22/21 02:02	67-66-3	
Chloromethane	<22.0	ug/kg	57.8	22.0	1	07/21/21 09:00	07/22/21 02:02	74-87-3	
2-Chlorotoluene	<18.7	ug/kg	57.8	18.7	1	07/21/21 09:00	07/22/21 02:02	95-49-8	
4-Chlorotoluene	<22.0	ug/kg	57.8	22.0	1	07/21/21 09:00	07/22/21 02:02	106-43-4	
1,2-Dibromo-3-chloropropane	<44.9	ug/kg	289	44.9	1	07/21/21 09:00	07/22/21 02:02	96-12-8	
Dibromochloromethane	<198	ug/kg	289	198	1	07/21/21 09:00	07/22/21 02:02	124-48-1	
1,2-Dibromoethane (EDB)	<15.8	ug/kg	57.8	15.8	1	07/21/21 09:00	07/22/21 02:02	106-93-4	
Dibromomethane	<17.1	ug/kg	57.8	17.1	1	07/21/21 09:00	07/22/21 02:02	74-95-3	
1,2-Dichlorobenzene	<17.9	ug/kg	57.8	17.9	1	07/21/21 09:00	07/22/21 02:02	95-50-1	
1,3-Dichlorobenzene	<15.8	ug/kg	57.8	15.8	1	07/21/21 09:00	07/22/21 02:02	541-73-1	
1,4-Dichlorobenzene	<15.8	ug/kg	57.8	15.8	1	07/21/21 09:00	07/22/21 02:02	106-46-7	
Dichlorodifluoromethane	<24.9	ug/kg	57.8	24.9	1	07/21/21 09:00	07/22/21 02:02	75-71-8	
1,1-Dichloroethane	<14.8	ug/kg	57.8	14.8	1	07/21/21 09:00	07/22/21 02:02	75-34-3	
1,2-Dichloroethane	<13.3	ug/kg	57.8	13.3	1	07/21/21 09:00	07/22/21 02:02	107-06-2	
1,1-Dichloroethene	<19.2	ug/kg	57.8	19.2	1	07/21/21 09:00	07/22/21 02:02	75-35-4	
cis-1,2-Dichloroethene	<12.4	ug/kg	57.8	12.4	1	07/21/21 09:00	07/22/21 02:02	156-59-2	
trans-1,2-Dichloroethene	<12.5	ug/kg	57.8	12.5	1	07/21/21 09:00	07/22/21 02:02	156-60-5	
1,2-Dichloropropane	<13.8	ug/kg	57.8	13.8	1	07/21/21 09:00	07/22/21 02:02	78-87-5	
1,3-Dichloropropane	<12.6	ug/kg	57.8	12.6	1	07/21/21 09:00	07/22/21 02:02	142-28-9	
2,2-Dichloropropane	<15.6	ug/kg	57.8	15.6	1	07/21/21 09:00	07/22/21 02:02	594-20-7	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-3 (7)**      **Lab ID: 40230183030**      Collected: 07/16/21 11:06      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<18.7	ug/kg	57.8	18.7	1	07/21/21 09:00	07/22/21 02:02	563-58-6	
cis-1,3-Dichloropropene	<38.2	ug/kg	289	38.2	1	07/21/21 09:00	07/22/21 02:02	10061-01-5	
trans-1,3-Dichloropropene	<165	ug/kg	289	165	1	07/21/21 09:00	07/22/21 02:02	10061-02-6	
Diisopropyl ether	<14.3	ug/kg	57.8	14.3	1	07/21/21 09:00	07/22/21 02:02	108-20-3	
Ethylbenzene	<13.8	ug/kg	57.8	13.8	1	07/21/21 09:00	07/22/21 02:02	100-41-4	
Hexachloro-1,3-butadiene	<115	ug/kg	289	115	1	07/21/21 09:00	07/22/21 02:02	87-68-3	
Isopropylbenzene (Cumene)	<15.6	ug/kg	57.8	15.6	1	07/21/21 09:00	07/22/21 02:02	98-82-8	
p-Isopropyltoluene	<17.6	ug/kg	57.8	17.6	1	07/21/21 09:00	07/22/21 02:02	99-87-6	
Methylene Chloride	<16.1	ug/kg	57.8	16.1	1	07/21/21 09:00	07/22/21 02:02	75-09-2	
Methyl-tert-butyl ether	<17.0	ug/kg	57.8	17.0	1	07/21/21 09:00	07/22/21 02:02	1634-04-4	
Naphthalene	<18.0	ug/kg	289	18.0	1	07/21/21 09:00	07/22/21 02:02	91-20-3	
n-Propylbenzene	<13.9	ug/kg	57.8	13.9	1	07/21/21 09:00	07/22/21 02:02	103-65-1	
Styrene	<14.8	ug/kg	57.8	14.8	1	07/21/21 09:00	07/22/21 02:02	100-42-5	
1,1,1,2-Tetrachloroethane	<13.9	ug/kg	57.8	13.9	1	07/21/21 09:00	07/22/21 02:02	630-20-6	
1,1,2,2-Tetrachloroethane	<20.9	ug/kg	57.8	20.9	1	07/21/21 09:00	07/22/21 02:02	79-34-5	
Tetrachloroethene	<22.4	ug/kg	57.8	22.4	1	07/21/21 09:00	07/22/21 02:02	127-18-4	
Toluene	<14.6	ug/kg	57.8	14.6	1	07/21/21 09:00	07/22/21 02:02	108-88-3	
1,2,3-Trichlorobenzene	<64.4	ug/kg	289	64.4	1	07/21/21 09:00	07/22/21 02:02	87-61-6	
1,2,4-Trichlorobenzene	<47.7	ug/kg	289	47.7	1	07/21/21 09:00	07/22/21 02:02	120-82-1	
1,1,1-Trichloroethane	<14.8	ug/kg	57.8	14.8	1	07/21/21 09:00	07/22/21 02:02	71-55-6	
1,1,2-Trichloroethane	<21.1	ug/kg	57.8	21.1	1	07/21/21 09:00	07/22/21 02:02	79-00-5	
Trichloroethene	<21.6	ug/kg	57.8	21.6	1	07/21/21 09:00	07/22/21 02:02	79-01-6	
Trichlorofluoromethane	<16.8	ug/kg	57.8	16.8	1	07/21/21 09:00	07/22/21 02:02	75-69-4	
1,2,3-Trichloropropane	<28.1	ug/kg	57.8	28.1	1	07/21/21 09:00	07/22/21 02:02	96-18-4	
1,2,4-Trimethylbenzene	<17.2	ug/kg	57.8	17.2	1	07/21/21 09:00	07/22/21 02:02	95-63-6	
1,3,5-Trimethylbenzene	<18.6	ug/kg	57.8	18.6	1	07/21/21 09:00	07/22/21 02:02	108-67-8	
Vinyl chloride	<11.7	ug/kg	57.8	11.7	1	07/21/21 09:00	07/22/21 02:02	75-01-4	
m&p-Xylene	<24.4	ug/kg	116	24.4	1	07/21/21 09:00	07/22/21 02:02	179601-23-1	
o-Xylene	<17.4	ug/kg	57.8	17.4	1	07/21/21 09:00	07/22/21 02:02	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	116	%	67-159		1	07/21/21 09:00	07/22/21 02:02	2037-26-5	
4-Bromofluorobenzene (S)	107	%	66-153		1	07/21/21 09:00	07/22/21 02:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	82-158		1	07/21/21 09:00	07/22/21 02:02	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	7.3	%	0.10	0.10	1		07/19/21 15:00		
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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-17 (2)**      **Lab ID: 40230183031**      Collected: 07/16/21 11:08      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<81.5	ug/kg	268	81.5	5	07/20/21 15:30	07/21/21 20:18	12674-11-2	
PCB-1221 (Aroclor 1221)	<81.5	ug/kg	268	81.5	5	07/20/21 15:30	07/21/21 20:18	11104-28-2	
PCB-1232 (Aroclor 1232)	<81.5	ug/kg	268	81.5	5	07/20/21 15:30	07/21/21 20:18	11141-16-5	
PCB-1242 (Aroclor 1242)	2520	ug/kg	268	81.5	5	07/20/21 15:30	07/21/21 20:18	53469-21-9	
PCB-1248 (Aroclor 1248)	<81.5	ug/kg	268	81.5	5	07/20/21 15:30	07/21/21 20:18	12672-29-6	
PCB-1254 (Aroclor 1254)	773	ug/kg	268	81.5	5	07/20/21 15:30	07/21/21 20:18	11097-69-1	
PCB-1260 (Aroclor 1260)	<81.5	ug/kg	268	81.5	5	07/20/21 15:30	07/21/21 20:18	11096-82-5	
PCB, Total	3290	ug/kg	268	81.5	5	07/20/21 15:30	07/21/21 20:18	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	61	%	67-102		5	07/20/21 15:30	07/21/21 20:18	877-09-8	S0
Decachlorobiphenyl (S)	71	%	47-114		5	07/20/21 15:30	07/21/21 20:18	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	1090	mg/kg	70.6	21.1	20	07/22/21 09:49	07/23/21 10:32		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<14.6	mg/kg	24.8	14.6	10	07/21/21 06:59	07/22/21 13:27	7440-38-2	D3
Barium	321	mg/kg	5.0	1.5	10	07/21/21 06:59	07/22/21 13:27	7440-39-3	
Cadmium	1.7J	mg/kg	5.0	1.3	10	07/21/21 06:59	07/22/21 13:27	7440-43-9	D3
Chromium	3100	mg/kg	9.9	2.8	10	07/21/21 06:59	07/22/21 13:27	7440-47-3	
Lead	278	mg/kg	19.9	5.9	10	07/21/21 06:59	07/22/21 13:27	7439-92-1	
Selenium	15.1J	mg/kg	39.7	13.0	10	07/21/21 06:59	07/22/21 13:27	7782-49-2	D3
Silver	4.2J	mg/kg	9.9	3.0	10	07/21/21 06:59	07/22/21 13:27	7440-22-4	D3
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	1.1	mg/kg	0.034	0.0096	1	07/21/21 13:05	07/22/21 12:09	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	57.5J	ug/kg	71.4	9.3	4	07/29/21 08:20	07/29/21 19:59	83-32-9	
Acenaphthylene	9.1J	ug/kg	71.4	9.0	4	07/29/21 08:20	07/29/21 19:59	208-96-8	
Anthracene	130	ug/kg	71.4	8.9	4	07/29/21 08:20	07/29/21 19:59	120-12-7	
Benzo(a)anthracene	333	ug/kg	71.4	9.2	4	07/29/21 08:20	07/29/21 19:59	56-55-3	
Benzo(a)pyrene	238	ug/kg	71.4	8.1	4	07/29/21 08:20	07/29/21 19:59	50-32-8	
Benzo(b)fluoranthene	477	ug/kg	71.4	9.9	4	07/29/21 08:20	07/29/21 19:59	205-99-2	
Benzo(g,h,i)perylene	51.1J	ug/kg	71.4	12.5	4	07/29/21 08:20	07/29/21 19:59	191-24-2	
Benzo(k)fluoranthene	221	ug/kg	71.4	9.1	4	07/29/21 08:20	07/29/21 19:59	207-08-9	
Chrysene	339	ug/kg	71.4	13.5	4	07/29/21 08:20	07/29/21 19:59	218-01-9	
Dibenz(a,h)anthracene	16.5J	ug/kg	71.4	9.9	4	07/29/21 08:20	07/29/21 19:59	53-70-3	
Fluoranthene	770	ug/kg	71.4	8.4	4	07/29/21 08:20	07/29/21 19:59	206-44-0	
Fluorene	73.1	ug/kg	71.4	8.6	4	07/29/21 08:20	07/29/21 19:59	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-17 (2)**      **Lab ID: 40230183031**      Collected: 07/16/21 11:08      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>49.3J</b>	ug/kg	71.4	14.9	4	07/29/21 08:20	07/29/21 19:59	193-39-5	
1-Methylnaphthalene	<b>61.1J</b>	ug/kg	71.4	10.4	4	07/29/21 08:20	07/29/21 19:59	90-12-0	
2-Methylnaphthalene	<b>91.9</b>	ug/kg	71.4	10.4	4	07/29/21 08:20	07/29/21 19:59	91-57-6	
Naphthalene	<b>85.0</b>	ug/kg	71.4	7.0	4	07/29/21 08:20	07/29/21 19:59	91-20-3	
Phenanthrene	<b>566</b>	ug/kg	71.4	8.2	4	07/29/21 08:20	07/29/21 19:59	85-01-8	
Pyrene	<b>695</b>	ug/kg	71.4	10.5	4	07/29/21 08:20	07/29/21 19:59	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	67	%	36-86		4	07/29/21 08:20	07/29/21 19:59	321-60-8	
Terphenyl-d14 (S)	59	%	41-97		4	07/29/21 08:20	07/29/21 19:59	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>17.6J</b>	ug/kg	22.7	13.5	1	07/21/21 09:00	07/22/21 09:09	71-43-2	
Bromobenzene	<b>&lt;22.1</b>	ug/kg	56.7	22.1	1	07/21/21 09:00	07/22/21 09:09	108-86-1	
Bromochloromethane	<b>&lt;15.5</b>	ug/kg	56.7	15.5	1	07/21/21 09:00	07/22/21 09:09	74-97-5	
Bromodichloromethane	<b>&lt;13.5</b>	ug/kg	56.7	13.5	1	07/21/21 09:00	07/22/21 09:09	75-27-4	
Bromoform	<b>&lt;250</b>	ug/kg	284	250	1	07/21/21 09:00	07/22/21 09:09	75-25-2	
Bromomethane	<b>&lt;79.6</b>	ug/kg	284	79.6	1	07/21/21 09:00	07/22/21 09:09	74-83-9	
n-Butylbenzene	<b>&lt;26.0</b>	ug/kg	56.7	26.0	1	07/21/21 09:00	07/22/21 09:09	104-51-8	
sec-Butylbenzene	<b>&lt;13.8</b>	ug/kg	56.7	13.8	1	07/21/21 09:00	07/22/21 09:09	135-98-8	
tert-Butylbenzene	<b>&lt;17.8</b>	ug/kg	56.7	17.8	1	07/21/21 09:00	07/22/21 09:09	98-06-6	
Carbon tetrachloride	<b>&lt;12.5</b>	ug/kg	56.7	12.5	1	07/21/21 09:00	07/22/21 09:09	56-23-5	
Chlorobenzene	<b>&lt;6.8</b>	ug/kg	56.7	6.8	1	07/21/21 09:00	07/22/21 09:09	108-90-7	
Chloroethane	<b>&lt;23.9</b>	ug/kg	284	23.9	1	07/21/21 09:00	07/22/21 09:09	75-00-3	
Chloroform	<b>&lt;40.6</b>	ug/kg	284	40.6	1	07/21/21 09:00	07/22/21 09:09	67-66-3	
Chloromethane	<b>&lt;21.6</b>	ug/kg	56.7	21.6	1	07/21/21 09:00	07/22/21 09:09	74-87-3	
2-Chlorotoluene	<b>&lt;18.4</b>	ug/kg	56.7	18.4	1	07/21/21 09:00	07/22/21 09:09	95-49-8	
4-Chlorotoluene	<b>&lt;21.6</b>	ug/kg	56.7	21.6	1	07/21/21 09:00	07/22/21 09:09	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;44.0</b>	ug/kg	284	44.0	1	07/21/21 09:00	07/22/21 09:09	96-12-8	
Dibromochloromethane	<b>&lt;194</b>	ug/kg	284	194	1	07/21/21 09:00	07/22/21 09:09	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;15.5</b>	ug/kg	56.7	15.5	1	07/21/21 09:00	07/22/21 09:09	106-93-4	
Dibromomethane	<b>&lt;16.8</b>	ug/kg	56.7	16.8	1	07/21/21 09:00	07/22/21 09:09	74-95-3	
1,2-Dichlorobenzene	<b>&lt;17.6</b>	ug/kg	56.7	17.6	1	07/21/21 09:00	07/22/21 09:09	95-50-1	
1,3-Dichlorobenzene	<b>&lt;15.5</b>	ug/kg	56.7	15.5	1	07/21/21 09:00	07/22/21 09:09	541-73-1	
1,4-Dichlorobenzene	<b>&lt;15.5</b>	ug/kg	56.7	15.5	1	07/21/21 09:00	07/22/21 09:09	106-46-7	
Dichlorodifluoromethane	<b>&lt;24.4</b>	ug/kg	56.7	24.4	1	07/21/21 09:00	07/22/21 09:09	75-71-8	
1,1-Dichloroethane	<b>&lt;14.5</b>	ug/kg	56.7	14.5	1	07/21/21 09:00	07/22/21 09:09	75-34-3	
1,2-Dichloroethane	<b>&lt;13.1</b>	ug/kg	56.7	13.1	1	07/21/21 09:00	07/22/21 09:09	107-06-2	
1,1-Dichloroethene	<b>&lt;18.8</b>	ug/kg	56.7	18.8	1	07/21/21 09:00	07/22/21 09:09	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;12.1</b>	ug/kg	56.7	12.1	1	07/21/21 09:00	07/22/21 09:09	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;12.3</b>	ug/kg	56.7	12.3	1	07/21/21 09:00	07/22/21 09:09	156-60-5	
1,2-Dichloropropane	<b>&lt;13.5</b>	ug/kg	56.7	13.5	1	07/21/21 09:00	07/22/21 09:09	78-87-5	
1,3-Dichloropropane	<b>&lt;12.4</b>	ug/kg	56.7	12.4	1	07/21/21 09:00	07/22/21 09:09	142-28-9	
2,2-Dichloropropane	<b>&lt;15.3</b>	ug/kg	56.7	15.3	1	07/21/21 09:00	07/22/21 09:09	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-17 (2)**      **Lab ID: 40230183031**      Collected: 07/16/21 11:08      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<18.4	ug/kg	56.7	18.4	1	07/21/21 09:00	07/22/21 09:09	563-58-6	
cis-1,3-Dichloropropene	<37.5	ug/kg	284	37.5	1	07/21/21 09:00	07/22/21 09:09	10061-01-5	
trans-1,3-Dichloropropene	<162	ug/kg	284	162	1	07/21/21 09:00	07/22/21 09:09	10061-02-6	
Diisopropyl ether	<14.1	ug/kg	56.7	14.1	1	07/21/21 09:00	07/22/21 09:09	108-20-3	
Ethylbenzene	139	ug/kg	56.7	13.5	1	07/21/21 09:00	07/22/21 09:09	100-41-4	
Hexachloro-1,3-butadiene	<113	ug/kg	284	113	1	07/21/21 09:00	07/22/21 09:09	87-68-3	
Isopropylbenzene (Cumene)	49.7J	ug/kg	56.7	15.3	1	07/21/21 09:00	07/22/21 09:09	98-82-8	
p-Isopropyltoluene	<17.3	ug/kg	56.7	17.3	1	07/21/21 09:00	07/22/21 09:09	99-87-6	
Methylene Chloride	<15.8	ug/kg	56.7	15.8	1	07/21/21 09:00	07/22/21 09:09	75-09-2	
Methyl-tert-butyl ether	<16.7	ug/kg	56.7	16.7	1	07/21/21 09:00	07/22/21 09:09	1634-04-4	
Naphthalene	<17.7	ug/kg	284	17.7	1	07/21/21 09:00	07/22/21 09:09	91-20-3	
n-Propylbenzene	38.0J	ug/kg	56.7	13.6	1	07/21/21 09:00	07/22/21 09:09	103-65-1	
Styrene	108	ug/kg	56.7	14.5	1	07/21/21 09:00	07/22/21 09:09	100-42-5	
1,1,1,2-Tetrachloroethane	<13.6	ug/kg	56.7	13.6	1	07/21/21 09:00	07/22/21 09:09	630-20-6	
1,1,2,2-Tetrachloroethane	<20.5	ug/kg	56.7	20.5	1	07/21/21 09:00	07/22/21 09:09	79-34-5	
Tetrachloroethene	<22.0	ug/kg	56.7	22.0	1	07/21/21 09:00	07/22/21 09:09	127-18-4	
Toluene	84.7	ug/kg	56.7	14.3	1	07/21/21 09:00	07/22/21 09:09	108-88-3	
1,2,3-Trichlorobenzene	<63.2	ug/kg	284	63.2	1	07/21/21 09:00	07/22/21 09:09	87-61-6	
1,2,4-Trichlorobenzene	69.5J	ug/kg	284	46.8	1	07/21/21 09:00	07/22/21 09:09	120-82-1	
1,1,1-Trichloroethane	<14.5	ug/kg	56.7	14.5	1	07/21/21 09:00	07/22/21 09:09	71-55-6	
1,1,2-Trichloroethane	<20.7	ug/kg	56.7	20.7	1	07/21/21 09:00	07/22/21 09:09	79-00-5	
Trichloroethene	<21.2	ug/kg	56.7	21.2	1	07/21/21 09:00	07/22/21 09:09	79-01-6	
Trichlorofluoromethane	245	ug/kg	56.7	16.5	1	07/21/21 09:00	07/22/21 09:09	75-69-4	
1,2,3-Trichloropropane	<27.6	ug/kg	56.7	27.6	1	07/21/21 09:00	07/22/21 09:09	96-18-4	
1,2,4-Trimethylbenzene	146	ug/kg	56.7	16.9	1	07/21/21 09:00	07/22/21 09:09	95-63-6	
1,3,5-Trimethylbenzene	46.7J	ug/kg	56.7	18.3	1	07/21/21 09:00	07/22/21 09:09	108-67-8	
Vinyl chloride	<11.5	ug/kg	56.7	11.5	1	07/21/21 09:00	07/22/21 09:09	75-01-4	
m&p-Xylene	287	ug/kg	113	23.9	1	07/21/21 09:00	07/22/21 09:09	179601-23-1	
o-Xylene	144	ug/kg	56.7	17.0	1	07/21/21 09:00	07/22/21 09:09	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	113	%	67-159		1	07/21/21 09:00	07/22/21 09:09	2037-26-5	
4-Bromofluorobenzene (S)	108	%	66-153		1	07/21/21 09:00	07/22/21 09:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	82-158		1	07/21/21 09:00	07/22/21 09:09	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	6.3	%	0.10	0.10	1		07/19/21 15:00		
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### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-17 (7)**      **Lab ID: 40230183032**      Collected: 07/16/21 11:10      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<18.6	ug/kg	60.9	18.6	1	07/20/21 15:30	07/21/21 21:08	12674-11-2	
PCB-1221 (Aroclor 1221)	<18.6	ug/kg	60.9	18.6	1	07/20/21 15:30	07/21/21 21:08	11104-28-2	
PCB-1232 (Aroclor 1232)	<18.6	ug/kg	60.9	18.6	1	07/20/21 15:30	07/21/21 21:08	11141-16-5	
PCB-1242 (Aroclor 1242)	411	ug/kg	60.9	18.6	1	07/20/21 15:30	07/21/21 21:08	53469-21-9	
PCB-1248 (Aroclor 1248)	<18.6	ug/kg	60.9	18.6	1	07/20/21 15:30	07/21/21 21:08	12672-29-6	
PCB-1254 (Aroclor 1254)	517	ug/kg	60.9	18.6	1	07/20/21 15:30	07/21/21 21:08	11097-69-1	
PCB-1260 (Aroclor 1260)	<18.6	ug/kg	60.9	18.6	1	07/20/21 15:30	07/21/21 21:08	11096-82-5	
PCB, Total	929	ug/kg	60.9	18.6	1	07/20/21 15:30	07/21/21 21:08	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	62	%	67-102		1	07/20/21 15:30	07/21/21 21:08	877-09-8	S0
Decachlorobiphenyl (S)	47	%	47-114		1	07/20/21 15:30	07/21/21 21:08	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	678	mg/kg	45.1	13.5	10	07/22/21 09:49	07/23/21 12:05		DC
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.1J	mg/kg	2.9	1.7	1	07/21/21 06:59	07/21/21 18:19	7440-38-2	
Barium	110	mg/kg	0.58	0.17	1	07/21/21 06:59	07/21/21 18:19	7440-39-3	
Cadmium	2.5	mg/kg	0.58	0.15	1	07/21/21 06:59	07/21/21 18:19	7440-43-9	
Chromium	86.4	mg/kg	1.2	0.32	1	07/21/21 06:59	07/21/21 18:19	7440-47-3	
Lead	73.4	mg/kg	2.3	0.69	1	07/21/21 06:59	07/21/21 18:19	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	07/21/21 06:59	07/21/21 18:19	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	07/21/21 06:59	07/21/21 18:19	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.14	mg/kg	0.038	0.011	1	07/21/21 13:05	07/22/21 12:12	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	40.3J	ug/kg	101	13.1	5	07/29/21 08:20	07/30/21 13:13	83-32-9	
Acenaphthylene	<12.8	ug/kg	101	12.8	5	07/29/21 08:20	07/30/21 13:13	208-96-8	
Anthracene	123	ug/kg	101	12.6	5	07/29/21 08:20	07/30/21 13:13	120-12-7	
Benzo(a)anthracene	107	ug/kg	101	13.1	5	07/29/21 08:20	07/30/21 13:13	56-55-3	
Benzo(a)pyrene	90.2J	ug/kg	101	11.5	5	07/29/21 08:20	07/30/21 13:13	50-32-8	
Benzo(b)fluoranthene	139	ug/kg	101	14.1	5	07/29/21 08:20	07/30/21 13:13	205-99-2	
Benzo(g,h,i)perylene	50.2J	ug/kg	101	17.8	5	07/29/21 08:20	07/30/21 13:13	191-24-2	
Benzo(k)fluoranthene	50.0J	ug/kg	101	12.9	5	07/29/21 08:20	07/30/21 13:13	207-08-9	
Chrysene	145	ug/kg	101	19.1	5	07/29/21 08:20	07/30/21 13:13	218-01-9	
Dibenz(a,h)anthracene	<14.0	ug/kg	101	14.0	5	07/29/21 08:20	07/30/21 13:13	53-70-3	
Fluoranthene	349	ug/kg	101	12.0	5	07/29/21 08:20	07/30/21 13:13	206-44-0	
Fluorene	51.3J	ug/kg	101	12.1	5	07/29/21 08:20	07/30/21 13:13	86-73-7	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-17 (7)**      **Lab ID: 40230183032**      Collected: 07/16/21 11:10      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM      Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<b>39.5J</b>	ug/kg	101	21.1	5	07/29/21 08:20	07/30/21 13:13	193-39-5	
1-Methylnaphthalene	<b>55.6J</b>	ug/kg	101	14.8	5	07/29/21 08:20	07/30/21 13:13	90-12-0	
2-Methylnaphthalene	<b>93.6J</b>	ug/kg	101	14.8	5	07/29/21 08:20	07/30/21 13:13	91-57-6	
Naphthalene	<b>126</b>	ug/kg	101	9.9	5	07/29/21 08:20	07/30/21 13:13	91-20-3	D3
Phenanthrene	<b>325</b>	ug/kg	101	11.6	5	07/29/21 08:20	07/30/21 13:13	85-01-8	
Pyrene	<b>284</b>	ug/kg	101	14.9	5	07/29/21 08:20	07/30/21 13:13	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	45	%	36-86		5	07/29/21 08:20	07/30/21 13:13	321-60-8	
Terphenyl-d14 (S)	35	%	41-97		5	07/29/21 08:20	07/30/21 13:13	1718-51-0	S5
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260      Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<b>36.9</b>	ug/kg	28.6	17.0	1	07/21/21 09:00	07/22/21 09:29	71-43-2	
Bromobenzene	<b>&lt;27.8</b>	ug/kg	71.4	27.8	1	07/21/21 09:00	07/22/21 09:29	108-86-1	
Bromochloromethane	<b>&lt;19.6</b>	ug/kg	71.4	19.6	1	07/21/21 09:00	07/22/21 09:29	74-97-5	
Bromodichloromethane	<b>&lt;17.0</b>	ug/kg	71.4	17.0	1	07/21/21 09:00	07/22/21 09:29	75-27-4	
Bromoform	<b>&lt;314</b>	ug/kg	357	314	1	07/21/21 09:00	07/22/21 09:29	75-25-2	
Bromomethane	<b>&lt;100</b>	ug/kg	357	100	1	07/21/21 09:00	07/22/21 09:29	74-83-9	
n-Butylbenzene	<b>&lt;32.7</b>	ug/kg	71.4	32.7	1	07/21/21 09:00	07/22/21 09:29	104-51-8	
sec-Butylbenzene	<b>&lt;17.4</b>	ug/kg	71.4	17.4	1	07/21/21 09:00	07/22/21 09:29	135-98-8	
tert-Butylbenzene	<b>&lt;22.4</b>	ug/kg	71.4	22.4	1	07/21/21 09:00	07/22/21 09:29	98-06-6	
Carbon tetrachloride	<b>&lt;15.7</b>	ug/kg	71.4	15.7	1	07/21/21 09:00	07/22/21 09:29	56-23-5	
Chlorobenzene	<b>&lt;8.6</b>	ug/kg	71.4	8.6	1	07/21/21 09:00	07/22/21 09:29	108-90-7	
Chloroethane	<b>&lt;30.1</b>	ug/kg	357	30.1	1	07/21/21 09:00	07/22/21 09:29	75-00-3	
Chloroform	<b>&lt;51.1</b>	ug/kg	357	51.1	1	07/21/21 09:00	07/22/21 09:29	67-66-3	
Chloromethane	<b>&lt;27.1</b>	ug/kg	71.4	27.1	1	07/21/21 09:00	07/22/21 09:29	74-87-3	
2-Chlorotoluene	<b>&lt;23.1</b>	ug/kg	71.4	23.1	1	07/21/21 09:00	07/22/21 09:29	95-49-8	
4-Chlorotoluene	<b>&lt;27.1</b>	ug/kg	71.4	27.1	1	07/21/21 09:00	07/22/21 09:29	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;55.4</b>	ug/kg	357	55.4	1	07/21/21 09:00	07/22/21 09:29	96-12-8	
Dibromochloromethane	<b>&lt;244</b>	ug/kg	357	244	1	07/21/21 09:00	07/22/21 09:29	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;19.6</b>	ug/kg	71.4	19.6	1	07/21/21 09:00	07/22/21 09:29	106-93-4	
Dibromomethane	<b>&lt;21.1</b>	ug/kg	71.4	21.1	1	07/21/21 09:00	07/22/21 09:29	74-95-3	
1,2-Dichlorobenzene	<b>&lt;22.1</b>	ug/kg	71.4	22.1	1	07/21/21 09:00	07/22/21 09:29	95-50-1	
1,3-Dichlorobenzene	<b>&lt;19.6</b>	ug/kg	71.4	19.6	1	07/21/21 09:00	07/22/21 09:29	541-73-1	
1,4-Dichlorobenzene	<b>&lt;19.6</b>	ug/kg	71.4	19.6	1	07/21/21 09:00	07/22/21 09:29	106-46-7	
Dichlorodifluoromethane	<b>&lt;30.7</b>	ug/kg	71.4	30.7	1	07/21/21 09:00	07/22/21 09:29	75-71-8	
1,1-Dichloroethane	<b>&lt;18.3</b>	ug/kg	71.4	18.3	1	07/21/21 09:00	07/22/21 09:29	75-34-3	
1,2-Dichloroethane	<b>&lt;16.4</b>	ug/kg	71.4	16.4	1	07/21/21 09:00	07/22/21 09:29	107-06-2	
1,1-Dichloroethene	<b>&lt;23.7</b>	ug/kg	71.4	23.7	1	07/21/21 09:00	07/22/21 09:29	75-35-4	
cis-1,2-Dichloroethene	<b>&lt;15.3</b>	ug/kg	71.4	15.3	1	07/21/21 09:00	07/22/21 09:29	156-59-2	
trans-1,2-Dichloroethene	<b>&lt;15.4</b>	ug/kg	71.4	15.4	1	07/21/21 09:00	07/22/21 09:29	156-60-5	
1,2-Dichloropropane	<b>&lt;17.0</b>	ug/kg	71.4	17.0	1	07/21/21 09:00	07/22/21 09:29	78-87-5	
1,3-Dichloropropane	<b>&lt;15.6</b>	ug/kg	71.4	15.6	1	07/21/21 09:00	07/22/21 09:29	142-28-9	
2,2-Dichloropropane	<b>&lt;19.3</b>	ug/kg	71.4	19.3	1	07/21/21 09:00	07/22/21 09:29	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-17 (7)**      **Lab ID: 40230183032**      Collected: 07/16/21 11:10      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<23.1	ug/kg	71.4	23.1	1	07/21/21 09:00	07/22/21 09:29	563-58-6	
cis-1,3-Dichloropropene	<47.1	ug/kg	357	47.1	1	07/21/21 09:00	07/22/21 09:29	10061-01-5	
trans-1,3-Dichloropropene	<204	ug/kg	357	204	1	07/21/21 09:00	07/22/21 09:29	10061-02-6	
Diisopropyl ether	<17.7	ug/kg	71.4	17.7	1	07/21/21 09:00	07/22/21 09:29	108-20-3	
Ethylbenzene	85.7	ug/kg	71.4	17.0	1	07/21/21 09:00	07/22/21 09:29	100-41-4	
Hexachloro-1,3-butadiene	<142	ug/kg	357	142	1	07/21/21 09:00	07/22/21 09:29	87-68-3	
Isopropylbenzene (Cumene)	<19.3	ug/kg	71.4	19.3	1	07/21/21 09:00	07/22/21 09:29	98-82-8	
p-Isopropyltoluene	<21.7	ug/kg	71.4	21.7	1	07/21/21 09:00	07/22/21 09:29	99-87-6	
Methylene Chloride	<19.9	ug/kg	71.4	19.9	1	07/21/21 09:00	07/22/21 09:29	75-09-2	
Methyl-tert-butyl ether	<21.0	ug/kg	71.4	21.0	1	07/21/21 09:00	07/22/21 09:29	1634-04-4	
Naphthalene	<22.3	ug/kg	357	22.3	1	07/21/21 09:00	07/22/21 09:29	91-20-3	
n-Propylbenzene	27.3J	ug/kg	71.4	17.1	1	07/21/21 09:00	07/22/21 09:29	103-65-1	
Styrene	<18.3	ug/kg	71.4	18.3	1	07/21/21 09:00	07/22/21 09:29	100-42-5	
1,1,1,2-Tetrachloroethane	<17.1	ug/kg	71.4	17.1	1	07/21/21 09:00	07/22/21 09:29	630-20-6	
1,1,2,2-Tetrachloroethane	<25.8	ug/kg	71.4	25.8	1	07/21/21 09:00	07/22/21 09:29	79-34-5	
Tetrachloroethene	<27.7	ug/kg	71.4	27.7	1	07/21/21 09:00	07/22/21 09:29	127-18-4	
Toluene	133	ug/kg	71.4	18.0	1	07/21/21 09:00	07/22/21 09:29	108-88-3	
1,2,3-Trichlorobenzene	<79.5	ug/kg	357	79.5	1	07/21/21 09:00	07/22/21 09:29	87-61-6	
1,2,4-Trichlorobenzene	<58.8	ug/kg	357	58.8	1	07/21/21 09:00	07/22/21 09:29	120-82-1	
1,1,1-Trichloroethane	<18.3	ug/kg	71.4	18.3	1	07/21/21 09:00	07/22/21 09:29	71-55-6	
1,1,2-Trichloroethane	<26.0	ug/kg	71.4	26.0	1	07/21/21 09:00	07/22/21 09:29	79-00-5	
Trichloroethene	59.4J	ug/kg	71.4	26.7	1	07/21/21 09:00	07/22/21 09:29	79-01-6	
Trichlorofluoromethane	<20.7	ug/kg	71.4	20.7	1	07/21/21 09:00	07/22/21 09:29	75-69-4	
1,2,3-Trichloropropane	<34.7	ug/kg	71.4	34.7	1	07/21/21 09:00	07/22/21 09:29	96-18-4	
1,2,4-Trimethylbenzene	164	ug/kg	71.4	21.3	1	07/21/21 09:00	07/22/21 09:29	95-63-6	
1,3,5-Trimethylbenzene	75.2	ug/kg	71.4	23.0	1	07/21/21 09:00	07/22/21 09:29	108-67-8	
Vinyl chloride	<14.4	ug/kg	71.4	14.4	1	07/21/21 09:00	07/22/21 09:29	75-01-4	
m&p-Xylene	206	ug/kg	143	30.1	1	07/21/21 09:00	07/22/21 09:29	179601-23-1	
o-Xylene	121	ug/kg	71.4	21.4	1	07/21/21 09:00	07/22/21 09:29	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	122	%	67-159		1	07/21/21 09:00	07/22/21 09:29	2037-26-5	
4-Bromofluorobenzene (S)	111	%	66-153		1	07/21/21 09:00	07/22/21 09:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	112	%	82-158		1	07/21/21 09:00	07/22/21 09:29	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	17.6	%	0.10	0.10	1		07/19/21 15:00		
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### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-4 (7)**      **Lab ID: 40230183033**      Collected: 07/16/21 11:02      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.0	ug/kg	55.9	17.0	1	07/20/21 15:30	07/21/21 21:56	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.0	ug/kg	55.9	17.0	1	07/20/21 15:30	07/21/21 21:56	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.0	ug/kg	55.9	17.0	1	07/20/21 15:30	07/21/21 21:56	11141-16-5	
PCB-1242 (Aroclor 1242)	<17.0	ug/kg	55.9	17.0	1	07/20/21 15:30	07/21/21 21:56	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.0	ug/kg	55.9	17.0	1	07/20/21 15:30	07/21/21 21:56	12672-29-6	
PCB-1254 (Aroclor 1254)	<17.0	ug/kg	55.9	17.0	1	07/20/21 15:30	07/21/21 21:56	11097-69-1	
PCB-1260 (Aroclor 1260)	<17.0	ug/kg	55.9	17.0	1	07/20/21 15:30	07/21/21 21:56	11096-82-5	
PCB, Total	<17.0	ug/kg	55.9	17.0	1	07/20/21 15:30	07/21/21 21:56	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	74	%	67-102		1	07/20/21 15:30	07/21/21 21:56	877-09-8	
Decachlorobiphenyl (S)	67	%	47-114		1	07/20/21 15:30	07/21/21 21:56	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	<1.2	mg/kg	4.1	1.2	1	07/22/21 09:49	07/23/21 07:53		
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.3J	mg/kg	2.7	1.6	1	07/21/21 06:59	07/21/21 18:21	7440-38-2	
Barium	33.0	mg/kg	0.54	0.16	1	07/21/21 06:59	07/21/21 18:21	7440-39-3	
Cadmium	<0.14	mg/kg	0.54	0.14	1	07/21/21 06:59	07/21/21 18:21	7440-43-9	
Chromium	12.4	mg/kg	1.1	0.30	1	07/21/21 06:59	07/21/21 18:21	7440-47-3	
Lead	5.7	mg/kg	2.2	0.65	1	07/21/21 06:59	07/21/21 18:21	7439-92-1	
Selenium	<1.4	mg/kg	4.4	1.4	1	07/21/21 06:59	07/21/21 18:21	7782-49-2	
Silver	<0.33	mg/kg	1.1	0.33	1	07/21/21 06:59	07/21/21 18:21	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	<0.010	mg/kg	0.035	0.010	1	07/21/21 13:05	07/22/21 12:14	7439-97-6	
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Acenaphthene	<2.4	ug/kg	18.6	2.4	1	07/29/21 08:20	07/29/21 13:57	83-32-9	
Acenaphthylene	<2.3	ug/kg	18.6	2.3	1	07/29/21 08:20	07/29/21 13:57	208-96-8	
Anthracene	<2.3	ug/kg	18.6	2.3	1	07/29/21 08:20	07/29/21 13:57	120-12-7	
Benzo(a)anthracene	<2.4	ug/kg	18.6	2.4	1	07/29/21 08:20	07/29/21 13:57	56-55-3	
Benzo(a)pyrene	<2.1	ug/kg	18.6	2.1	1	07/29/21 08:20	07/29/21 13:57	50-32-8	
Benzo(b)fluoranthene	<2.6	ug/kg	18.6	2.6	1	07/29/21 08:20	07/29/21 13:57	205-99-2	
Benzo(g,h,i)perylene	<3.3	ug/kg	18.6	3.3	1	07/29/21 08:20	07/29/21 13:57	191-24-2	
Benzo(k)fluoranthene	<2.4	ug/kg	18.6	2.4	1	07/29/21 08:20	07/29/21 13:57	207-08-9	
Chrysene	<3.5	ug/kg	18.6	3.5	1	07/29/21 08:20	07/29/21 13:57	218-01-9	
Dibenz(a,h)anthracene	<2.6	ug/kg	18.6	2.6	1	07/29/21 08:20	07/29/21 13:57	53-70-3	
Fluoranthene	<2.2	ug/kg	18.6	2.2	1	07/29/21 08:20	07/29/21 13:57	206-44-0	
Fluorene	<2.2	ug/kg	18.6	2.2	1	07/29/21 08:20	07/29/21 13:57	86-73-7	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-4 (7)**      **Lab ID: 40230183033**      Collected: 07/16/21 11:02      Received: 07/17/21 09:00      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
<b>8270E MSSV PAH by SIM</b>									
Analytical Method: EPA 8270E by SIM    Preparation Method: EPA 3546									
Pace Analytical Services - Green Bay									
Indeno(1,2,3-cd)pyrene	<3.9	ug/kg	18.6	3.9	1	07/29/21 08:20	07/29/21 13:57	193-39-5	
1-Methylnaphthalene	<2.7	ug/kg	18.6	2.7	1	07/29/21 08:20	07/29/21 13:57	90-12-0	
2-Methylnaphthalene	<2.7	ug/kg	18.6	2.7	1	07/29/21 08:20	07/29/21 13:57	91-57-6	
Naphthalene	<1.8	ug/kg	18.6	1.8	1	07/29/21 08:20	07/29/21 13:57	91-20-3	
Phenanthrene	<2.1	ug/kg	18.6	2.1	1	07/29/21 08:20	07/29/21 13:57	85-01-8	
Pyrene	<2.7	ug/kg	18.6	2.7	1	07/29/21 08:20	07/29/21 13:57	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	78	%	36-86		1	07/29/21 08:20	07/29/21 13:57	321-60-8	
Terphenyl-d14 (S)	75	%	41-97		1	07/29/21 08:20	07/29/21 13:57	1718-51-0	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<14.6	ug/kg	24.6	14.6	1	07/21/21 09:00	07/22/21 09:48	71-43-2	
Bromobenzene	<24.0	ug/kg	61.5	24.0	1	07/21/21 09:00	07/22/21 09:48	108-86-1	
Bromochloromethane	<16.9	ug/kg	61.5	16.9	1	07/21/21 09:00	07/22/21 09:48	74-97-5	
Bromodichloromethane	<14.6	ug/kg	61.5	14.6	1	07/21/21 09:00	07/22/21 09:48	75-27-4	
Bromoform	<271	ug/kg	308	271	1	07/21/21 09:00	07/22/21 09:48	75-25-2	
Bromomethane	<86.3	ug/kg	308	86.3	1	07/21/21 09:00	07/22/21 09:48	74-83-9	
n-Butylbenzene	<28.2	ug/kg	61.5	28.2	1	07/21/21 09:00	07/22/21 09:48	104-51-8	
sec-Butylbenzene	<15.0	ug/kg	61.5	15.0	1	07/21/21 09:00	07/22/21 09:48	135-98-8	
tert-Butylbenzene	<19.3	ug/kg	61.5	19.3	1	07/21/21 09:00	07/22/21 09:48	98-06-6	
Carbon tetrachloride	<13.5	ug/kg	61.5	13.5	1	07/21/21 09:00	07/22/21 09:48	56-23-5	
Chlorobenzene	<7.4	ug/kg	61.5	7.4	1	07/21/21 09:00	07/22/21 09:48	108-90-7	
Chloroethane	<26.0	ug/kg	308	26.0	1	07/21/21 09:00	07/22/21 09:48	75-00-3	
Chloroform	<44.1	ug/kg	308	44.1	1	07/21/21 09:00	07/22/21 09:48	67-66-3	
Chloromethane	<23.4	ug/kg	61.5	23.4	1	07/21/21 09:00	07/22/21 09:48	74-87-3	
2-Chlorotoluene	<19.9	ug/kg	61.5	19.9	1	07/21/21 09:00	07/22/21 09:48	95-49-8	
4-Chlorotoluene	<23.4	ug/kg	61.5	23.4	1	07/21/21 09:00	07/22/21 09:48	106-43-4	
1,2-Dibromo-3-chloropropane	<47.7	ug/kg	308	47.7	1	07/21/21 09:00	07/22/21 09:48	96-12-8	
Dibromochloromethane	<210	ug/kg	308	210	1	07/21/21 09:00	07/22/21 09:48	124-48-1	
1,2-Dibromoethane (EDB)	<16.9	ug/kg	61.5	16.9	1	07/21/21 09:00	07/22/21 09:48	106-93-4	
Dibromomethane	<18.2	ug/kg	61.5	18.2	1	07/21/21 09:00	07/22/21 09:48	74-95-3	
1,2-Dichlorobenzene	<19.1	ug/kg	61.5	19.1	1	07/21/21 09:00	07/22/21 09:48	95-50-1	
1,3-Dichlorobenzene	<16.9	ug/kg	61.5	16.9	1	07/21/21 09:00	07/22/21 09:48	541-73-1	
1,4-Dichlorobenzene	<16.9	ug/kg	61.5	16.9	1	07/21/21 09:00	07/22/21 09:48	106-46-7	
Dichlorodifluoromethane	<26.5	ug/kg	61.5	26.5	1	07/21/21 09:00	07/22/21 09:48	75-71-8	
1,1-Dichloroethane	<15.8	ug/kg	61.5	15.8	1	07/21/21 09:00	07/22/21 09:48	75-34-3	
1,2-Dichloroethane	<14.2	ug/kg	61.5	14.2	1	07/21/21 09:00	07/22/21 09:48	107-06-2	
1,1-Dichloroethene	<20.4	ug/kg	61.5	20.4	1	07/21/21 09:00	07/22/21 09:48	75-35-4	
cis-1,2-Dichloroethene	<13.2	ug/kg	61.5	13.2	1	07/21/21 09:00	07/22/21 09:48	156-59-2	
trans-1,2-Dichloroethene	<13.3	ug/kg	61.5	13.3	1	07/21/21 09:00	07/22/21 09:48	156-60-5	
1,2-Dichloropropane	<14.6	ug/kg	61.5	14.6	1	07/21/21 09:00	07/22/21 09:48	78-87-5	
1,3-Dichloropropane	<13.4	ug/kg	61.5	13.4	1	07/21/21 09:00	07/22/21 09:48	142-28-9	
2,2-Dichloropropane	<16.6	ug/kg	61.5	16.6	1	07/21/21 09:00	07/22/21 09:48	594-20-7	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-4 (7)**      **Lab ID: 40230183033**      Collected: 07/16/21 11:02      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,1-Dichloropropene	<19.9	ug/kg	61.5	19.9	1	07/21/21 09:00	07/22/21 09:48	563-58-6	
cis-1,3-Dichloropropene	<40.6	ug/kg	308	40.6	1	07/21/21 09:00	07/22/21 09:48	10061-01-5	
trans-1,3-Dichloropropene	<176	ug/kg	308	176	1	07/21/21 09:00	07/22/21 09:48	10061-02-6	
Diisopropyl ether	<15.3	ug/kg	61.5	15.3	1	07/21/21 09:00	07/22/21 09:48	108-20-3	
Ethylbenzene	<14.6	ug/kg	61.5	14.6	1	07/21/21 09:00	07/22/21 09:48	100-41-4	
Hexachloro-1,3-butadiene	<122	ug/kg	308	122	1	07/21/21 09:00	07/22/21 09:48	87-68-3	
Isopropylbenzene (Cumene)	<16.6	ug/kg	61.5	16.6	1	07/21/21 09:00	07/22/21 09:48	98-82-8	
p-Isopropyltoluene	<18.7	ug/kg	61.5	18.7	1	07/21/21 09:00	07/22/21 09:48	99-87-6	
Methylene Chloride	<17.1	ug/kg	61.5	17.1	1	07/21/21 09:00	07/22/21 09:48	75-09-2	
Methyl-tert-butyl ether	<18.1	ug/kg	61.5	18.1	1	07/21/21 09:00	07/22/21 09:48	1634-04-4	
Naphthalene	<19.2	ug/kg	308	19.2	1	07/21/21 09:00	07/22/21 09:48	91-20-3	
n-Propylbenzene	<14.8	ug/kg	61.5	14.8	1	07/21/21 09:00	07/22/21 09:48	103-65-1	
Styrene	<15.8	ug/kg	61.5	15.8	1	07/21/21 09:00	07/22/21 09:48	100-42-5	
1,1,1,2-Tetrachloroethane	<14.8	ug/kg	61.5	14.8	1	07/21/21 09:00	07/22/21 09:48	630-20-6	
1,1,2,2-Tetrachloroethane	<22.3	ug/kg	61.5	22.3	1	07/21/21 09:00	07/22/21 09:48	79-34-5	
Tetrachloroethene	<23.9	ug/kg	61.5	23.9	1	07/21/21 09:00	07/22/21 09:48	127-18-4	
Toluene	<15.5	ug/kg	61.5	15.5	1	07/21/21 09:00	07/22/21 09:48	108-88-3	
1,2,3-Trichlorobenzene	<68.5	ug/kg	308	68.5	1	07/21/21 09:00	07/22/21 09:48	87-61-6	
1,2,4-Trichlorobenzene	<50.7	ug/kg	308	50.7	1	07/21/21 09:00	07/22/21 09:48	120-82-1	
1,1,1-Trichloroethane	<15.8	ug/kg	61.5	15.8	1	07/21/21 09:00	07/22/21 09:48	71-55-6	
1,1,2-Trichloroethane	<22.4	ug/kg	61.5	22.4	1	07/21/21 09:00	07/22/21 09:48	79-00-5	
Trichloroethene	<23.0	ug/kg	61.5	23.0	1	07/21/21 09:00	07/22/21 09:48	79-01-6	
Trichlorofluoromethane	<17.8	ug/kg	61.5	17.8	1	07/21/21 09:00	07/22/21 09:48	75-69-4	
1,2,3-Trichloropropane	<29.9	ug/kg	61.5	29.9	1	07/21/21 09:00	07/22/21 09:48	96-18-4	
1,2,4-Trimethylbenzene	<18.3	ug/kg	61.5	18.3	1	07/21/21 09:00	07/22/21 09:48	95-63-6	
1,3,5-Trimethylbenzene	<19.8	ug/kg	61.5	19.8	1	07/21/21 09:00	07/22/21 09:48	108-67-8	
Vinyl chloride	<12.4	ug/kg	61.5	12.4	1	07/21/21 09:00	07/22/21 09:48	75-01-4	
m&p-Xylene	<26.0	ug/kg	123	26.0	1	07/21/21 09:00	07/22/21 09:48	179601-23-1	
o-Xylene	<18.5	ug/kg	61.5	18.5	1	07/21/21 09:00	07/22/21 09:48	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	116	%	67-159		1	07/21/21 09:00	07/22/21 09:48	2037-26-5	
4-Bromofluorobenzene (S)	106	%	66-153		1	07/21/21 09:00	07/22/21 09:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	82-158		1	07/21/21 09:00	07/22/21 09:48	2199-69-1	

**Percent Moisture**

Analytical Method: ASTM D2974-87  
Pace Analytical Services - Green Bay

Percent Moisture	<b>10.3</b>	%	0.10	0.10	1		07/19/21 15:55		
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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-2 (2)**      **Lab ID: 40230183034**      Collected: 07/16/21 14:54      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.8	ug/kg	58.3	17.8	1	07/20/21 15:30	07/21/21 22:45	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.8	ug/kg	58.3	17.8	1	07/20/21 15:30	07/21/21 22:45	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.8	ug/kg	58.3	17.8	1	07/20/21 15:30	07/21/21 22:45	11141-16-5	
PCB-1242 (Aroclor 1242)	<17.8	ug/kg	58.3	17.8	1	07/20/21 15:30	07/21/21 22:45	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.8	ug/kg	58.3	17.8	1	07/20/21 15:30	07/21/21 22:45	12672-29-6	
PCB-1254 (Aroclor 1254)	25.7J	ug/kg	58.3	17.8	1	07/20/21 15:30	07/21/21 22:45	11097-69-1	
PCB-1260 (Aroclor 1260)	<17.8	ug/kg	58.3	17.8	1	07/20/21 15:30	07/21/21 22:45	11096-82-5	
PCB, Total	25.7J	ug/kg	58.3	17.8	1	07/20/21 15:30	07/21/21 22:45	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	73	%	67-102		1	07/20/21 15:30	07/21/21 22:45	877-09-8	
Decachlorobiphenyl (S)	71	%	47-114		1	07/20/21 15:30	07/21/21 22:45	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	<1.2	mg/kg	4.0	1.2	1	07/22/21 09:49	07/23/21 08:05		
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	2.3J	mg/kg	2.9	1.7	1	07/21/21 06:59	07/21/21 18:24	7440-38-2	
Barium	65.8	mg/kg	0.58	0.17	1	07/21/21 06:59	07/21/21 18:24	7440-39-3	
Cadmium	<0.15	mg/kg	0.58	0.15	1	07/21/21 06:59	07/21/21 18:24	7440-43-9	
Chromium	17.4	mg/kg	1.2	0.32	1	07/21/21 06:59	07/21/21 18:24	7440-47-3	
Lead	13.7	mg/kg	2.3	0.70	1	07/21/21 06:59	07/21/21 18:24	7439-92-1	
Selenium	<1.5	mg/kg	4.6	1.5	1	07/21/21 06:59	07/21/21 18:24	7782-49-2	
Silver	<0.36	mg/kg	1.2	0.36	1	07/21/21 06:59	07/21/21 18:24	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.019J	mg/kg	0.039	0.011	1	07/21/21 13:05	07/22/21 12:16	7439-97-6	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<15.9	ug/kg	26.6	15.9	1	07/21/21 09:00	07/22/21 10:08	71-43-2	
Bromobenzene	<26.0	ug/kg	66.6	26.0	1	07/21/21 09:00	07/22/21 10:08	108-86-1	
Bromochloromethane	<18.3	ug/kg	66.6	18.3	1	07/21/21 09:00	07/22/21 10:08	74-97-5	
Bromodichloromethane	<15.9	ug/kg	66.6	15.9	1	07/21/21 09:00	07/22/21 10:08	75-27-4	
Bromoform	<293	ug/kg	333	293	1	07/21/21 09:00	07/22/21 10:08	75-25-2	
Bromomethane	<93.4	ug/kg	333	93.4	1	07/21/21 09:00	07/22/21 10:08	74-83-9	
n-Butylbenzene	<30.5	ug/kg	66.6	30.5	1	07/21/21 09:00	07/22/21 10:08	104-51-8	
sec-Butylbenzene	<16.3	ug/kg	66.6	16.3	1	07/21/21 09:00	07/22/21 10:08	135-98-8	
tert-Butylbenzene	<20.9	ug/kg	66.6	20.9	1	07/21/21 09:00	07/22/21 10:08	98-06-6	
Carbon tetrachloride	<14.7	ug/kg	66.6	14.7	1	07/21/21 09:00	07/22/21 10:08	56-23-5	
Chlorobenzene	<8.0	ug/kg	66.6	8.0	1	07/21/21 09:00	07/22/21 10:08	108-90-7	
Chloroethane	<28.1	ug/kg	333	28.1	1	07/21/21 09:00	07/22/21 10:08	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-2 (2)**      **Lab ID: 40230183034**      Collected: 07/16/21 14:54      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260    Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroform	<47.7	ug/kg	333	47.7	1	07/21/21 09:00	07/22/21 10:08	67-66-3	
Chloromethane	<25.3	ug/kg	66.6	25.3	1	07/21/21 09:00	07/22/21 10:08	74-87-3	
2-Chlorotoluene	<21.6	ug/kg	66.6	21.6	1	07/21/21 09:00	07/22/21 10:08	95-49-8	
4-Chlorotoluene	<25.3	ug/kg	66.6	25.3	1	07/21/21 09:00	07/22/21 10:08	106-43-4	
1,2-Dibromo-3-chloropropane	<51.7	ug/kg	333	51.7	1	07/21/21 09:00	07/22/21 10:08	96-12-8	
Dibromochloromethane	<228	ug/kg	333	228	1	07/21/21 09:00	07/22/21 10:08	124-48-1	
1,2-Dibromoethane (EDB)	<18.3	ug/kg	66.6	18.3	1	07/21/21 09:00	07/22/21 10:08	106-93-4	
Dibromomethane	<19.7	ug/kg	66.6	19.7	1	07/21/21 09:00	07/22/21 10:08	74-95-3	
1,2-Dichlorobenzene	<20.7	ug/kg	66.6	20.7	1	07/21/21 09:00	07/22/21 10:08	95-50-1	
1,3-Dichlorobenzene	<18.3	ug/kg	66.6	18.3	1	07/21/21 09:00	07/22/21 10:08	541-73-1	
1,4-Dichlorobenzene	<18.3	ug/kg	66.6	18.3	1	07/21/21 09:00	07/22/21 10:08	106-46-7	
Dichlorodifluoromethane	<28.6	ug/kg	66.6	28.6	1	07/21/21 09:00	07/22/21 10:08	75-71-8	
1,1-Dichloroethane	<17.1	ug/kg	66.6	17.1	1	07/21/21 09:00	07/22/21 10:08	75-34-3	
1,2-Dichloroethane	<15.3	ug/kg	66.6	15.3	1	07/21/21 09:00	07/22/21 10:08	107-06-2	
1,1-Dichloroethene	<22.1	ug/kg	66.6	22.1	1	07/21/21 09:00	07/22/21 10:08	75-35-4	
cis-1,2-Dichloroethene	<14.3	ug/kg	66.6	14.3	1	07/21/21 09:00	07/22/21 10:08	156-59-2	
trans-1,2-Dichloroethene	<14.4	ug/kg	66.6	14.4	1	07/21/21 09:00	07/22/21 10:08	156-60-5	
1,2-Dichloropropane	<15.9	ug/kg	66.6	15.9	1	07/21/21 09:00	07/22/21 10:08	78-87-5	
1,3-Dichloropropane	<14.5	ug/kg	66.6	14.5	1	07/21/21 09:00	07/22/21 10:08	142-28-9	
2,2-Dichloropropane	<18.0	ug/kg	66.6	18.0	1	07/21/21 09:00	07/22/21 10:08	594-20-7	
1,1-Dichloropropene	<21.6	ug/kg	66.6	21.6	1	07/21/21 09:00	07/22/21 10:08	563-58-6	
cis-1,3-Dichloropropene	<44.0	ug/kg	333	44.0	1	07/21/21 09:00	07/22/21 10:08	10061-01-5	
trans-1,3-Dichloropropene	<191	ug/kg	333	191	1	07/21/21 09:00	07/22/21 10:08	10061-02-6	
Diisopropyl ether	<16.5	ug/kg	66.6	16.5	1	07/21/21 09:00	07/22/21 10:08	108-20-3	
Ethylbenzene	<15.9	ug/kg	66.6	15.9	1	07/21/21 09:00	07/22/21 10:08	100-41-4	
Hexachloro-1,3-butadiene	<132	ug/kg	333	132	1	07/21/21 09:00	07/22/21 10:08	87-68-3	
Isopropylbenzene (Cumene)	<18.0	ug/kg	66.6	18.0	1	07/21/21 09:00	07/22/21 10:08	98-82-8	
p-Isopropyltoluene	<20.3	ug/kg	66.6	20.3	1	07/21/21 09:00	07/22/21 10:08	99-87-6	
Methylene Chloride	<18.5	ug/kg	66.6	18.5	1	07/21/21 09:00	07/22/21 10:08	75-09-2	
Methyl-tert-butyl ether	<19.6	ug/kg	66.6	19.6	1	07/21/21 09:00	07/22/21 10:08	1634-04-4	
Naphthalene	<20.8	ug/kg	333	20.8	1	07/21/21 09:00	07/22/21 10:08	91-20-3	
n-Propylbenzene	<16.0	ug/kg	66.6	16.0	1	07/21/21 09:00	07/22/21 10:08	103-65-1	
Styrene	<17.1	ug/kg	66.6	17.1	1	07/21/21 09:00	07/22/21 10:08	100-42-5	
1,1,1,2-Tetrachloroethane	<16.0	ug/kg	66.6	16.0	1	07/21/21 09:00	07/22/21 10:08	630-20-6	
1,1,1,2,2-Tetrachloroethane	<24.1	ug/kg	66.6	24.1	1	07/21/21 09:00	07/22/21 10:08	79-34-5	
Tetrachloroethene	<25.8	ug/kg	66.6	25.8	1	07/21/21 09:00	07/22/21 10:08	127-18-4	
Toluene	<16.8	ug/kg	66.6	16.8	1	07/21/21 09:00	07/22/21 10:08	108-88-3	
1,2,3-Trichlorobenzene	<74.2	ug/kg	333	74.2	1	07/21/21 09:00	07/22/21 10:08	87-61-6	
1,2,4-Trichlorobenzene	<54.9	ug/kg	333	54.9	1	07/21/21 09:00	07/22/21 10:08	120-82-1	
1,1,1-Trichloroethane	<17.1	ug/kg	66.6	17.1	1	07/21/21 09:00	07/22/21 10:08	71-55-6	
1,1,2-Trichloroethane	<24.2	ug/kg	66.6	24.2	1	07/21/21 09:00	07/22/21 10:08	79-00-5	
Trichloroethene	<24.9	ug/kg	66.6	24.9	1	07/21/21 09:00	07/22/21 10:08	79-01-6	
Trichlorofluoromethane	<19.3	ug/kg	66.6	19.3	1	07/21/21 09:00	07/22/21 10:08	75-69-4	
1,2,3-Trichloropropane	<32.4	ug/kg	66.6	32.4	1	07/21/21 09:00	07/22/21 10:08	96-18-4	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

**Sample: P-2 (2)**      **Lab ID: 40230183034**      Collected: 07/16/21 14:54      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,4-Trimethylbenzene	<19.9	ug/kg	66.6	19.9	1	07/21/21 09:00	07/22/21 10:08	95-63-6	
1,3,5-Trimethylbenzene	<21.4	ug/kg	66.6	21.4	1	07/21/21 09:00	07/22/21 10:08	108-67-8	
Vinyl chloride	<13.5	ug/kg	66.6	13.5	1	07/21/21 09:00	07/22/21 10:08	75-01-4	
m&p-Xylene	<28.1	ug/kg	133	28.1	1	07/21/21 09:00	07/22/21 10:08	179601-23-1	
o-Xylene	<20.0	ug/kg	66.6	20.0	1	07/21/21 09:00	07/22/21 10:08	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	128	%	67-159		1	07/21/21 09:00	07/22/21 10:08	2037-26-5	
4-Bromofluorobenzene (S)	119	%	66-153		1	07/21/21 09:00	07/22/21 10:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	117	%	82-158		1	07/21/21 09:00	07/22/21 10:08	2199-69-1	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	14.2	%	0.10	0.10	1		07/19/21 15:56		

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-2 (6)**      **Lab ID: 40230183035**      Collected: 07/16/21 14:56      Received: 07/17/21 09:00      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
<b>8082 GCS PCB</b>									
Analytical Method: EPA 8082 Preparation Method: EPA 3541									
Pace Analytical Services - Green Bay									
PCB-1016 (Aroclor 1016)	<17.6	ug/kg	57.9	17.6	1	07/20/21 15:30	07/21/21 23:33	12674-11-2	
PCB-1221 (Aroclor 1221)	<17.6	ug/kg	57.9	17.6	1	07/20/21 15:30	07/21/21 23:33	11104-28-2	
PCB-1232 (Aroclor 1232)	<17.6	ug/kg	57.9	17.6	1	07/20/21 15:30	07/21/21 23:33	11141-16-5	
PCB-1242 (Aroclor 1242)	<17.6	ug/kg	57.9	17.6	1	07/20/21 15:30	07/21/21 23:33	53469-21-9	
PCB-1248 (Aroclor 1248)	<17.6	ug/kg	57.9	17.6	1	07/20/21 15:30	07/21/21 23:33	12672-29-6	
PCB-1254 (Aroclor 1254)	<17.6	ug/kg	57.9	17.6	1	07/20/21 15:30	07/21/21 23:33	11097-69-1	
PCB-1260 (Aroclor 1260)	<17.6	ug/kg	57.9	17.6	1	07/20/21 15:30	07/21/21 23:33	11096-82-5	
PCB, Total	<17.6	ug/kg	57.9	17.6	1	07/20/21 15:30	07/21/21 23:33	1336-36-3	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	76	%	67-102		1	07/20/21 15:30	07/21/21 23:33	877-09-8	
Decachlorobiphenyl (S)	72	%	47-114		1	07/20/21 15:30	07/21/21 23:33	2051-24-3	
<b>WIDRO GCS</b>									
Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO									
Pace Analytical Services - Green Bay									
Diesel Range Organics	1.7J	mg/kg	4.3	1.3	1	07/22/21 09:49	07/23/21 08:17		
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D Preparation Method: EPA 3050B									
Pace Analytical Services - Green Bay									
Arsenic	<1.6	mg/kg	2.8	1.6	1	07/21/21 06:59	07/21/21 18:26	7440-38-2	
Barium	53.3	mg/kg	0.56	0.17	1	07/21/21 06:59	07/21/21 18:26	7440-39-3	
Cadmium	<0.15	mg/kg	0.56	0.15	1	07/21/21 06:59	07/21/21 18:26	7440-43-9	
Chromium	29.4	mg/kg	1.1	0.31	1	07/21/21 06:59	07/21/21 18:26	7440-47-3	
Lead	5.2	mg/kg	2.2	0.67	1	07/21/21 06:59	07/21/21 18:26	7439-92-1	
Selenium	<1.5	mg/kg	4.5	1.5	1	07/21/21 06:59	07/21/21 18:26	7782-49-2	
Silver	<0.35	mg/kg	1.1	0.35	1	07/21/21 06:59	07/21/21 18:26	7440-22-4	
<b>7471 Mercury</b>									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Green Bay									
Mercury	0.018J	mg/kg	0.040	0.011	1	07/21/21 13:05	07/22/21 12:19	7439-97-6	
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Benzene	<15.6	ug/kg	26.2	15.6	1	07/21/21 09:00	07/22/21 10:27	71-43-2	
Bromobenzene	<25.6	ug/kg	65.6	25.6	1	07/21/21 09:00	07/22/21 10:27	108-86-1	
Bromochloromethane	<18.0	ug/kg	65.6	18.0	1	07/21/21 09:00	07/22/21 10:27	74-97-5	
Bromodichloromethane	<15.6	ug/kg	65.6	15.6	1	07/21/21 09:00	07/22/21 10:27	75-27-4	
Bromoform	<289	ug/kg	328	289	1	07/21/21 09:00	07/22/21 10:27	75-25-2	
Bromomethane	<92.0	ug/kg	328	92.0	1	07/21/21 09:00	07/22/21 10:27	74-83-9	
n-Butylbenzene	<30.1	ug/kg	65.6	30.1	1	07/21/21 09:00	07/22/21 10:27	104-51-8	
sec-Butylbenzene	<16.0	ug/kg	65.6	16.0	1	07/21/21 09:00	07/22/21 10:27	135-98-8	
tert-Butylbenzene	<20.6	ug/kg	65.6	20.6	1	07/21/21 09:00	07/22/21 10:27	98-06-6	
Carbon tetrachloride	<14.4	ug/kg	65.6	14.4	1	07/21/21 09:00	07/22/21 10:27	56-23-5	
Chlorobenzene	<7.9	ug/kg	65.6	7.9	1	07/21/21 09:00	07/22/21 10:27	108-90-7	
Chloroethane	<27.7	ug/kg	328	27.7	1	07/21/21 09:00	07/22/21 10:27	75-00-3	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Sample: P-2 (6) Lab ID: 40230183035 Collected: 07/16/21 14:56 Received: 07/17/21 09:00 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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
Chloroform	<47.0	ug/kg	328	47.0	1	07/21/21 09:00	07/22/21 10:27	67-66-3	
Chloromethane	<24.9	ug/kg	65.6	24.9	1	07/21/21 09:00	07/22/21 10:27	74-87-3	
2-Chlorotoluene	<21.3	ug/kg	65.6	21.3	1	07/21/21 09:00	07/22/21 10:27	95-49-8	
4-Chlorotoluene	<24.9	ug/kg	65.6	24.9	1	07/21/21 09:00	07/22/21 10:27	106-43-4	
1,2-Dibromo-3-chloropropane	<50.9	ug/kg	328	50.9	1	07/21/21 09:00	07/22/21 10:27	96-12-8	
Dibromochloromethane	<224	ug/kg	328	224	1	07/21/21 09:00	07/22/21 10:27	124-48-1	
1,2-Dibromoethane (EDB)	<18.0	ug/kg	65.6	18.0	1	07/21/21 09:00	07/22/21 10:27	106-93-4	
Dibromomethane	<19.4	ug/kg	65.6	19.4	1	07/21/21 09:00	07/22/21 10:27	74-95-3	
1,2-Dichlorobenzene	<20.3	ug/kg	65.6	20.3	1	07/21/21 09:00	07/22/21 10:27	95-50-1	
1,3-Dichlorobenzene	<18.0	ug/kg	65.6	18.0	1	07/21/21 09:00	07/22/21 10:27	541-73-1	
1,4-Dichlorobenzene	<18.0	ug/kg	65.6	18.0	1	07/21/21 09:00	07/22/21 10:27	106-46-7	
Dichlorodifluoromethane	<28.2	ug/kg	65.6	28.2	1	07/21/21 09:00	07/22/21 10:27	75-71-8	
1,1-Dichloroethane	<16.8	ug/kg	65.6	16.8	1	07/21/21 09:00	07/22/21 10:27	75-34-3	
1,2-Dichloroethane	<15.1	ug/kg	65.6	15.1	1	07/21/21 09:00	07/22/21 10:27	107-06-2	
1,1-Dichloroethene	<21.8	ug/kg	65.6	21.8	1	07/21/21 09:00	07/22/21 10:27	75-35-4	
cis-1,2-Dichloroethene	<14.0	ug/kg	65.6	14.0	1	07/21/21 09:00	07/22/21 10:27	156-59-2	
trans-1,2-Dichloroethene	<14.2	ug/kg	65.6	14.2	1	07/21/21 09:00	07/22/21 10:27	156-60-5	
1,2-Dichloropropane	<15.6	ug/kg	65.6	15.6	1	07/21/21 09:00	07/22/21 10:27	78-87-5	
1,3-Dichloropropane	<14.3	ug/kg	65.6	14.3	1	07/21/21 09:00	07/22/21 10:27	142-28-9	
2,2-Dichloropropane	<17.7	ug/kg	65.6	17.7	1	07/21/21 09:00	07/22/21 10:27	594-20-7	
1,1-Dichloropropene	<21.3	ug/kg	65.6	21.3	1	07/21/21 09:00	07/22/21 10:27	563-58-6	
cis-1,3-Dichloropropene	<43.3	ug/kg	328	43.3	1	07/21/21 09:00	07/22/21 10:27	10061-01-5	
trans-1,3-Dichloropropene	<188	ug/kg	328	188	1	07/21/21 09:00	07/22/21 10:27	10061-02-6	
Diisopropyl ether	<16.3	ug/kg	65.6	16.3	1	07/21/21 09:00	07/22/21 10:27	108-20-3	
Ethylbenzene	<15.6	ug/kg	65.6	15.6	1	07/21/21 09:00	07/22/21 10:27	100-41-4	
Hexachloro-1,3-butadiene	<130	ug/kg	328	130	1	07/21/21 09:00	07/22/21 10:27	87-68-3	
Isopropylbenzene (Cumene)	<17.7	ug/kg	65.6	17.7	1	07/21/21 09:00	07/22/21 10:27	98-82-8	
p-Isopropyltoluene	<19.9	ug/kg	65.6	19.9	1	07/21/21 09:00	07/22/21 10:27	99-87-6	
Methylene Chloride	<18.2	ug/kg	65.6	18.2	1	07/21/21 09:00	07/22/21 10:27	75-09-2	
Methyl-tert-butyl ether	<19.3	ug/kg	65.6	19.3	1	07/21/21 09:00	07/22/21 10:27	1634-04-4	
Naphthalene	<20.5	ug/kg	328	20.5	1	07/21/21 09:00	07/22/21 10:27	91-20-3	
n-Propylbenzene	<15.7	ug/kg	65.6	15.7	1	07/21/21 09:00	07/22/21 10:27	103-65-1	
Styrene	<16.8	ug/kg	65.6	16.8	1	07/21/21 09:00	07/22/21 10:27	100-42-5	
1,1,1,2-Tetrachloroethane	<15.7	ug/kg	65.6	15.7	1	07/21/21 09:00	07/22/21 10:27	630-20-6	
1,1,1,2,2-Tetrachloroethane	<23.8	ug/kg	65.6	23.8	1	07/21/21 09:00	07/22/21 10:27	79-34-5	
Tetrachloroethene	<25.5	ug/kg	65.6	25.5	1	07/21/21 09:00	07/22/21 10:27	127-18-4	
Toluene	<16.5	ug/kg	65.6	16.5	1	07/21/21 09:00	07/22/21 10:27	108-88-3	
1,2,3-Trichlorobenzene	<73.1	ug/kg	328	73.1	1	07/21/21 09:00	07/22/21 10:27	87-61-6	
1,2,4-Trichlorobenzene	<54.1	ug/kg	328	54.1	1	07/21/21 09:00	07/22/21 10:27	120-82-1	
1,1,1-Trichloroethane	<16.8	ug/kg	65.6	16.8	1	07/21/21 09:00	07/22/21 10:27	71-55-6	
1,1,2-Trichloroethane	<23.9	ug/kg	65.6	23.9	1	07/21/21 09:00	07/22/21 10:27	79-00-5	
Trichloroethene	<24.5	ug/kg	65.6	24.5	1	07/21/21 09:00	07/22/21 10:27	79-01-6	
Trichlorofluoromethane	<19.0	ug/kg	65.6	19.0	1	07/21/21 09:00	07/22/21 10:27	75-69-4	
1,2,3-Trichloropropane	<31.9	ug/kg	65.6	31.9	1	07/21/21 09:00	07/22/21 10:27	96-18-4	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

**Sample: P-2 (6)**      **Lab ID: 40230183035**      Collected: 07/16/21 14:56      Received: 07/17/21 09:00      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
<b>8260 MSV Med Level Normal List</b>									
Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B									
Pace Analytical Services - Green Bay									
1,2,4-Trimethylbenzene	<19.6	ug/kg	65.6	19.6	1	07/21/21 09:00	07/22/21 10:27	95-63-6	
1,3,5-Trimethylbenzene	<21.1	ug/kg	65.6	21.1	1	07/21/21 09:00	07/22/21 10:27	108-67-8	
Vinyl chloride	<13.3	ug/kg	65.6	13.3	1	07/21/21 09:00	07/22/21 10:27	75-01-4	
m&p-Xylene	<27.7	ug/kg	131	27.7	1	07/21/21 09:00	07/22/21 10:27	179601-23-1	
o-Xylene	<19.7	ug/kg	65.6	19.7	1	07/21/21 09:00	07/22/21 10:27	95-47-6	
<b>Surrogates</b>									
Toluene-d8 (S)	114	%	67-159		1	07/21/21 09:00	07/22/21 10:27	2037-26-5	
4-Bromofluorobenzene (S)	108	%	66-153		1	07/21/21 09:00	07/22/21 10:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	82-158		1	07/21/21 09:00	07/22/21 10:27	2199-69-1	
<b>Percent Moisture</b>									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Green Bay									
Percent Moisture	13.5	%	0.10	0.10	1		07/19/21 15:56		

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

QC Batch:	390943	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40230183001, 40230183002, 40230183003, 40230183004, 40230183005, 40230183006

METHOD BLANK: 2254749 Matrix: Solid  
Associated Lab Samples: 40230183001, 40230183002, 40230183003, 40230183004, 40230183005, 40230183006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	07/22/21 09:14	

LABORATORY CONTROL SAMPLE: 2254750

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.82	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254751 2254752

Parameter	Units	40230183001 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	0.9	0.9	0.89	0.92	99	100	85-115	3	20	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

QC Batch:	390944	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183014, 40230183015, 40230183016, 40230183017, 40230183018, 40230183019, 40230183020, 40230183021, 40230183022, 40230183023, 40230183024, 40230183025, 40230183026, 40230183027

METHOD BLANK: 2254753 Matrix: Solid  
Associated Lab Samples: 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183014, 40230183015, 40230183016, 40230183017, 40230183018, 40230183019, 40230183020, 40230183021, 40230183022, 40230183023, 40230183024, 40230183025, 40230183026, 40230183027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	0.019J	0.035	07/22/21 10:19	

LABORATORY CONTROL SAMPLE: 2254754

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.91	109	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254755 2254756

Parameter	Units	40230183007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.31	0.9	0.9	1.3	1.3	110	109	85-115	1	20	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

QC Batch:	390946	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40230183028, 40230183029, 40230183030, 40230183031, 40230183032, 40230183033, 40230183034, 40230183035

METHOD BLANK: 2254757 Matrix: Solid  
Associated Lab Samples: 40230183028, 40230183029, 40230183030, 40230183031, 40230183032, 40230183033, 40230183034, 40230183035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	07/22/21 11:29	

LABORATORY CONTROL SAMPLE: 2254758

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.88	105	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254759 2254760

Parameter	Units	40230023001 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	0.96	0.95	1.0	0.99	105	103	85-115	2	20	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

QC Batch: 390794 Analysis Method: EPA 6010D  
QC Batch Method: EPA 3050B Analysis Description: 6010D MET  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40230183001, 40230183002, 40230183003, 40230183004, 40230183005, 40230183006, 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183014, 40230183015, 40230183016, 40230183017, 40230183018, 40230183019, 40230183020, 40230183021

METHOD BLANK: 2253806 Matrix: Solid  
Associated Lab Samples: 40230183001, 40230183002, 40230183003, 40230183004, 40230183005, 40230183006, 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183014, 40230183015, 40230183016, 40230183017, 40230183018, 40230183019, 40230183020, 40230183021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	07/21/21 18:48	
Barium	mg/kg	<0.15	0.50	07/21/21 18:48	
Cadmium	mg/kg	<0.13	0.50	07/21/21 18:48	
Chromium	mg/kg	<0.28	1.0	07/21/21 18:48	
Lead	mg/kg	<0.60	2.0	07/21/21 18:48	
Selenium	mg/kg	<1.3	4.0	07/21/21 18:48	
Silver	mg/kg	<0.31	1.0	07/21/21 18:48	

LABORATORY CONTROL SAMPLE: 2253807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.4	98	80-120	
Barium	mg/kg	25	25.1	100	80-120	
Cadmium	mg/kg	25	25.3	101	80-120	
Chromium	mg/kg	25	25.4	102	80-120	
Lead	mg/kg	25	25.5	102	80-120	
Selenium	mg/kg	25	24.9	99	80-120	
Silver	mg/kg	12.5	12.5	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2253808 2253809

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40230183001 Result	Spike Conc.	Spike Conc.	Conc.							
Arsenic	mg/kg	2.5J	27.1	27.2	28.0	27.2	94	91	75-125	3	20	
Barium	mg/kg	42.9	27.1	27.2	79.5	80.4	135	138	75-125	1	20	M0
Cadmium	mg/kg	<0.14	27.1	27.2	27.5	26.9	101	99	75-125	2	20	
Chromium	mg/kg	10.2	27.1	27.2	36.1	37.3	96	100	75-125	3	20	
Lead	mg/kg	6.6	27.1	27.2	32.5	31.8	96	93	75-125	2	20	
Selenium	mg/kg	<1.4	27.1	27.2	26.6	25.0	98	92	75-125	6	20	
Silver	mg/kg	<0.33	13.5	13.6	13.8	13.3	102	98	75-125	3	20	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

QC Batch:	390795	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3050B	Analysis Description:	6010D MET
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40230183022, 40230183023, 40230183024, 40230183025, 40230183026, 40230183027, 40230183028, 40230183029, 40230183030, 40230183031, 40230183032, 40230183033, 40230183034, 40230183035

METHOD BLANK: 2253810 Matrix: Solid  
Associated Lab Samples: 40230183022, 40230183023, 40230183024, 40230183025, 40230183026, 40230183027, 40230183028, 40230183029, 40230183030, 40230183031, 40230183032, 40230183033, 40230183034, 40230183035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	07/21/21 17:30	
Barium	mg/kg	<0.15	0.50	07/21/21 17:30	
Cadmium	mg/kg	<0.13	0.50	07/21/21 17:30	
Chromium	mg/kg	<0.28	1.0	07/21/21 17:30	
Lead	mg/kg	<0.60	2.0	07/21/21 17:30	
Selenium	mg/kg	<1.3	4.0	07/21/21 17:30	
Silver	mg/kg	<0.31	1.0	07/21/21 17:30	

LABORATORY CONTROL SAMPLE: 2253811

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	25.7	103	80-120	
Barium	mg/kg	25	26.0	104	80-120	
Cadmium	mg/kg	25	26.2	105	80-120	
Chromium	mg/kg	25	26.0	104	80-120	
Lead	mg/kg	25	26.6	106	80-120	
Selenium	mg/kg	25	25.7	103	80-120	
Silver	mg/kg	12.5	12.8	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2253812 2253813

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40230183022	Result	Spike Conc.	Spike Conc.								
Arsenic	mg/kg	1.6J	26	25.8	27.7	27.6	101	100	75-125	0	20		
Barium	mg/kg	9.2	26	25.8	40.4	40.7	120	122	75-125	1	20		
Cadmium	mg/kg	<0.14	26	25.8	27.6	27.6	106	106	75-125	0	20		
Chromium	mg/kg	4.0	26	25.8	30.7	30.9	103	104	75-125	1	20		
Lead	mg/kg	2.4	26	25.8	28.7	28.3	101	100	75-125	1	20		
Selenium	mg/kg	<1.4	26	25.8	26.6	25.7	103	99	75-125	4	20		
Silver	mg/kg	<0.32	13	12.9	13.8	13.9	106	107	75-125	0	20		

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

QC Batch: 390845

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: 40230183001, 40230183002, 40230183003, 40230183004, 40230183005

METHOD BLANK: 2254145

Matrix: Solid

Associated Lab Samples: 40230183001, 40230183002, 40230183003, 40230183004, 40230183005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	07/20/21 17:41	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	07/20/21 17:41	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	07/20/21 17:41	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	07/20/21 17:41	
1,1-Dichloroethane	ug/kg	<12.8	50.0	07/20/21 17:41	
1,1-Dichloroethene	ug/kg	<16.6	50.0	07/20/21 17:41	
1,1-Dichloropropene	ug/kg	<16.2	50.0	07/20/21 17:41	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	07/20/21 17:41	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	07/20/21 17:41	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	07/20/21 17:41	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	07/20/21 17:41	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	07/20/21 17:41	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	07/20/21 17:41	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	07/20/21 17:41	
1,2-Dichloroethane	ug/kg	<11.5	50.0	07/20/21 17:41	
1,2-Dichloropropane	ug/kg	<11.9	50.0	07/20/21 17:41	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	07/20/21 17:41	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	07/20/21 17:41	
1,3-Dichloropropane	ug/kg	<10.9	50.0	07/20/21 17:41	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	07/20/21 17:41	
2,2-Dichloropropane	ug/kg	<13.5	50.0	07/20/21 17:41	
2-Chlorotoluene	ug/kg	<16.2	50.0	07/20/21 17:41	
4-Chlorotoluene	ug/kg	<19.0	50.0	07/20/21 17:41	
Benzene	ug/kg	<11.9	20.0	07/20/21 17:41	
Bromobenzene	ug/kg	<19.5	50.0	07/20/21 17:41	
Bromochloromethane	ug/kg	<13.7	50.0	07/20/21 17:41	
Bromodichloromethane	ug/kg	<11.9	50.0	07/20/21 17:41	
Bromoform	ug/kg	<220	250	07/20/21 17:41	
Bromomethane	ug/kg	<70.1	250	07/20/21 17:41	
Carbon tetrachloride	ug/kg	<11.0	50.0	07/20/21 17:41	
Chlorobenzene	ug/kg	<6.0	50.0	07/20/21 17:41	
Chloroethane	ug/kg	<21.1	250	07/20/21 17:41	
Chloroform	ug/kg	<35.8	250	07/20/21 17:41	
Chloromethane	ug/kg	<19.0	50.0	07/20/21 17:41	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	07/20/21 17:41	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	07/20/21 17:41	
Dibromochloromethane	ug/kg	<171	250	07/20/21 17:41	
Dibromomethane	ug/kg	<14.8	50.0	07/20/21 17:41	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	07/20/21 17:41	
Diisopropyl ether	ug/kg	<12.4	50.0	07/20/21 17:41	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

METHOD BLANK: 2254145 Matrix: Solid  
Associated Lab Samples: 40230183001, 40230183002, 40230183003, 40230183004, 40230183005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	07/20/21 17:41	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	07/20/21 17:41	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	07/20/21 17:41	
m&p-Xylene	ug/kg	<21.1	100	07/20/21 17:41	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	07/20/21 17:41	
Methylene Chloride	ug/kg	<13.9	50.0	07/20/21 17:41	
n-Butylbenzene	ug/kg	<22.9	50.0	07/20/21 17:41	
n-Propylbenzene	ug/kg	<12.0	50.0	07/20/21 17:41	
Naphthalene	ug/kg	<15.6	250	07/20/21 17:41	
o-Xylene	ug/kg	<15.0	50.0	07/20/21 17:41	
p-Isopropyltoluene	ug/kg	<15.2	50.0	07/20/21 17:41	
sec-Butylbenzene	ug/kg	<12.2	50.0	07/20/21 17:41	
Styrene	ug/kg	<12.8	50.0	07/20/21 17:41	
tert-Butylbenzene	ug/kg	<15.7	50.0	07/20/21 17:41	
Tetrachloroethene	ug/kg	<19.4	50.0	07/20/21 17:41	
Toluene	ug/kg	<12.6	50.0	07/20/21 17:41	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	07/20/21 17:41	
trans-1,3-Dichloropropene	ug/kg	<143	250	07/20/21 17:41	
Trichloroethene	ug/kg	<18.7	50.0	07/20/21 17:41	
Trichlorofluoromethane	ug/kg	<14.5	50.0	07/20/21 17:41	
Vinyl chloride	ug/kg	<10.1	50.0	07/20/21 17:41	
1,2-Dichlorobenzene-d4 (S)	%	94	82-158	07/20/21 17:41	
4-Bromofluorobenzene (S)	%	91	66-153	07/20/21 17:41	
Toluene-d8 (S)	%	102	67-159	07/20/21 17:41	

LABORATORY CONTROL SAMPLE: 2254146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2340	94	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2380	95	65-129	
1,1,2-Trichloroethane	ug/kg	2500	2440	97	70-130	
1,1-Dichloroethane	ug/kg	2500	2380	95	70-130	
1,1-Dichloroethene	ug/kg	2500	2180	87	67-120	
1,2,4-Trichlorobenzene	ug/kg	2500	1910	76	64-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2020	81	57-119	
1,2-Dibromoethane (EDB)	ug/kg	2500	2490	100	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2420	97	70-130	
1,2-Dichloroethane	ug/kg	2500	2550	102	70-130	
1,2-Dichloropropane	ug/kg	2500	2600	104	72-118	
1,3-Dichlorobenzene	ug/kg	2500	2400	96	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2350	94	70-130	
Benzene	ug/kg	2500	2410	96	70-130	
Bromodichloromethane	ug/kg	2500	2490	100	70-130	
Bromoform	ug/kg	2500	2170	87	66-130	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

LABORATORY CONTROL SAMPLE: 2254146

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/kg	2500	1770	71	13-153	
Carbon tetrachloride	ug/kg	2500	2470	99	73-134	
Chlorobenzene	ug/kg	2500	2580	103	70-130	
Chloroethane	ug/kg	2500	1960	78	19-170	
Chloroform	ug/kg	2500	2550	102	79-120	
Chloromethane	ug/kg	2500	1460	58	45-117	
cis-1,2-Dichloroethene	ug/kg	2500	2330	93	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2340	94	68-130	
Dibromochloromethane	ug/kg	2500	2430	97	70-130	
Dichlorodifluoromethane	ug/kg	2500	717	29	15-135	
Ethylbenzene	ug/kg	2500	2460	98	78-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2490	100	70-130	
m&p-Xylene	ug/kg	5000	4820	96	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2190	88	65-130	
Methylene Chloride	ug/kg	2500	2290	92	70-130	
o-Xylene	ug/kg	2500	2420	97	70-130	
Styrene	ug/kg	2500	2570	103	70-130	
Tetrachloroethene	ug/kg	2500	2430	97	70-130	
Toluene	ug/kg	2500	2350	94	76-120	
trans-1,2-Dichloroethene	ug/kg	2500	2210	89	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2300	92	70-130	
Trichloroethene	ug/kg	2500	2500	100	70-130	
Trichlorofluoromethane	ug/kg	2500	1920	77	49-153	
Vinyl chloride	ug/kg	2500	1620	65	58-121	
1,2-Dichlorobenzene-d4 (S)	%			95	82-158	
4-Bromofluorobenzene (S)	%			94	66-153	
Toluene-d8 (S)	%			102	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254147 2254148

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40230183002 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/kg	<16.5	1290	1290	1110	1130	86	88	70-130	1	20		
1,1,2,2-Tetrachloroethane	ug/kg	<23.3	1290	1290	1240	1150	96	90	65-129	7	20		
1,1,2-Trichloroethane	ug/kg	<23.4	1290	1290	1280	1280	100	99	70-130	0	20		
1,1-Dichloroethane	ug/kg	<16.5	1290	1290	1170	1160	91	90	70-130	1	20		
1,1-Dichloroethene	ug/kg	<21.4	1290	1290	943	908	73	71	64-120	4	20		
1,2,4-Trichlorobenzene	ug/kg	<53.0	1290	1290	1100	1070	86	83	64-130	3	20		
1,2-Dibromo-3-chloropropane	ug/kg	<49.9	1290	1290	1040	986	81	77	57-130	6	21		
1,2-Dibromoethane (EDB)	ug/kg	<17.6	1290	1290	1260	1250	98	97	70-130	1	20		
1,2-Dichlorobenzene	ug/kg	<19.9	1290	1290	1340	1290	104	101	70-130	3	20		
1,2-Dichloroethane	ug/kg	<14.8	1290	1290	1300	1300	101	101	70-130	0	20		
1,2-Dichloropropane	ug/kg	<15.3	1290	1290	1340	1310	104	102	72-122	2	20		
1,3-Dichlorobenzene	ug/kg	<17.6	1290	1290	1280	1270	99	99	70-130	1	20		

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254147		2254148		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40230183002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	ug/kg	<17.6	1290	1290	1290	1290	101	100	70-130	0	20		
Benzene	ug/kg	<15.3	1290	1290	1200	1190	93	93	70-130	1	20		
Bromodichloromethane	ug/kg	<15.3	1290	1290	1200	1190	93	92	70-130	1	20		
Bromoform	ug/kg	<283	1290	1290	1040	1030	81	80	66-130	1	20		
Bromomethane	ug/kg	<90.2	1290	1290	867	831	67	65	13-153	4	20		
Carbon tetrachloride	ug/kg	<14.2	1290	1290	1090	1140	85	89	67-134	4	20		
Chlorobenzene	ug/kg	<7.7	1290	1290	1340	1320	104	103	70-130	1	20		
Chloroethane	ug/kg	<27.1	1290	1290	873	969	68	75	11-195	10	20		
Chloroform	ug/kg	<46.1	1290	1290	1290	1280	100	99	79-120	1	20		
Chloromethane	ug/kg	<24.4	1290	1290	468	463	36	36	30-136	1	20		
cis-1,2-Dichloroethene	ug/kg	<13.8	1290	1290	1170	1150	91	89	70-130	2	20		
cis-1,3-Dichloropropene	ug/kg	<42.5	1290	1290	1180	1150	91	90	68-130	2	20		
Dibromochloromethane	ug/kg	<220	1290	1290	1190	1170	93	91	70-130	1	20		
Dichlorodifluoromethane	ug/kg	<27.7	1290	1290	174	172	14	13	10-158	1	25		
Ethylbenzene	ug/kg	<15.3	1290	1290	1230	1220	96	95	78-120	1	20		
Isopropylbenzene (Cumene)	ug/kg	<17.4	1290	1290	1230	1230	95	95	70-130	0	20		
m&p-Xylene	ug/kg	<27.1	2570	2570	2470	2470	96	96	70-130	0	20		
Methyl-tert-butyl ether	ug/kg	<18.9	1290	1290	1110	1070	86	83	65-130	4	20		
Methylene Chloride	ug/kg	<17.9	1290	1290	1130	1100	88	86	70-130	3	20		
o-Xylene	ug/kg	<19.3	1290	1290	1260	1280	98	99	70-130	2	20		
Styrene	ug/kg	<16.5	1290	1290	1320	1310	103	102	70-130	1	20		
Tetrachloroethene	ug/kg	<25.0	1290	1290	1190	1200	92	93	70-130	1	20		
Toluene	ug/kg	<16.2	1290	1290	1200	1220	94	95	76-120	1	20		
trans-1,2-Dichloroethene	ug/kg	<13.9	1290	1290	1050	1050	82	82	70-130	1	20		
trans-1,3-Dichloropropene	ug/kg	<184	1290	1290	1140	1170	88	91	70-130	3	20		
Trichloroethene	ug/kg	<24.1	1290	1290	1280	1250	99	97	70-130	2	20		
Trichlorofluoromethane	ug/kg	<18.7	1290	1290	787	840	61	65	42-159	7	21		
Vinyl chloride	ug/kg	<13.0	1290	1290	582	573	45	45	43-137	2	20		
1,2-Dichlorobenzene-d4 (S)	%						114	110	82-158				
4-Bromofluorobenzene (S)	%						111	107	66-153				
Toluene-d8 (S)	%						120	116	67-159				

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

QC Batch: 390852

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: 40230183006, 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183013, 40230183014, 40230183015, 40230183016, 40230183017, 40230183018, 40230183019, 40230183020, 40230183021, 40230183022, 40230183023, 40230183024, 40230183025

METHOD BLANK: 2254164

Matrix: Solid

Associated Lab Samples: 40230183006, 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183013, 40230183014, 40230183015, 40230183016, 40230183017, 40230183018, 40230183019, 40230183020, 40230183021, 40230183022, 40230183023, 40230183024, 40230183025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	07/23/21 10:23	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	07/23/21 10:23	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	07/23/21 10:23	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	07/23/21 10:23	
1,1-Dichloroethane	ug/kg	<12.8	50.0	07/23/21 10:23	
1,1-Dichloroethene	ug/kg	<16.6	50.0	07/23/21 10:23	
1,1-Dichloropropene	ug/kg	<16.2	50.0	07/23/21 10:23	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	07/23/21 10:23	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	07/23/21 10:23	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	07/23/21 10:23	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	07/23/21 10:23	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	07/23/21 10:23	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	07/23/21 10:23	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	07/23/21 10:23	
1,2-Dichloroethane	ug/kg	<11.5	50.0	07/23/21 10:23	
1,2-Dichloropropane	ug/kg	<11.9	50.0	07/23/21 10:23	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	07/23/21 10:23	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	07/23/21 10:23	
1,3-Dichloropropane	ug/kg	<10.9	50.0	07/23/21 10:23	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	07/23/21 10:23	
2,2-Dichloropropane	ug/kg	<13.5	50.0	07/23/21 10:23	
2-Chlorotoluene	ug/kg	<16.2	50.0	07/23/21 10:23	
4-Chlorotoluene	ug/kg	<19.0	50.0	07/23/21 10:23	
Benzene	ug/kg	<11.9	20.0	07/23/21 10:23	
Bromobenzene	ug/kg	<19.5	50.0	07/23/21 10:23	
Bromochloromethane	ug/kg	<13.7	50.0	07/23/21 10:23	
Bromodichloromethane	ug/kg	<11.9	50.0	07/23/21 10:23	
Bromoform	ug/kg	<220	250	07/23/21 10:23	
Bromomethane	ug/kg	<70.1	250	07/23/21 10:23	
Carbon tetrachloride	ug/kg	<11.0	50.0	07/23/21 10:23	
Chlorobenzene	ug/kg	<6.0	50.0	07/23/21 10:23	
Chloroethane	ug/kg	<21.1	250	07/23/21 10:23	
Chloroform	ug/kg	<35.8	250	07/23/21 10:23	
Chloromethane	ug/kg	<19.0	50.0	07/23/21 10:23	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	07/23/21 10:23	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	07/23/21 10:23	
Dibromochloromethane	ug/kg	<171	250	07/23/21 10:23	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

METHOD BLANK: 2254164 Matrix: Solid  
Associated Lab Samples: 40230183006, 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183013, 40230183014, 40230183015, 40230183016, 40230183017, 40230183018, 40230183019, 40230183020, 40230183021, 40230183022, 40230183023, 40230183024, 40230183025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	<14.8	50.0	07/23/21 10:23	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	07/23/21 10:23	
Diisopropyl ether	ug/kg	<12.4	50.0	07/23/21 10:23	
Ethylbenzene	ug/kg	<11.9	50.0	07/23/21 10:23	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	07/23/21 10:23	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	07/23/21 10:23	
m&p-Xylene	ug/kg	<21.1	100	07/23/21 10:23	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	07/23/21 10:23	
Methylene Chloride	ug/kg	<13.9	50.0	07/23/21 10:23	
n-Butylbenzene	ug/kg	<22.9	50.0	07/23/21 10:23	
n-Propylbenzene	ug/kg	<12.0	50.0	07/23/21 10:23	
Naphthalene	ug/kg	<15.6	250	07/23/21 10:23	
o-Xylene	ug/kg	<15.0	50.0	07/23/21 10:23	
p-Isopropyltoluene	ug/kg	<15.2	50.0	07/23/21 10:23	
sec-Butylbenzene	ug/kg	<12.2	50.0	07/23/21 10:23	
Styrene	ug/kg	<12.8	50.0	07/23/21 10:23	
tert-Butylbenzene	ug/kg	<15.7	50.0	07/23/21 10:23	
Tetrachloroethene	ug/kg	<19.4	50.0	07/23/21 10:23	
Toluene	ug/kg	<12.6	50.0	07/23/21 10:23	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	07/23/21 10:23	
trans-1,3-Dichloropropene	ug/kg	<143	250	07/23/21 10:23	
Trichloroethene	ug/kg	<18.7	50.0	07/23/21 10:23	
Trichlorofluoromethane	ug/kg	<14.5	50.0	07/23/21 10:23	
Vinyl chloride	ug/kg	<10.1	50.0	07/23/21 10:23	
1,2-Dichlorobenzene-d4 (S)	%	98	82-158	07/23/21 10:23	
4-Bromofluorobenzene (S)	%	101	66-153	07/23/21 10:23	
Toluene-d8 (S)	%	106	67-159	07/23/21 10:23	

LABORATORY CONTROL SAMPLE: 2254165

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	2500	2350	94	70-130	
1,1,1-Trichloroethane	ug/kg	2500	2390	96	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2450	98	65-129	
1,1,2-Trichloroethane	ug/kg	2500	2350	94	70-130	
1,1-Dichloroethane	ug/kg	2500	2560	102	70-130	
1,1-Dichloroethene	ug/kg	2500	2610	104	67-120	
1,1-Dichloropropene	ug/kg	2500	2320	93	70-130	
1,2,3-Trichlorobenzene	ug/kg	2500	1910	76	70-130	
1,2,3-Trichloropropane	ug/kg	2500	2250	90	70-130	
1,2,4-Trichlorobenzene	ug/kg	2500	1860	74	64-130	
1,2,4-Trimethylbenzene	ug/kg	2500	2310	92	70-130	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

LABORATORY CONTROL SAMPLE: 2254165

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/kg	2500	2050	82	57-119	
1,2-Dibromoethane (EDB)	ug/kg	2500	2420	97	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2320	93	70-130	
1,2-Dichloroethane	ug/kg	2500	2530	101	70-130	
1,2-Dichloropropane	ug/kg	2500	2650	106	72-118	
1,3,5-Trimethylbenzene	ug/kg	2500	2200	88	70-130	
1,3-Dichlorobenzene	ug/kg	2500	2330	93	70-130	
1,3-Dichloropropane	ug/kg	2500	2280	91	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2210	89	70-130	
2,2-Dichloropropane	ug/kg	2500	2150	86	70-130	
2-Chlorotoluene	ug/kg	2500	2260	90	70-130	
4-Chlorotoluene	ug/kg	2500	2380	95	70-130	
Benzene	ug/kg	2500	2430	97	70-130	
Bromobenzene	ug/kg	2500	2400	96	70-130	
Bromochloromethane	ug/kg	2500	2530	101	70-130	
Bromodichloromethane	ug/kg	2500	2550	102	70-130	
Bromoform	ug/kg	2500	2070	83	66-130	
Bromomethane	ug/kg	2500	2350	94	13-153	
Carbon tetrachloride	ug/kg	2500	2340	94	73-134	
Chlorobenzene	ug/kg	2500	2470	99	70-130	
Chloroethane	ug/kg	2500	2480	99	19-170	
Chloroform	ug/kg	2500	2640	106	79-120	
Chloromethane	ug/kg	2500	2490	99	45-117	
cis-1,2-Dichloroethene	ug/kg	2500	2500	100	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2380	95	68-130	
Dibromochloromethane	ug/kg	2500	2260	90	70-130	
Dibromomethane	ug/kg	2500	2410	96	70-130	
Dichlorodifluoromethane	ug/kg	2500	1880	75	15-135	
Diisopropyl ether	ug/kg	2500	2440	97	70-130	
Ethylbenzene	ug/kg	2500	2360	94	78-120	
Hexachloro-1,3-butadiene	ug/kg	2500	1680	67	70-130 L2	
Isopropylbenzene (Cumene)	ug/kg	2500	2170	87	70-130	
m&p-Xylene	ug/kg	5000	4620	92	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2210	88	65-130	
Methylene Chloride	ug/kg	2500	2490	100	70-130	
n-Butylbenzene	ug/kg	2500	1980	79	70-130	
n-Propylbenzene	ug/kg	2500	2270	91	70-130	
Naphthalene	ug/kg	2500	1930	77	70-130	
o-Xylene	ug/kg	2500	2240	89	70-130	
p-Isopropyltoluene	ug/kg	2500	2060	82	70-130	
sec-Butylbenzene	ug/kg	2500	2080	83	70-130	
Styrene	ug/kg	2500	2360	95	70-130	
tert-Butylbenzene	ug/kg	2500	2180	87	70-130	
Tetrachloroethene	ug/kg	2500	2190	87	70-130	
Toluene	ug/kg	2500	2340	94	76-120	
trans-1,2-Dichloroethene	ug/kg	2500	2390	95	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2210	89	70-130	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

LABORATORY CONTROL SAMPLE: 2254165

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichloroethene	ug/kg	2500	2540	101	70-130	
Trichlorofluoromethane	ug/kg	2500	2170	87	49-153	
Vinyl chloride	ug/kg	2500	2420	97	58-121	
1,2-Dichlorobenzene-d4 (S)	%			95	82-158	
4-Bromofluorobenzene (S)	%			96	66-153	
Toluene-d8 (S)	%			103	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254166 2254167

Parameter	Units	40230183006		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	Result	MSD Result	% Rec	% Rec					
1,1,1-Trichloroethane	ug/kg	<18.5	1440	1440	1230	1260	85	87	70-130	3	20		
1,1,2,2-Tetrachloroethane	ug/kg	<26.2	1440	1440	1310	1440	90	99	65-129	10	20		
1,1,2-Trichloroethane	ug/kg	<26.3	1440	1440	1310	1430	91	99	70-130	9	20		
1,1-Dichloroethane	ug/kg	<18.5	1440	1440	1330	1490	92	103	70-130	11	20		
1,1-Dichloroethene	ug/kg	<24.0	1440	1440	1300	1400	89	96	64-120	7	20		
1,2,4-Trichlorobenzene	ug/kg	<59.6	1440	1440	1020	1040	71	72	64-130	1	20		
1,2-Dibromo-3-chloropropane	ug/kg	<56.2	1440	1440	1070	1280	74	88	57-130	18	21		
1,2-Dibromoethane (EDB)	ug/kg	<19.8	1440	1440	1280	1430	88	99	70-130	11	20		
1,2-Dichlorobenzene	ug/kg	<22.4	1440	1440	1290	1380	89	95	70-130	6	20		
1,2-Dichloroethane	ug/kg	<16.6	1440	1440	1420	1620	98	112	70-130	14	20		
1,2-Dichloropropane	ug/kg	<17.2	1440	1440	1370	1520	95	105	72-122	10	20		
1,3-Dichlorobenzene	ug/kg	<19.8	1440	1440	1260	1340	87	92	70-130	6	20		
1,4-Dichlorobenzene	ug/kg	<19.8	1440	1440	1260	1320	87	91	70-130	5	20		
Benzene	ug/kg	<17.2	1440	1440	1310	1410	90	98	70-130	8	20		
Bromodichloromethane	ug/kg	<17.2	1440	1440	1250	1400	86	97	70-130	11	20		
Bromoform	ug/kg	<318	1440	1440	1030	1110	72	77	66-130	7	20		
Bromomethane	ug/kg	<101	1440	1440	1500	1570	104	109	13-153	5	20		
Carbon tetrachloride	ug/kg	<15.9	1440	1440	1220	1240	84	86	67-134	2	20		
Chlorobenzene	ug/kg	25.9J	1440	1440	1350	1440	92	98	70-130	7	20		
Chloroethane	ug/kg	<30.5	1440	1440	1550	1550	107	107	11-195	0	20		
Chloroform	ug/kg	<51.8	1440	1440	1380	1540	96	106	79-120	11	20		
Chloromethane	ug/kg	<27.5	1440	1440	1540	1600	106	111	30-136	4	20		
cis-1,2-Dichloroethene	ug/kg	<15.5	1440	1440	1310	1470	90	101	70-130	12	20		
cis-1,3-Dichloropropene	ug/kg	<47.8	1440	1440	1230	1360	85	94	68-130	10	20		
Dibromochloromethane	ug/kg	<247	1440	1440	1150	1270	80	88	70-130	10	20		
Dichlorodifluoromethane	ug/kg	<31.1	1440	1440	1090	1140	75	79	10-158	5	25		
Ethylbenzene	ug/kg	<17.2	1440	1440	1260	1320	87	91	78-120	5	20		
Isopropylbenzene (Cumene)	ug/kg	<19.5	1440	1440	1220	1290	84	89	70-130	6	20		
m&p-Xylene	ug/kg	<30.5	2900	2900	2460	2630	85	91	70-130	7	20		
Methyl-tert-butyl ether	ug/kg	<21.3	1440	1440	1150	1340	79	93	65-130	15	20		
Methylene Chloride	ug/kg	<20.1	1440	1440	1340	1500	93	104	70-130	11	20		
o-Xylene	ug/kg	<21.7	1440	1440	1270	1390	88	96	70-130	9	20		
Styrene	ug/kg	<18.5	1440	1440	1310	1440	91	99	70-130	9	20		

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254166		2254167		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40230183006 Result	MS Spike Conc.	MSD Spike Conc.									
Tetrachloroethene	ug/kg	<28.1	1440	1440	1180	1180	81	82	70-130	1	20		
Toluene	ug/kg	<18.2	1440	1440	1260	1340	87	93	76-120	6	20		
trans-1,2-Dichloroethene	ug/kg	<15.6	1440	1440	1250	1370	86	95	70-130	9	20		
trans-1,3-Dichloropropene	ug/kg	<207	1440	1440	1170	1250	81	87	70-130	7	20		
Trichloroethene	ug/kg	<27.1	1440	1440	1340	1430	93	99	70-130	6	20		
Trichlorofluoromethane	ug/kg	<21.0	1440	1440	1110	1240	77	86	42-159	11	21		
Vinyl chloride	ug/kg	<14.6	1440	1440	1380	1430	96	99	43-137	3	20		
1,2-Dichlorobenzene-d4 (S)	%						111	107	82-158				
4-Bromofluorobenzene (S)	%						116	111	66-153				
Toluene-d8 (S)	%						123	120	67-159				

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

QC Batch: 390980 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: 40230183026, 40230183027, 40230183028, 40230183029, 40230183030, 40230183031, 40230183032, 40230183033, 40230183034, 40230183035

METHOD BLANK: 2254982 Matrix: Solid  
Associated Lab Samples: 40230183026, 40230183027, 40230183028, 40230183029, 40230183030, 40230183031, 40230183032, 40230183033, 40230183034, 40230183035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	07/21/21 18:14	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	07/21/21 18:14	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	07/21/21 18:14	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	07/21/21 18:14	
1,1-Dichloroethane	ug/kg	<12.8	50.0	07/21/21 18:14	
1,1-Dichloroethene	ug/kg	<16.6	50.0	07/21/21 18:14	
1,1-Dichloropropene	ug/kg	<16.2	50.0	07/21/21 18:14	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	07/21/21 18:14	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	07/21/21 18:14	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	07/21/21 18:14	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	07/21/21 18:14	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	07/21/21 18:14	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	07/21/21 18:14	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	07/21/21 18:14	
1,2-Dichloroethane	ug/kg	<11.5	50.0	07/21/21 18:14	
1,2-Dichloropropane	ug/kg	<11.9	50.0	07/21/21 18:14	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	07/21/21 18:14	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	07/21/21 18:14	
1,3-Dichloropropane	ug/kg	<10.9	50.0	07/21/21 18:14	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	07/21/21 18:14	
2,2-Dichloropropane	ug/kg	<13.5	50.0	07/21/21 18:14	
2-Chlorotoluene	ug/kg	<16.2	50.0	07/21/21 18:14	
4-Chlorotoluene	ug/kg	<19.0	50.0	07/21/21 18:14	
Benzene	ug/kg	<11.9	20.0	07/21/21 18:14	
Bromobenzene	ug/kg	<19.5	50.0	07/21/21 18:14	
Bromochloromethane	ug/kg	<13.7	50.0	07/21/21 18:14	
Bromodichloromethane	ug/kg	<11.9	50.0	07/21/21 18:14	
Bromoform	ug/kg	<220	250	07/21/21 18:14	
Bromomethane	ug/kg	<70.1	250	07/21/21 18:14	
Carbon tetrachloride	ug/kg	<11.0	50.0	07/21/21 18:14	
Chlorobenzene	ug/kg	<6.0	50.0	07/21/21 18:14	
Chloroethane	ug/kg	<21.1	250	07/21/21 18:14	
Chloroform	ug/kg	<35.8	250	07/21/21 18:14	
Chloromethane	ug/kg	<19.0	50.0	07/21/21 18:14	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	07/21/21 18:14	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	07/21/21 18:14	
Dibromochloromethane	ug/kg	<171	250	07/21/21 18:14	
Dibromomethane	ug/kg	<14.8	50.0	07/21/21 18:14	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	07/21/21 18:14	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Project No.: 40230183

METHOD BLANK: 2254982

Matrix: Solid

Associated Lab Samples: 40230183026, 40230183027, 40230183028, 40230183029, 40230183030, 40230183031, 40230183032, 40230183033, 40230183034, 40230183035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	<12.4	50.0	07/21/21 18:14	
Ethylbenzene	ug/kg	<11.9	50.0	07/21/21 18:14	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	07/21/21 18:14	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	07/21/21 18:14	
m&p-Xylene	ug/kg	<21.1	100	07/21/21 18:14	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	07/21/21 18:14	
Methylene Chloride	ug/kg	<13.9	50.0	07/21/21 18:14	
n-Butylbenzene	ug/kg	<22.9	50.0	07/21/21 18:14	
n-Propylbenzene	ug/kg	<12.0	50.0	07/21/21 18:14	
Naphthalene	ug/kg	<15.6	250	07/21/21 18:14	
o-Xylene	ug/kg	<15.0	50.0	07/21/21 18:14	
p-Isopropyltoluene	ug/kg	<15.2	50.0	07/21/21 18:14	
sec-Butylbenzene	ug/kg	<12.2	50.0	07/21/21 18:14	
Styrene	ug/kg	<12.8	50.0	07/21/21 18:14	
tert-Butylbenzene	ug/kg	<15.7	50.0	07/21/21 18:14	
Tetrachloroethene	ug/kg	<19.4	50.0	07/21/21 18:14	
Toluene	ug/kg	<12.6	50.0	07/21/21 18:14	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	07/21/21 18:14	
trans-1,3-Dichloropropene	ug/kg	<143	250	07/21/21 18:14	
Trichloroethene	ug/kg	<18.7	50.0	07/21/21 18:14	
Trichlorofluoromethane	ug/kg	<14.5	50.0	07/21/21 18:14	
Vinyl chloride	ug/kg	<10.1	50.0	07/21/21 18:14	
1,2-Dichlorobenzene-d4 (S)	%	97	82-158	07/21/21 18:14	
4-Bromofluorobenzene (S)	%	96	66-153	07/21/21 18:14	
Toluene-d8 (S)	%	102	67-159	07/21/21 18:14	

LABORATORY CONTROL SAMPLE: 2254983

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2730	109	70-130	
1,1,1,2-Tetrachloroethane	ug/kg	2500	2460	99	65-129	
1,1,2-Trichloroethane	ug/kg	2500	2520	101	70-130	
1,1-Dichloroethane	ug/kg	2500	2750	110	70-130	
1,1-Dichloroethene	ug/kg	2500	2740	109	67-120	
1,2,4-Trichlorobenzene	ug/kg	2500	1930	77	64-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2130	85	57-119	
1,2-Dibromoethane (EDB)	ug/kg	2500	2540	101	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2550	102	70-130	
1,2-Dichloroethane	ug/kg	2500	2880	115	70-130	
1,2-Dichloropropane	ug/kg	2500	2850	114	72-118	
1,3-Dichlorobenzene	ug/kg	2500	2500	100	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2470	99	70-130	
Benzene	ug/kg	2500	2670	107	70-130	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

LABORATORY CONTROL SAMPLE: 2254983

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/kg	2500	2650	106	70-130	
Bromoform	ug/kg	2500	2240	89	66-130	
Bromomethane	ug/kg	2500	2750	110	13-153	
Carbon tetrachloride	ug/kg	2500	2790	112	73-134	
Chlorobenzene	ug/kg	2500	2620	105	70-130	
Chloroethane	ug/kg	2500	2650	106	19-170	
Chloroform	ug/kg	2500	2850	114	79-120	
Chloromethane	ug/kg	2500	2470	99	45-117	
cis-1,2-Dichloroethene	ug/kg	2500	2610	104	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2610	104	68-130	
Dibromochloromethane	ug/kg	2500	2450	98	70-130	
Dichlorodifluoromethane	ug/kg	2500	1720	69	15-135	
Ethylbenzene	ug/kg	2500	2540	102	78-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2530	101	70-130	
m&p-Xylene	ug/kg	5000	5080	102	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2440	97	65-130	
Methylene Chloride	ug/kg	2500	2630	105	70-130	
o-Xylene	ug/kg	2500	2580	103	70-130	
Styrene	ug/kg	2500	2690	107	70-130	
Tetrachloroethene	ug/kg	2500	2510	100	70-130	
Toluene	ug/kg	2500	2510	100	76-120	
trans-1,2-Dichloroethene	ug/kg	2500	2690	107	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2410	96	70-130	
Trichloroethene	ug/kg	2500	2840	114	70-130	
Trichlorofluoromethane	ug/kg	2500	2370	95	49-153	
Vinyl chloride	ug/kg	2500	2530	101	58-121	
1,2-Dichlorobenzene-d4 (S)	%			101	82-158	
4-Bromofluorobenzene (S)	%			101	66-153	
Toluene-d8 (S)	%			107	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254984 2254985

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40230183027	Result	Spike Conc.	MSD Spike Conc.								
1,1,1-Trichloroethane	ug/kg	<17.2	1350	1350	1200	1140	89	85	70-130	5	20		
1,1,2,2-Tetrachloroethane	ug/kg	<24.4	1350	1350	1220	1220	90	90	65-129	0	20		
1,1,2-Trichloroethane	ug/kg	<24.5	1350	1350	1320	1320	98	98	70-130	0	20		
1,1-Dichloroethane	ug/kg	<17.2	1350	1350	1310	1310	97	97	70-130	0	20		
1,1-Dichloroethene	ug/kg	<22.4	1350	1350	1170	1120	87	83	64-120	4	20		
1,2,4-Trichlorobenzene	ug/kg	<55.5	1350	1350	1020	998	75	74	64-130	2	20		
1,2-Dibromo-3-chloropropane	ug/kg	<52.3	1350	1350	990	978	73	73	57-130	1	21		
1,2-Dibromoethane (EDB)	ug/kg	<18.5	1350	1350	1350	1310	100	97	70-130	3	20		
1,2-Dichlorobenzene	ug/kg	<20.9	1350	1350	1310	1310	98	97	70-130	0	20		
1,2-Dichloroethane	ug/kg	<15.5	1350	1350	1470	1460	109	108	70-130	1	20		

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254984		2254985		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40230183027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dichloropropane	ug/kg	<16.0	1350	1350	1340	1380	99	102	72-122	3	20		
1,3-Dichlorobenzene	ug/kg	<18.5	1350	1350	1280	1300	95	96	70-130	1	20		
1,4-Dichlorobenzene	ug/kg	<18.5	1350	1350	1280	1310	95	97	70-130	2	20		
Benzene	ug/kg	<16.0	1350	1350	1260	1240	93	92	70-130	1	20		
Bromodichloromethane	ug/kg	<16.0	1350	1350	1280	1240	95	92	70-130	3	20		
Bromoform	ug/kg	<296	1350	1350	1040	1050	77	78	66-130	1	20		
Bromomethane	ug/kg	<94.4	1350	1350	1420	1500	106	111	13-153	5	20		
Carbon tetrachloride	ug/kg	<14.8	1350	1350	1200	1150	89	85	67-134	5	20		
Chlorobenzene	ug/kg	<8.1	1350	1350	1360	1330	101	99	70-130	2	20		
Chloroethane	ug/kg	<28.4	1350	1350	1460	1410	109	105	11-195	4	20		
Chloroform	ug/kg	<48.2	1350	1350	1400	1360	104	101	79-120	3	20		
Chloromethane	ug/kg	<25.6	1350	1350	1290	1320	96	98	30-136	2	20		
cis-1,2-Dichloroethene	ug/kg	<14.4	1350	1350	1290	1270	96	95	70-130	1	20		
cis-1,3-Dichloropropene	ug/kg	<44.4	1350	1350	1170	1160	87	86	68-130	1	20		
Dibromochloromethane	ug/kg	<230	1350	1350	1230	1200	91	89	70-130	2	20		
Dichlorodifluoromethane	ug/kg	<29.0	1350	1350	942	960	70	71	10-158	2	25		
Ethylbenzene	ug/kg	<16.0	1350	1350	1260	1200	94	89	78-120	6	20		
Isopropylbenzene (Cumene)	ug/kg	<18.2	1350	1350	1230	1180	91	88	70-130	4	20		
m&p-Xylene	ug/kg	<28.4	2700	2700	2540	2450	94	91	70-130	3	20		
Methyl-tert-butyl ether	ug/kg	<19.8	1350	1350	1230	1200	91	89	65-130	2	20		
Methylene Chloride	ug/kg	<18.7	1350	1350	1320	1300	98	96	70-130	2	20		
o-Xylene	ug/kg	<20.2	1350	1350	1300	1280	97	95	70-130	2	20		
Styrene	ug/kg	<17.2	1350	1350	1370	1330	102	99	70-130	3	20		
Tetrachloroethene	ug/kg	<26.1	1350	1350	1190	1180	86	85	70-130	1	20		
Toluene	ug/kg	<17.0	1350	1350	1240	1230	92	91	76-120	1	20		
trans-1,2-Dichloroethene	ug/kg	<14.5	1350	1350	1250	1200	93	89	70-130	4	20		
trans-1,3-Dichloropropene	ug/kg	<193	1350	1350	1200	1150	89	85	70-130	4	20		
Trichloroethene	ug/kg	<25.2	1350	1350	1260	1260	93	94	70-130	0	20		
Trichlorofluoromethane	ug/kg	<19.5	1350	1350	1060	1040	79	78	42-159	2	21		
Vinyl chloride	ug/kg	<13.6	1350	1350	1140	1160	85	86	43-137	1	20		
1,2-Dichlorobenzene-d4 (S)	%						105	110	82-158				
4-Bromofluorobenzene (S)	%						105	110	66-153				
Toluene-d8 (S)	%						114	116	67-159				

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

QC Batch:	390710	Analysis Method:	EPA 8082
QC Batch Method:	EPA 3541	Analysis Description:	8082 GCS PCB
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40230183001, 40230183002, 40230183003, 40230183004, 40230183005, 40230183006, 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183014, 40230183015, 40230183016, 40230183017, 40230183018, 40230183019, 40230183020, 40230183021

METHOD BLANK: 2253584 Matrix: Solid  
Associated Lab Samples: 40230183001, 40230183002, 40230183003, 40230183004, 40230183005, 40230183006, 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183014, 40230183015, 40230183016, 40230183017, 40230183018, 40230183019, 40230183020, 40230183021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	07/20/21 09:19	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	07/20/21 09:19	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	07/20/21 09:19	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	07/20/21 09:19	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	07/20/21 09:19	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	07/20/21 09:19	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	07/20/21 09:19	
Decachlorobiphenyl (S)	%	72	47-114	07/20/21 09:19	
Tetrachloro-m-xylene (S)	%	70	67-102	07/20/21 09:19	

LABORATORY CONTROL SAMPLE: 2253585

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	377	75	69-115	
Decachlorobiphenyl (S)	%			74	47-114	
Tetrachloro-m-xylene (S)	%			75	67-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2253586 2253587

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40230183016 Result	Spike Conc.	Spike Conc.	Conc.								
PCB-1016 (Aroclor 1016)	ug/kg	<18.2				<18.1	<18.1					20	
PCB-1221 (Aroclor 1221)	ug/kg	<18.2				<18.1	<18.1					20	
PCB-1232 (Aroclor 1232)	ug/kg	<18.2				<18.1	<18.1					20	
PCB-1242 (Aroclor 1242)	ug/kg	<18.2				<18.1	<18.1					20	
PCB-1248 (Aroclor 1248)	ug/kg	<18.2				<18.1	<18.1					20	
PCB-1254 (Aroclor 1254)	ug/kg	<18.2				<18.1	<18.1					20	
PCB-1260 (Aroclor 1260)	ug/kg	<18.2	595	595	405	400	400	68	67	45-120	1	20	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Parameter	Units	2253586		2253587		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40230183016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Decachlorobiphenyl (S)	%					67	67	47-114			
Tetrachloro-m-xylene (S)	%					65	65	67-102			S0

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

QC Batch:	390826	Analysis Method:	EPA 8082
QC Batch Method:	EPA 3541	Analysis Description:	8082 GCS PCB
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40230183022, 40230183023, 40230183024, 40230183025, 40230183026, 40230183027, 40230183028, 40230183029, 40230183030

METHOD BLANK: 2254050 Matrix: Solid  
Associated Lab Samples: 40230183022, 40230183023, 40230183024, 40230183025, 40230183026, 40230183027, 40230183028, 40230183029, 40230183030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	07/20/21 22:54	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	07/20/21 22:54	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	07/20/21 22:54	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	07/20/21 22:54	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	07/20/21 22:54	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	07/20/21 22:54	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	07/20/21 22:54	
Decachlorobiphenyl (S)	%	75	47-114	07/20/21 22:54	
Tetrachloro-m-xylene (S)	%	73	67-102	07/20/21 22:54	

LABORATORY CONTROL SAMPLE: 2254051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	385	77	69-115	
Decachlorobiphenyl (S)	%			77	47-114	
Tetrachloro-m-xylene (S)	%			76	67-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254052 2254053

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40230183022	Result	Conc.	Conc.						
PCB-1016 (Aroclor 1016)	ug/kg	<15.9				<15.9	<15.9				20
PCB-1221 (Aroclor 1221)	ug/kg	<15.9				<15.9	<15.9				20
PCB-1232 (Aroclor 1232)	ug/kg	<15.9				<15.9	<15.9				20
PCB-1242 (Aroclor 1242)	ug/kg	<15.9				<15.9	<15.9				20
PCB-1248 (Aroclor 1248)	ug/kg	<15.9				<15.9	<15.9				20
PCB-1254 (Aroclor 1254)	ug/kg	<15.9				<15.9	<15.9				20
PCB-1260 (Aroclor 1260)	ug/kg	<15.9	521	521	388	399	74	77	45-120	3	20
Decachlorobiphenyl (S)	%						75	75	47-114		
Tetrachloro-m-xylene (S)	%						74	73	67-102		

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

QC Batch: 390927 Analysis Method: EPA 8082  
QC Batch Method: EPA 3541 Analysis Description: 8082 GCS PCB  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40230183031, 40230183032, 40230183033, 40230183034, 40230183035

METHOD BLANK: 2254707 Matrix: Solid  
Associated Lab Samples: 40230183031, 40230183032, 40230183033, 40230183034, 40230183035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	07/21/21 18:41	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	07/21/21 18:41	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	07/21/21 18:41	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	07/21/21 18:41	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	07/21/21 18:41	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	07/21/21 18:41	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	07/21/21 18:41	
Decachlorobiphenyl (S)	%	79	47-114	07/21/21 18:41	
Tetrachloro-m-xylene (S)	%	80	67-102	07/21/21 18:41	

LABORATORY CONTROL SAMPLE: 2254708

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	404	81	69-115	
Decachlorobiphenyl (S)	%			80	47-114	
Tetrachloro-m-xylene (S)	%			79	67-102	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2254709 2254710

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40230183033 Result	Spike Conc.	Spike Conc.	Result						
PCB-1016 (Aroclor 1016)	ug/kg	<17.0			<16.9	<17.0					20
PCB-1221 (Aroclor 1221)	ug/kg	<17.0			<16.9	<17.0					20
PCB-1232 (Aroclor 1232)	ug/kg	<17.0			<16.9	<17.0					20
PCB-1242 (Aroclor 1242)	ug/kg	<17.0			<16.9	<17.0					20
PCB-1248 (Aroclor 1248)	ug/kg	<17.0			<16.9	<17.0					20
PCB-1254 (Aroclor 1254)	ug/kg	<17.0			<16.9	<17.0					20
PCB-1260 (Aroclor 1260)	ug/kg	<17.0	557	560	431	440	77	79	45-120	2	20
Decachlorobiphenyl (S)	%						77	78	47-114		
Tetrachloro-m-xylene (S)	%						77	76	67-102		

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

QC Batch:	391519	Analysis Method:	EPA 8270E by SIM
QC Batch Method:	EPA 3546	Analysis Description:	8270E/3546 MSSV PAH by SIM
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40230183003, 40230183004, 40230183005, 40230183006, 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183014, 40230183015, 40230183018, 40230183019

METHOD BLANK: 2258377 Matrix: Solid  
Associated Lab Samples: 40230183003, 40230183004, 40230183005, 40230183006, 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183014, 40230183015, 40230183018, 40230183019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	07/28/21 13:16	
2-Methylnaphthalene	ug/kg	<2.4	16.7	07/28/21 13:16	
Acenaphthene	ug/kg	<2.2	16.7	07/28/21 13:16	
Acenaphthylene	ug/kg	<2.1	16.7	07/28/21 13:16	
Anthracene	ug/kg	<2.1	16.7	07/28/21 13:16	
Benzo(a)anthracene	ug/kg	<2.2	16.7	07/28/21 13:16	
Benzo(a)pyrene	ug/kg	<1.9	16.7	07/28/21 13:16	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	07/28/21 13:16	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	07/28/21 13:16	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	07/28/21 13:16	
Chrysene	ug/kg	<3.1	16.7	07/28/21 13:16	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	07/28/21 13:16	
Fluoranthene	ug/kg	<2.0	16.7	07/28/21 13:16	
Fluorene	ug/kg	<2.0	16.7	07/28/21 13:16	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	07/28/21 13:16	
Naphthalene	ug/kg	<1.6	16.7	07/28/21 13:16	
Phenanthrene	ug/kg	<1.9	16.7	07/28/21 13:16	
Pyrene	ug/kg	<2.5	16.7	07/28/21 13:16	
2-Fluorobiphenyl (S)	%	78	36-86	07/28/21 13:16	
Terphenyl-d14 (S)	%	99	41-97	07/28/21 13:16	S3

LABORATORY CONTROL SAMPLE: 2258378

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	228	68	53-100	
2-Methylnaphthalene	ug/kg	334	237	71	51-97	
Acenaphthene	ug/kg	334	256	77	62-120	
Acenaphthylene	ug/kg	334	276	83	61-120	
Anthracene	ug/kg	334	272	81	62-111	
Benzo(a)anthracene	ug/kg	334	266	80	61-120	
Benzo(a)pyrene	ug/kg	334	284	85	65-120	
Benzo(b)fluoranthene	ug/kg	334	288	86	64-108	
Benzo(g,h,i)perylene	ug/kg	334	272	82	71-120	
Benzo(k)fluoranthene	ug/kg	334	282	85	76-120	
Chrysene	ug/kg	334	272	82	74-120	
Dibenz(a,h)anthracene	ug/kg	334	277	83	71-120	
Fluoranthene	ug/kg	334	286	86	67-112	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

LABORATORY CONTROL SAMPLE: 2258378

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	334	288	86	65-120	
Indeno(1,2,3-cd)pyrene	ug/kg	334	291	87	74-120	
Naphthalene	ug/kg	334	252	76	53-120	
Phenanthrene	ug/kg	334	255	76	67-120	
Pyrene	ug/kg	334	276	83	60-103	
2-Fluorobiphenyl (S)	%			82	36-86	
Terphenyl-d14 (S)	%			94	41-97	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2258379 2258380

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40230581010 Result	Spike Conc.	Spike Conc.	MS Result						
1-Methylnaphthalene	ug/kg	4.3J	413	412	247	226	59	54	41-100	9	29
2-Methylnaphthalene	ug/kg	<3.0	413	412	245	226	59	54	42-97	8	21
Acenaphthene	ug/kg	<0.0027 mg/kg	413	412	296	285	72	69	43-120	4	27
Acenaphthylene	ug/kg	<0.0026 mg/kg	413	412	296	284	71	68	51-120	4	26
Anthracene	ug/kg	<0.0026 mg/kg	413	412	305	285	73	69	46-111	7	29
Benzo(a)anthracene	ug/kg	0.0056J mg/kg	413	412	308	293	73	70	48-120	5	23
Benzo(a)pyrene	ug/kg	0.0044J mg/kg	413	412	324	297	77	71	46-108	9	30
Benzo(b)fluoranthene	ug/kg	0.0097J mg/kg	413	412	315	333	74	78	45-108	6	30
Benzo(g,h,i)perylene	ug/kg	0.0048J mg/kg	413	412	301	281	72	67	39-120	7	37
Benzo(k)fluoranthene	ug/kg	0.0036J mg/kg	413	412	338	284	81	68	47-120	17	31
Chrysene	ug/kg	0.0084J mg/kg	413	412	300	284	71	67	54-120	6	21
Dibenz(a,h)anthracene	ug/kg	<0.0029 mg/kg	413	412	309	288	74	69	46-120	7	34
Fluoranthene	ug/kg	0.011J mg/kg	413	412	331	310	77	72	53-112	7	27
Fluorene	ug/kg	<0.0025 mg/kg	413	412	311	298	75	72	48-120	4	29
Indeno(1,2,3-cd)pyrene	ug/kg	<0.0043 mg/kg	413	412	323	303	77	72	40-120	7	34
Naphthalene	ug/kg	0.0071J mg/kg	413	412	279	266	66	63	47-120	5	25
Phenanthrene	ug/kg	0.0067J mg/kg	413	412	327	308	78	73	49-120	6	28
Pyrene	ug/kg	0.0080J mg/kg	413	412	310	286	73	67	43-103	8	31
2-Fluorobiphenyl (S)	%						67	66	36-86		
Terphenyl-d14 (S)	%						75	71	41-97		

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
 Pace Project No.: 40230183

QC Batch:	391615	Analysis Method:	EPA 8270E by SIM
QC Batch Method:	EPA 3546	Analysis Description:	8270E/3546 MSSV PAH by SIM
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40230183020, 40230183021, 40230183024, 40230183025, 40230183026, 40230183027, 40230183028, 40230183029, 40230183030, 40230183031, 40230183032, 40230183033

METHOD BLANK: 2259088 Matrix: Solid  
 Associated Lab Samples: 40230183020, 40230183021, 40230183024, 40230183025, 40230183026, 40230183027, 40230183028, 40230183029, 40230183030, 40230183031, 40230183032, 40230183033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	07/29/21 11:56	
2-Methylnaphthalene	ug/kg	<2.4	16.7	07/29/21 11:56	
Acenaphthene	ug/kg	<2.2	16.7	07/29/21 11:56	
Acenaphthylene	ug/kg	<2.1	16.7	07/29/21 11:56	
Anthracene	ug/kg	<2.1	16.7	07/29/21 11:56	
Benzo(a)anthracene	ug/kg	<2.2	16.7	07/29/21 11:56	
Benzo(a)pyrene	ug/kg	<1.9	16.7	07/29/21 11:56	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	07/29/21 11:56	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	07/29/21 11:56	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	07/29/21 11:56	
Chrysene	ug/kg	<3.1	16.7	07/29/21 11:56	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	07/29/21 11:56	
Fluoranthene	ug/kg	<2.0	16.7	07/29/21 11:56	
Fluorene	ug/kg	<2.0	16.7	07/29/21 11:56	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	07/29/21 11:56	
Naphthalene	ug/kg	<1.6	16.7	07/29/21 11:56	
Phenanthrene	ug/kg	<1.9	16.7	07/29/21 11:56	
Pyrene	ug/kg	<2.5	16.7	07/29/21 11:56	
2-Fluorobiphenyl (S)	%	70	36-86	07/29/21 11:56	
Terphenyl-d14 (S)	%	86	41-97	07/29/21 11:56	

LABORATORY CONTROL SAMPLE: 2259089

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	219	66	53-100	
2-Methylnaphthalene	ug/kg	333	220	66	51-97	
Acenaphthene	ug/kg	333	240	72	62-120	
Acenaphthylene	ug/kg	333	236	71	61-120	
Anthracene	ug/kg	333	269	81	62-111	
Benzo(a)anthracene	ug/kg	333	238	71	61-120	
Benzo(a)pyrene	ug/kg	333	271	81	65-120	
Benzo(b)fluoranthene	ug/kg	333	271	81	64-108	
Benzo(g,h,i)perylene	ug/kg	333	258	78	71-120	
Benzo(k)fluoranthene	ug/kg	333	257	77	76-120	
Chrysene	ug/kg	333	261	78	74-120	
Dibenz(a,h)anthracene	ug/kg	333	262	79	71-120	
Fluoranthene	ug/kg	333	261	78	67-112	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

LABORATORY CONTROL SAMPLE: 2259089

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	333	244	73	65-120	
Indeno(1,2,3-cd)pyrene	ug/kg	333	277	83	74-120	
Naphthalene	ug/kg	333	231	69	53-120	
Phenanthrene	ug/kg	333	230	69	67-120	
Pyrene	ug/kg	333	263	79	60-103	
2-Fluorobiphenyl (S)	%			72	36-86	
Terphenyl-d14 (S)	%			79	41-97	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2259090 2259091

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40230581012 Result	Spike Conc.	Spike Conc.	Result							
1-Methylnaphthalene	ug/kg	<3.0	406	406	240	230	59	57	41-100	4	29	
2-Methylnaphthalene	ug/kg	<3.0	406	406	233	232	57	57	42-97	0	21	
Acenaphthene	ug/kg	<0.0026 mg/kg	406	406	274	290	67	71	43-120	6	27	
Acenaphthylene	ug/kg	<0.0026 mg/kg	406	406	274	291	67	72	51-120	6	26	
Anthracene	ug/kg	<0.0025 mg/kg	406	406	293	303	72	75	46-111	3	29	
Benzo(a)anthracene	ug/kg	<0.0026 mg/kg	406	406	275	281	68	69	48-120	2	23	
Benzo(a)pyrene	ug/kg	<0.0023 mg/kg	406	406	303	313	75	77	46-108	3	30	
Benzo(b)fluoranthene	ug/kg	<0.0028 mg/kg	406	406	276	291	68	71	45-108	5	30	
Benzo(g,h,i)perylene	ug/kg	<0.0036 mg/kg	406	406	277	285	68	70	39-120	3	37	
Benzo(k)fluoranthene	ug/kg	<0.0026 mg/kg	406	406	317	322	78	79	47-120	2	31	
Chrysene	ug/kg	<0.0038 mg/kg	406	406	288	292	71	72	54-120	1	21	
Dibenz(a,h)anthracene	ug/kg	<0.0028 mg/kg	406	406	289	292	71	72	46-120	1	34	
Fluoranthene	ug/kg	<0.0024 mg/kg	406	406	303	312	75	77	53-112	3	27	
Fluorene	ug/kg	<0.0024 mg/kg	406	406	282	299	69	73	48-120	6	29	
Indeno(1,2,3-cd)pyrene	ug/kg	<0.0042 mg/kg	406	406	298	306	73	75	40-120	3	34	
Naphthalene	ug/kg	<0.0020 mg/kg	406	406	265	283	65	69	47-120	6	25	
Phenanthrene	ug/kg	<0.0023 mg/kg	406	406	283	292	70	72	49-120	3	28	
Pyrene	ug/kg	<0.0030 mg/kg	406	406	266	275	65	68	43-103	3	31	
2-Fluorobiphenyl (S)	%						68	75	36-86			
Terphenyl-d14 (S)	%						69	71	41-97			

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

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QC Batch:	390931	Analysis Method:	WI MOD DRO
QC Batch Method:	WI MOD DRO	Analysis Description:	WIDRO GCS
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40230183001, 40230183002, 40230183003, 40230183004, 40230183005, 40230183006, 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183014, 40230183015, 40230183016, 40230183017, 40230183018, 40230183019, 40230183020

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METHOD BLANK: 2254721 Matrix: Solid  
Associated Lab Samples: 40230183001, 40230183002, 40230183003, 40230183004, 40230183005, 40230183006, 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183014, 40230183015, 40230183016, 40230183017, 40230183018, 40230183019, 40230183020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	<1.3	4.4	07/22/21 07:39	

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LABORATORY CONTROL SAMPLE & LCSD: 2254722 2254723

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range Organics	mg/kg	40	34.4	36.6	86	91	70-120	6	20	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

QC Batch:	391062	Analysis Method:	WI MOD DRO
QC Batch Method:	WI MOD DRO	Analysis Description:	WIDRO GCS
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40230183021, 40230183022, 40230183023, 40230183024, 40230183025, 40230183026, 40230183027, 40230183028, 40230183029, 40230183030, 40230183031, 40230183032, 40230183033, 40230183034, 40230183035

METHOD BLANK: 2255592 Matrix: Solid  
Associated Lab Samples: 40230183021, 40230183022, 40230183023, 40230183024, 40230183025, 40230183026, 40230183027, 40230183028, 40230183029, 40230183030, 40230183031, 40230183032, 40230183033, 40230183034, 40230183035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	<1.3	4.4	07/23/21 07:34	

Parameter	Units	2255594							Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD		
Diesel Range Organics	mg/kg	40	36.6	36.7	92	92	70-120	0	20	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

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QC Batch:	390695	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: 40230183001, 40230183002

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SAMPLE DUPLICATE: 2253354

Parameter	Units	40230152004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.6	20.1	2	10	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

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QC Batch:	390708	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: 40230183003, 40230183004, 40230183005, 40230183006, 40230183007, 40230183008, 40230183009, 40230183010, 40230183011, 40230183012, 40230183014, 40230183015

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SAMPLE DUPLICATE: 2253574

Parameter	Units	40230120003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.9	5.2	7	10	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

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QC Batch:	390739	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: 40230183016, 40230183017, 40230183018, 40230183019, 40230183020, 40230183021, 40230183022, 40230183023, 40230183024, 40230183025, 40230183026, 40230183027, 40230183028, 40230183029, 40230183030, 40230183031, 40230183032

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SAMPLE DUPLICATE: 2253640

Parameter	Units	40230183027 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.8	14.6	1	10	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

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QC Batch:	390755	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: 40230183033, 40230183034, 40230183035

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SAMPLE DUPLICATE: 2253684

Parameter	Units	40230183035 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.5	13.1	3	10	

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## QUALIFIERS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

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### 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.

### 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.
- DC Chromatographic pattern inconsistent with typical Diesel Fuel.
- L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
- M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
- S0 Surrogate recovery outside laboratory control limits.
- S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
- S4 Surrogate recovery not evaluated against control limits due to sample dilution.
- S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230183

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40230183001	P-6 (2)	EPA 3541	390710	EPA 8082	390712
40230183002	P-6 (8)	EPA 3541	390710	EPA 8082	390712
40230183003	P-12 (2)	EPA 3541	390710	EPA 8082	390712
40230183004	P-12 (9)	EPA 3541	390710	EPA 8082	390712
40230183005	P-11 (1)	EPA 3541	390710	EPA 8082	390712
40230183006	P-11 (9)	EPA 3541	390710	EPA 8082	390712
40230183007	P-15 (1)	EPA 3541	390710	EPA 8082	390712
40230183008	P-15 (7)	EPA 3541	390710	EPA 8082	390712
40230183009	P-9 (2)	EPA 3541	390710	EPA 8082	390712
40230183010	P-9 (8)	EPA 3541	390710	EPA 8082	390712
40230183011	P-10 (2)	EPA 3541	390710	EPA 8082	390712
40230183012	P-10 (6)	EPA 3541	390710	EPA 8082	390712
40230183014	P-5 (2)	EPA 3541	390710	EPA 8082	390712
40230183015	P-5 (5)	EPA 3541	390710	EPA 8082	390712
40230183016	P-1 (2)	EPA 3541	390710	EPA 8082	390712
40230183017	P-1 (5)	EPA 3541	390710	EPA 8082	390712
40230183018	P-16 (2)	EPA 3541	390710	EPA 8082	390712
40230183019	P-16 (8)	EPA 3541	390710	EPA 8082	390712
40230183020	P-13 (2)	EPA 3541	390710	EPA 8082	390712
40230183021	P-13 (5)	EPA 3541	390710	EPA 8082	390712
40230183022	P-14 (2)	EPA 3541	390826	EPA 8082	390832
40230183023	P-14 (5)	EPA 3541	390826	EPA 8082	390832
40230183024	P-8 (4)	EPA 3541	390826	EPA 8082	390832
40230183025	P-8 (7)	EPA 3541	390826	EPA 8082	390832
40230183026	P-7 (3)	EPA 3541	390826	EPA 8082	390832
40230183027	P-7 (9)	EPA 3541	390826	EPA 8082	390832
40230183028	P-4 (1)	EPA 3541	390826	EPA 8082	390832
40230183029	P-3 (1)	EPA 3541	390826	EPA 8082	390832
40230183030	P-3 (7)	EPA 3541	390826	EPA 8082	390832
40230183031	P-17 (2)	EPA 3541	390927	EPA 8082	390928
40230183032	P-17 (7)	EPA 3541	390927	EPA 8082	390928
40230183033	P-4 (7)	EPA 3541	390927	EPA 8082	390928
40230183034	P-2 (2)	EPA 3541	390927	EPA 8082	390928
40230183035	P-2 (6)	EPA 3541	390927	EPA 8082	390928
40230183001	P-6 (2)	WI MOD DRO	390931	WI MOD DRO	391010
40230183002	P-6 (8)	WI MOD DRO	390931	WI MOD DRO	391010
40230183003	P-12 (2)	WI MOD DRO	390931	WI MOD DRO	391010
40230183004	P-12 (9)	WI MOD DRO	390931	WI MOD DRO	391010
40230183005	P-11 (1)	WI MOD DRO	390931	WI MOD DRO	391010
40230183006	P-11 (9)	WI MOD DRO	390931	WI MOD DRO	391010
40230183007	P-15 (1)	WI MOD DRO	390931	WI MOD DRO	391010
40230183008	P-15 (7)	WI MOD DRO	390931	WI MOD DRO	391010
40230183009	P-9 (2)	WI MOD DRO	390931	WI MOD DRO	391010
40230183010	P-9 (8)	WI MOD DRO	390931	WI MOD DRO	391010
40230183011	P-10 (2)	WI MOD DRO	390931	WI MOD DRO	391010
40230183012	P-10 (6)	WI MOD DRO	390931	WI MOD DRO	391010
40230183014	P-5 (2)	WI MOD DRO	390931	WI MOD DRO	391010

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40230183015	P-5 (5)	WI MOD DRO	390931	WI MOD DRO	391010
40230183016	P-1 (2)	WI MOD DRO	390931	WI MOD DRO	391010
40230183017	P-1 (5)	WI MOD DRO	390931	WI MOD DRO	391010
40230183018	P-16 (2)	WI MOD DRO	390931	WI MOD DRO	391010
40230183019	P-16 (8)	WI MOD DRO	390931	WI MOD DRO	391010
40230183020	P-13 (2)	WI MOD DRO	390931	WI MOD DRO	391010
40230183021	P-13 (5)	WI MOD DRO	391062	WI MOD DRO	391151
40230183022	P-14 (2)	WI MOD DRO	391062	WI MOD DRO	391151
40230183023	P-14 (5)	WI MOD DRO	391062	WI MOD DRO	391151
40230183024	P-8 (4)	WI MOD DRO	391062	WI MOD DRO	391151
40230183025	P-8 (7)	WI MOD DRO	391062	WI MOD DRO	391151
40230183026	P-7 (3)	WI MOD DRO	391062	WI MOD DRO	391151
40230183027	P-7 (9)	WI MOD DRO	391062	WI MOD DRO	391151
40230183028	P-4 (1)	WI MOD DRO	391062	WI MOD DRO	391151
40230183029	P-3 (1)	WI MOD DRO	391062	WI MOD DRO	391151
40230183030	P-3 (7)	WI MOD DRO	391062	WI MOD DRO	391151
40230183031	P-17 (2)	WI MOD DRO	391062	WI MOD DRO	391151
40230183032	P-17 (7)	WI MOD DRO	391062	WI MOD DRO	391151
40230183033	P-4 (7)	WI MOD DRO	391062	WI MOD DRO	391151
40230183034	P-2 (2)	WI MOD DRO	391062	WI MOD DRO	391151
40230183035	P-2 (6)	WI MOD DRO	391062	WI MOD DRO	391151
40230183001	P-6 (2)	EPA 3050B	390794	EPA 6010D	390997
40230183002	P-6 (8)	EPA 3050B	390794	EPA 6010D	390997
40230183003	P-12 (2)	EPA 3050B	390794	EPA 6010D	390997
40230183004	P-12 (9)	EPA 3050B	390794	EPA 6010D	390997
40230183005	P-11 (1)	EPA 3050B	390794	EPA 6010D	390997
40230183006	P-11 (9)	EPA 3050B	390794	EPA 6010D	390997
40230183007	P-15 (1)	EPA 3050B	390794	EPA 6010D	390997
40230183008	P-15 (7)	EPA 3050B	390794	EPA 6010D	390997
40230183009	P-9 (2)	EPA 3050B	390794	EPA 6010D	390997
40230183010	P-9 (8)	EPA 3050B	390794	EPA 6010D	390997
40230183011	P-10 (2)	EPA 3050B	390794	EPA 6010D	390997
40230183012	P-10 (6)	EPA 3050B	390794	EPA 6010D	390997
40230183014	P-5 (2)	EPA 3050B	390794	EPA 6010D	390997
40230183015	P-5 (5)	EPA 3050B	390794	EPA 6010D	390997
40230183016	P-1 (2)	EPA 3050B	390794	EPA 6010D	390997
40230183017	P-1 (5)	EPA 3050B	390794	EPA 6010D	390997
40230183018	P-16 (2)	EPA 3050B	390794	EPA 6010D	390997
40230183019	P-16 (8)	EPA 3050B	390794	EPA 6010D	390997
40230183020	P-13 (2)	EPA 3050B	390794	EPA 6010D	390997
40230183021	P-13 (5)	EPA 3050B	390794	EPA 6010D	390997
40230183022	P-14 (2)	EPA 3050B	390795	EPA 6010D	390996
40230183023	P-14 (5)	EPA 3050B	390795	EPA 6010D	390996
40230183024	P-8 (4)	EPA 3050B	390795	EPA 6010D	390996
40230183025	P-8 (7)	EPA 3050B	390795	EPA 6010D	390996
40230183026	P-7 (3)	EPA 3050B	390795	EPA 6010D	390996
40230183027	P-7 (9)	EPA 3050B	390795	EPA 6010D	390996

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40230183028	P-4 (1)	EPA 3050B	390795	EPA 6010D	390996
40230183029	P-3 (1)	EPA 3050B	390795	EPA 6010D	390996
40230183030	P-3 (7)	EPA 3050B	390795	EPA 6010D	390996
40230183031	P-17 (2)	EPA 3050B	390795	EPA 6010D	390996
40230183032	P-17 (7)	EPA 3050B	390795	EPA 6010D	390996
40230183033	P-4 (7)	EPA 3050B	390795	EPA 6010D	390996
40230183034	P-2 (2)	EPA 3050B	390795	EPA 6010D	390996
40230183035	P-2 (6)	EPA 3050B	390795	EPA 6010D	390996
40230183001	P-6 (2)	EPA 7471	390943	EPA 7471	390991
40230183002	P-6 (8)	EPA 7471	390943	EPA 7471	390991
40230183003	P-12 (2)	EPA 7471	390943	EPA 7471	390991
40230183004	P-12 (9)	EPA 7471	390943	EPA 7471	390991
40230183005	P-11 (1)	EPA 7471	390943	EPA 7471	390991
40230183006	P-11 (9)	EPA 7471	390943	EPA 7471	390991
40230183007	P-15 (1)	EPA 7471	390944	EPA 7471	390992
40230183008	P-15 (7)	EPA 7471	390944	EPA 7471	390992
40230183009	P-9 (2)	EPA 7471	390944	EPA 7471	390992
40230183010	P-9 (8)	EPA 7471	390944	EPA 7471	390992
40230183011	P-10 (2)	EPA 7471	390944	EPA 7471	390992
40230183012	P-10 (6)	EPA 7471	390944	EPA 7471	390992
40230183014	P-5 (2)	EPA 7471	390944	EPA 7471	390992
40230183015	P-5 (5)	EPA 7471	390944	EPA 7471	390992
40230183016	P-1 (2)	EPA 7471	390944	EPA 7471	390992
40230183017	P-1 (5)	EPA 7471	390944	EPA 7471	390992
40230183018	P-16 (2)	EPA 7471	390944	EPA 7471	390992
40230183019	P-16 (8)	EPA 7471	390944	EPA 7471	390992
40230183020	P-13 (2)	EPA 7471	390944	EPA 7471	390992
40230183021	P-13 (5)	EPA 7471	390944	EPA 7471	390992
40230183022	P-14 (2)	EPA 7471	390944	EPA 7471	390992
40230183023	P-14 (5)	EPA 7471	390944	EPA 7471	390992
40230183024	P-8 (4)	EPA 7471	390944	EPA 7471	390992
40230183025	P-8 (7)	EPA 7471	390944	EPA 7471	390992
40230183026	P-7 (3)	EPA 7471	390944	EPA 7471	390992
40230183027	P-7 (9)	EPA 7471	390944	EPA 7471	390992
40230183028	P-4 (1)	EPA 7471	390946	EPA 7471	390995
40230183029	P-3 (1)	EPA 7471	390946	EPA 7471	390995
40230183030	P-3 (7)	EPA 7471	390946	EPA 7471	390995
40230183031	P-17 (2)	EPA 7471	390946	EPA 7471	390995
40230183032	P-17 (7)	EPA 7471	390946	EPA 7471	390995
40230183033	P-4 (7)	EPA 7471	390946	EPA 7471	390995
40230183034	P-2 (2)	EPA 7471	390946	EPA 7471	390995
40230183035	P-2 (6)	EPA 7471	390946	EPA 7471	390995
40230183003	P-12 (2)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183004	P-12 (9)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183005	P-11 (1)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183006	P-11 (9)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183007	P-15 (1)	EPA 3546	391519	EPA 8270E by SIM	391556

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40230183008	P-15 (7)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183009	P-9 (2)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183010	P-9 (8)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183011	P-10 (2)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183012	P-10 (6)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183014	P-5 (2)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183015	P-5 (5)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183018	P-16 (2)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183019	P-16 (8)	EPA 3546	391519	EPA 8270E by SIM	391556
40230183020	P-13 (2)	EPA 3546	391615	EPA 8270E by SIM	391652
40230183021	P-13 (5)	EPA 3546	391615	EPA 8270E by SIM	391652
40230183024	P-8 (4)	EPA 3546	391615	EPA 8270E by SIM	391652
40230183025	P-8 (7)	EPA 3546	391615	EPA 8270E by SIM	391652
40230183026	P-7 (3)	EPA 3546	391615	EPA 8270E by SIM	391652
40230183027	P-7 (9)	EPA 3546	391615	EPA 8270E by SIM	391652
40230183028	P-4 (1)	EPA 3546	391615	EPA 8270E by SIM	391652
40230183029	P-3 (1)	EPA 3546	391615	EPA 8270E by SIM	391652
40230183030	P-3 (7)	EPA 3546	391615	EPA 8270E by SIM	391652
40230183031	P-17 (2)	EPA 3546	391615	EPA 8270E by SIM	391652
40230183032	P-17 (7)	EPA 3546	391615	EPA 8270E by SIM	391652
40230183033	P-4 (7)	EPA 3546	391615	EPA 8270E by SIM	391652
40230183001	P-6 (2)	EPA 5035/5030B	390845	EPA 8260	390849
40230183002	P-6 (8)	EPA 5035/5030B	390845	EPA 8260	390849
40230183003	P-12 (2)	EPA 5035/5030B	390845	EPA 8260	390849
40230183004	P-12 (9)	EPA 5035/5030B	390845	EPA 8260	390849
40230183005	P-11 (1)	EPA 5035/5030B	390845	EPA 8260	390849
40230183006	P-11 (9)	EPA 5035/5030B	390852	EPA 8260	390854
40230183007	P-15 (1)	EPA 5035/5030B	390852	EPA 8260	390854
40230183008	P-15 (7)	EPA 5035/5030B	390852	EPA 8260	390854
40230183009	P-9 (2)	EPA 5035/5030B	390852	EPA 8260	390854
40230183010	P-9 (8)	EPA 5035/5030B	390852	EPA 8260	390854
40230183011	P-10 (2)	EPA 5035/5030B	390852	EPA 8260	390854
40230183012	P-10 (6)	EPA 5035/5030B	390852	EPA 8260	390854
40230183013	MEOH TRIP	EPA 5035/5030B	390852	EPA 8260	390854
40230183014	P-5 (2)	EPA 5035/5030B	390852	EPA 8260	390854
40230183015	P-5 (5)	EPA 5035/5030B	390852	EPA 8260	390854
40230183016	P-1 (2)	EPA 5035/5030B	390852	EPA 8260	390854
40230183017	P-1 (5)	EPA 5035/5030B	390852	EPA 8260	390854
40230183018	P-16 (2)	EPA 5035/5030B	390852	EPA 8260	390854
40230183019	P-16 (8)	EPA 5035/5030B	390852	EPA 8260	390854
40230183020	P-13 (2)	EPA 5035/5030B	390852	EPA 8260	390854
40230183021	P-13 (5)	EPA 5035/5030B	390852	EPA 8260	390854
40230183022	P-14 (2)	EPA 5035/5030B	390852	EPA 8260	390854
40230183023	P-14 (5)	EPA 5035/5030B	390852	EPA 8260	390854
40230183024	P-8 (4)	EPA 5035/5030B	390852	EPA 8260	390854
40230183025	P-8 (7)	EPA 5035/5030B	390852	EPA 8260	390854
40230183026	P-7 (3)	EPA 5035/5030B	390980	EPA 8260	390983

### REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230183

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40230183027	P-7 (9)	EPA 5035/5030B	390980	EPA 8260	390983
40230183028	P-4 (1)	EPA 5035/5030B	390980	EPA 8260	390983
40230183029	P-3 (1)	EPA 5035/5030B	390980	EPA 8260	390983
40230183030	P-3 (7)	EPA 5035/5030B	390980	EPA 8260	390983
40230183031	P-17 (2)	EPA 5035/5030B	390980	EPA 8260	390983
40230183032	P-17 (7)	EPA 5035/5030B	390980	EPA 8260	390983
40230183033	P-4 (7)	EPA 5035/5030B	390980	EPA 8260	390983
40230183034	P-2 (2)	EPA 5035/5030B	390980	EPA 8260	390983
40230183035	P-2 (6)	EPA 5035/5030B	390980	EPA 8260	390983
40230183001	P-6 (2)	ASTM D2974-87	390695		
40230183002	P-6 (8)	ASTM D2974-87	390695		
40230183003	P-12 (2)	ASTM D2974-87	390708		
40230183004	P-12 (9)	ASTM D2974-87	390708		
40230183005	P-11 (1)	ASTM D2974-87	390708		
40230183006	P-11 (9)	ASTM D2974-87	390708		
40230183007	P-15 (1)	ASTM D2974-87	390708		
40230183008	P-15 (7)	ASTM D2974-87	390708		
40230183009	P-9 (2)	ASTM D2974-87	390708		
40230183010	P-9 (8)	ASTM D2974-87	390708		
40230183011	P-10 (2)	ASTM D2974-87	390708		
40230183012	P-10 (6)	ASTM D2974-87	390708		
40230183014	P-5 (2)	ASTM D2974-87	390708		
40230183015	P-5 (5)	ASTM D2974-87	390708		
40230183016	P-1 (2)	ASTM D2974-87	390739		
40230183017	P-1 (5)	ASTM D2974-87	390739		
40230183018	P-16 (2)	ASTM D2974-87	390739		
40230183019	P-16 (8)	ASTM D2974-87	390739		
40230183020	P-13 (2)	ASTM D2974-87	390739		
40230183021	P-13 (5)	ASTM D2974-87	390739		
40230183022	P-14 (2)	ASTM D2974-87	390739		
40230183023	P-14 (5)	ASTM D2974-87	390739		
40230183024	P-8 (4)	ASTM D2974-87	390739		
40230183025	P-8 (7)	ASTM D2974-87	390739		
40230183026	P-7 (3)	ASTM D2974-87	390739		
40230183027	P-7 (9)	ASTM D2974-87	390739		
40230183028	P-4 (1)	ASTM D2974-87	390739		
40230183029	P-3 (1)	ASTM D2974-87	390739		
40230183030	P-3 (7)	ASTM D2974-87	390739		
40230183031	P-17 (2)	ASTM D2974-87	390739		
40230183032	P-17 (7)	ASTM D2974-87	390739		
40230183033	P-4 (7)	ASTM D2974-87	390755		
40230183034	P-2 (2)	ASTM D2974-87	390755		
40230183035	P-2 (6)	ASTM D2974-87	390755		

## REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Terracor  
 Branch/Location: Franklin  
 Project Contact: Lucas Chalkh/Tim  
 Phone: 712 301 9315  
 Project Number: 5821 7147  
 Project Name: Brown Loch Lormen - Scrap  
 Project State: WI  
 Sampled By (Print): Lucas Chalkh  
 Sampled By (Sign): [Signature]  
 PO #: \_\_\_\_\_ Regulatory Program: \_\_\_\_\_



UPPER MIDWEST REGION

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

40230183

### 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	Pick Letter	Analyses Requested	Matrix Codes																		
			A	B	C	D	E	F	G	H	I	J									
N	A	PCBs + PAHs																			
N	A	metals																			
N	A	metals																			
		VOCs - 80.L																			
		DRO																			

Quote #: \_\_\_\_\_  
 Mail To Contact: \_\_\_\_\_  
 Mail To Company: \_\_\_\_\_  
 Mail To Address: \_\_\_\_\_  
 Invoice To Contact: \_\_\_\_\_  
 Invoice To Company: \_\_\_\_\_  
 Invoice To Address: \_\_\_\_\_  
 Invoice To Phone: \_\_\_\_\_  
 CLIENT COMMENTS: \_\_\_\_\_  
 LAB COMMENTS (Lab Use Only): \_\_\_\_\_  
 Profile #: \_\_\_\_\_

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	P6 (2)	7-15-21	1240	S
002	P6 (8)		1242	
003	P17 (2)		1244	
004	P12 (9)		1246	
005	P11 (1)		1248	
006	P11 (9)		1250	
007	P15 (1)		1252	
008	P15 (2)		1254	
009	P9 (2)		1700	
010	P9 (8)		1702	
011	P10 (2)		1704	
012	P-10 (6)		1706	
013	MEO TRIP		1708	

Hold PAHs pending DRO results

Rush Turnaround Time Requested - Prelims  
 (Rush TAT subject to approval/surcharge)  
 Date Needed: 5 DAY TAT

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: <u>[Signature]</u>	Date/Time: <u>7-16-21 17:30</u>	Received By: <u>[Signature]</u>	Date/Time: _____
Relinquished By: <u>CS Logistics</u>	Date/Time: <u>7/17/21 9:00</u>	Received By: <u>[Signature]</u>	Date/Time: <u>7/17/21 9:00</u>
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. 40230183  
 Receipt Temp = 5 °C  
 Sample Receipt pH OK / Adjusted  
 Cooler Custody Seal Present / Not Present  
 Intact / Not Intact

(Please Print Clearly)

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			

40230183

Company Name: \_\_\_\_\_  
 Branch/Location: \_\_\_\_\_  
 Project Contact: \_\_\_\_\_  
 Phone: *See page 1 of 3*  
 Project Number: \_\_\_\_\_  
 Project Name: \_\_\_\_\_  
 Project State: \_\_\_\_\_  
 Sampled By (Print): \_\_\_\_\_  
 Sampled By (Sign): \_\_\_\_\_  
 PO #: \_\_\_\_\_  
 Regulatory Program: \_\_\_\_\_

Quote #: \_\_\_\_\_  
 Mail To Contact: *See*  
 Mail To Company: \_\_\_\_\_  
 Mail To Address: *Page 1 of 3*  
 Invoice To Contact: \_\_\_\_\_  
 Invoice To Company: \_\_\_\_\_  
 Invoice To Address: \_\_\_\_\_  
 Invoice To Phone: \_\_\_\_\_  
 CLIENT COMMENTS: \_\_\_\_\_  
 LAB COMMENTS (Lab Use Only): \_\_\_\_\_  
 Profile #: \_\_\_\_\_

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

Y/N	Pick Letter	Analyses Requested
N	A	PATHS + PCBs metals morphine VOCs - SOIL DRO
N	A	
N	F	
N	A	

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Y/N	Pick Letter	Analyses Requested
		DATE	TIME				
014	P-5 (2)	7-15-21	1708	S			
015	P-5 (5)		1710				
016	P-1 (2)		1712				
017	P-1 (5)		1714				
018	P-16 (2)		1716				
019	P-16 (8)		1718				
020	P-13 (2)	7-16-21	1450				
021	P-13 (5)		1452				
022	P-14 (2)		1454				
023	P-14 (5)		1456				
024	P-8 (4)		1458				
025	P-8 (7)		1500				
026	P-7 (3)		1601				

Hold  
PATHS  
RESULTS  
of  
DRO

Rush Turnaround Time Requested - Prelims  
 (Rush TAT subject to approval/surcharge)  
 Date Needed: **5 DAY**

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>[Signature]</i>	Date/Time: 7-16-21 1730	Received By: <i>[Signature]</i>	Date/Time: _____
Relinquished By: <i>Logistics</i>	Date/Time: 7/12/21 900	Received By: <i>[Signature]</i>	Date/Time: 7/12/21 900
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. **40230183**

Receipt Temp = **3** °C

Sample Receipt pH **OK / Adjusted**

Cooler Custody Seal  
 Present / Not Present  
 Intact / No Frost

(Please Print Clearly)

Company Name: \_\_\_\_\_  
 Branch/Location: \_\_\_\_\_  
 Project Contact: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Project Number: \_\_\_\_\_  
 Project Name: **lot 3**  
 Project State: \_\_\_\_\_  
 Sampled By (Print): \_\_\_\_\_  
 Sampled By (Sign): \_\_\_\_\_  
 PO #: \_\_\_\_\_  
 Regulatory Program: \_\_\_\_\_



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

40230183

### 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	Pick Letter	Analyses Requested
N	A	PAHs + PCBs metals VOCs - soil DRO
N	A	
N	F	
N	A	

Quote #: \_\_\_\_\_  
 Mail To Contact: \_\_\_\_\_  
 Mail To Company: \_\_\_\_\_  
 Mail To Address: **See lot 3**  
 Invoice To Contact: \_\_\_\_\_  
 Invoice To Company: \_\_\_\_\_  
 Invoice To Address: \_\_\_\_\_  
 Invoice To Phone: \_\_\_\_\_  
 CLIENT COMMENTS: \_\_\_\_\_  
 LAB COMMENTS (Lab Use Only): \_\_\_\_\_  
 Profile #: \_\_\_\_\_

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

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

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

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
027	P-7 (9)	2/6/21	1606	S
028	P-4 (1)		1100	
029	P-3 (1)		1104	
030	P-3 (7)		1106	
031	P17 (2)		1108	
032	P17 (7)		1110	
033	P-4 (7)		1102	V
034	P-17 LFC			LFC
035	P-17 LFC			LFC
036	P-2 (2)		1454	
037	P-2 (6)		1456	

HOLD  
 PAHs  
 PCBs  
 DRO

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)  
 Date Needed: **5 PM 4/21/21**

Relinquished By: \_\_\_\_\_ Date/Time: **2/6/21 12:30**  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Transmit Prelim Rush Results by (complete what you want):  
 Relinquished By: **CS LOGISTICS** Date/Time: **7/17/21 900**  
 Received By: \_\_\_\_\_ Date/Time: **7/17/21 900**

PACE Project No. **40230183**

Receipt Temp = **3** °C

Sample Receipt pH **OK / Adjusted**

Cooler Custody Seal **Present / Not Present Intact / Not Intact**

003  
0035



**Sample Preservation Receipt Form**  
 Project # 40230183

Client Name: Terraccon


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

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							Volume (mL)								
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	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, Chlform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: \_\_\_\_\_  
 Headspace in VOA Vials (>6mm):  Yes  No  N/A \*If yes look in headspace column

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

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: <b>Sample Condition Upon Receipt (SCUR)</b>	Document Revised: 26Mar2020
	Document No.: <b>ENV-FRM-GBAY-0014-Rev.00</b>	Author: Pace Green Bay Quality Office

**Sample Condition Upon Receipt Form (SCUR)**

Project # \_\_\_\_\_

Client Name: Terracon

**WO#: 40230183**

Courier:  CS Logistics  Fed Ex  Speedee  UPS  Walco  
 Client  Pace Other: \_\_\_\_\_



Tracking #: 2071 071621

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 - 102 Type of Ice:  Wet  Blue  Dry  None

Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 25/12 / Corr: 3/2.5

Person examining contents:

Temp Blank Present:  yes  no

Biological Tissue is Frozen:  yes  no

Date: 7/17/21 Initials: EA

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Labeled By Initials: SKW

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>Mail + invoice info</u> <span style="float: right;"><u>7/17/21 EC</u></span>
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>0019 JG WGFU "IDP-16(2)" Time matches</u> <u>004 - WPFU ID "12-8" Time matches</u> <span style="float: right;"><u>7/17/21 EC</u></span>
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

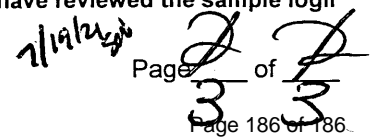
**Client Notification/ Resolution:**

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

  
 Page 3 of 3  
 Page 186 of 186

July 27, 2021

Tim Welch  
Terracon, Inc. - Franklin  
9856 South 57th Street  
Franklin, WI 53132

RE: Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230234

Dear Tim Welch:

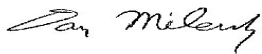
Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

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### **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

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230234

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40230234001	P-1	Water	07/19/21 12:40	07/20/21 08:00
40230234002	P-2	Water	07/19/21 12:25	07/20/21 08:00
40230234003	P-3	Water	07/19/21 11:35	07/20/21 08:00
40230234004	P-4	Water	07/19/21 11:20	07/20/21 08:00
40230234005	P-5	Water	07/19/21 12:55	07/20/21 08:00
40230234006	P-6	Water	07/19/21 11:05	07/20/21 08:00
40230234007	P-7	Water	07/19/21 10:35	07/20/21 08:00
40230234008	P-8	Water	07/19/21 10:25	07/20/21 08:00
40230234009	P-9	Water	07/19/21 13:50	07/20/21 08:00
40230234010	P-10	Water	07/19/21 13:15	07/20/21 08:00
40230234011	P-11	Water	07/19/21 14:20	07/20/21 08:00
40230234012	P-12	Water	07/19/21 14:30	07/20/21 08:00
40230234013	P-13	Water	07/19/21 13:30	07/20/21 08:00
40230234014	P-14	Water	07/19/21 13:40	07/20/21 08:00
40230234015	P-15	Water	07/19/21 14:10	07/20/21 08:00
40230234016	P-16	Water	07/19/21 14:00	07/20/21 08:00
40230234017	P-17	Water	07/19/21 11:50	07/20/21 08:00
40230234018	TRIP BLANK	Water	07/19/21 00:00	07/20/21 08:00

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230234

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40230234001	P-1	EPA 8260	MDS	64	PASI-G
40230234002	P-2	EPA 8260	MDS	64	PASI-G
40230234003	P-3	EPA 8260	MDS	64	PASI-G
40230234004	P-4	EPA 8260	MDS	64	PASI-G
40230234005	P-5	EPA 8260	MDS	64	PASI-G
40230234006	P-6	EPA 8260	MDS	64	PASI-G
40230234007	P-7	EPA 8260	MDS	64	PASI-G
40230234008	P-8	EPA 8260	MDS	64	PASI-G
40230234009	P-9	EPA 8260	MDS	64	PASI-G
40230234010	P-10	EPA 8260	LAP	64	PASI-G
40230234011	P-11	EPA 8260	LAP	64	PASI-G
40230234012	P-12	EPA 8260	MDS	64	PASI-G
40230234013	P-13	EPA 8260	MDS	64	PASI-G
40230234014	P-14	EPA 8260	MDS	64	PASI-G
40230234015	P-15	EPA 8260	MDS	64	PASI-G
40230234016	P-16	EPA 8260	MDS	64	PASI-G
40230234017	P-17	EPA 8260	MDS	64	PASI-G
40230234018	TRIP BLANK	EPA 8260	MDS	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40230234001</b>	<b>P-1</b>					
EPA 8260	Chloroethane	1.7J	ug/L	5.0	07/22/21 01:30	
EPA 8260	1,1-Dichloroethene	11.1	ug/L	1.0	07/22/21 01:30	
EPA 8260	cis-1,2-Dichloroethene	1850	ug/L	20.0	07/22/21 17:22	
EPA 8260	trans-1,2-Dichloroethene	51.3	ug/L	1.0	07/22/21 01:30	
EPA 8260	Tetrachloroethene	47.4	ug/L	1.0	07/22/21 01:30	
EPA 8260	Toluene	0.37J	ug/L	1.0	07/22/21 01:30	
EPA 8260	Trichloroethene	3090	ug/L	20.0	07/22/21 17:22	
EPA 8260	Vinyl chloride	242	ug/L	1.0	07/22/21 01:30	
<b>40230234002</b>	<b>P-2</b>					
EPA 8260	cis-1,2-Dichloroethene	3.9	ug/L	1.0	07/22/21 16:41	
EPA 8260	Trichloroethene	1.3	ug/L	1.0	07/22/21 16:41	
EPA 8260	Vinyl chloride	1.4	ug/L	1.0	07/22/21 16:41	
<b>40230234003</b>	<b>P-3</b>					
EPA 8260	Benzene	1.5	ug/L	1.0	07/22/21 02:12	
EPA 8260	Chloroethane	1.5J	ug/L	5.0	07/22/21 02:12	
EPA 8260	1,1-Dichloroethene	1.4	ug/L	1.0	07/22/21 02:12	
EPA 8260	cis-1,2-Dichloroethene	490	ug/L	5.0	07/22/21 17:01	
EPA 8260	trans-1,2-Dichloroethene	9.7	ug/L	1.0	07/22/21 02:12	
EPA 8260	Tetrachloroethene	86.1	ug/L	1.0	07/22/21 02:12	
EPA 8260	Toluene	0.62J	ug/L	1.0	07/22/21 02:12	
EPA 8260	Trichloroethene	66.8	ug/L	1.0	07/22/21 02:12	
EPA 8260	Vinyl chloride	62.7	ug/L	1.0	07/22/21 02:12	
<b>40230234005</b>	<b>P-5</b>					
EPA 8260	cis-1,2-Dichloroethene	116	ug/L	1.0	07/22/21 02:53	
EPA 8260	trans-1,2-Dichloroethene	0.72J	ug/L	1.0	07/22/21 02:53	
EPA 8260	Trichloroethene	3.4	ug/L	1.0	07/22/21 02:53	
EPA 8260	Vinyl chloride	2.2	ug/L	1.0	07/22/21 02:53	
<b>40230234006</b>	<b>P-6</b>					
EPA 8260	Vinyl chloride	0.26J	ug/L	1.0	07/22/21 11:17	
<b>40230234007</b>	<b>P-7</b>					
EPA 8260	cis-1,2-Dichloroethene	0.54J	ug/L	1.0	07/22/21 03:35	
EPA 8260	Tetrachloroethene	2.0	ug/L	1.0	07/22/21 03:35	
EPA 8260	Toluene	0.31J	ug/L	1.0	07/22/21 03:35	
EPA 8260	Trichloroethene	0.50J	ug/L	1.0	07/22/21 03:35	
<b>40230234008</b>	<b>P-8</b>					
EPA 8260	Trichloroethene	1.8	ug/L	1.0	07/22/21 03:56	
<b>40230234009</b>	<b>P-9</b>					
EPA 8260	Benzene	0.94J	ug/L	1.0	07/22/21 04:16	
EPA 8260	Toluene	0.45J	ug/L	1.0	07/22/21 04:16	
<b>40230234010</b>	<b>P-10</b>					
EPA 8260	cis-1,2-Dichloroethene	1.6	ug/L	1.0	07/27/21 10:20	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230234

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40230234011</b>	<b>P-11</b>					
EPA 8260	Benzene	1.7	ug/L	1.0	07/27/21 10:39	
EPA 8260	Chlorobenzene	1.3	ug/L	1.0	07/27/21 10:39	
EPA 8260	Vinyl chloride	1.7	ug/L	1.0	07/27/21 10:39	
<b>40230234012</b>	<b>P-12</b>					
EPA 8260	1,1-Dichloroethane	0.74J	ug/L	1.0	07/22/21 10:35	
EPA 8260	Vinyl chloride	1.5	ug/L	1.0	07/22/21 10:35	
<b>40230234013</b>	<b>P-13</b>					
EPA 8260	Benzene	0.44J	ug/L	1.0	07/22/21 10:14	
<b>40230234014</b>	<b>P-14</b>					
EPA 8260	Benzene	0.35J	ug/L	1.0	07/22/21 09:53	
EPA 8260	Ethylbenzene	0.37J	ug/L	1.0	07/22/21 09:53	
EPA 8260	Isopropylbenzene (Cumene)	1.1J	ug/L	5.0	07/22/21 09:53	
EPA 8260	Toluene	0.94J	ug/L	1.0	07/22/21 09:53	
EPA 8260	Vinyl chloride	0.32J	ug/L	1.0	07/22/21 09:53	
<b>40230234016</b>	<b>P-16</b>					
EPA 8260	Benzene	0.78J	ug/L	1.0	07/22/21 09:12	
EPA 8260	sec-Butylbenzene	0.56J	ug/L	1.0	07/22/21 09:12	
EPA 8260	1,1-Dichloroethane	4.1	ug/L	1.0	07/22/21 09:12	
EPA 8260	Ethylbenzene	0.33J	ug/L	1.0	07/22/21 09:12	
EPA 8260	Naphthalene	4.7J	ug/L	5.0	07/22/21 09:12	1q
EPA 8260	n-Propylbenzene	1.4	ug/L	1.0	07/22/21 09:12	
EPA 8260	Toluene	3.1	ug/L	1.0	07/22/21 09:12	
EPA 8260	1,1,1-Trichloroethane	0.48J	ug/L	1.0	07/22/21 09:12	
EPA 8260	1,2,4-Trimethylbenzene	14.6	ug/L	1.0	07/22/21 09:12	
EPA 8260	1,3,5-Trimethylbenzene	4.1	ug/L	1.0	07/22/21 09:12	
EPA 8260	m&p-Xylene	0.98J	ug/L	2.0	07/22/21 09:12	
EPA 8260	o-Xylene	1.0	ug/L	1.0	07/22/21 09:12	
<b>40230234017</b>	<b>P-17</b>					
EPA 8260	Benzene	0.30J	ug/L	1.0	07/22/21 08:51	
EPA 8260	Toluene	0.44J	ug/L	1.0	07/22/21 08:51	

### REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230234

---

**Method:** EPA 8260  
**Description:** 8260 MSV  
**Client:** Terracon, Inc. - Franklin  
**Date:** July 27, 2021

### General Information:

18 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.

- P-17 (Lab ID: 40230234017)
- P-2 (Lab ID: 40230234002)
- P-5 (Lab ID: 40230234005)
- P-6 (Lab ID: 40230234006)

### Hold Time:

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

### Initial Calibrations (including MS Tune as applicable):

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

### Continuing Calibration:

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

### Internal Standards:

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

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

### Method Blank:

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

### Laboratory Control Spike:

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

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 390879

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 40230234015

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 2255444)
  - Chloroethane

### Additional Comments:

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

---

**Method:** EPA 8260

**Description:** 8260 MSV

**Client:** Terracon, Inc. - Franklin

**Date:** July 27, 2021

Analyte Comments:

QC Batch: 390879

1q: Analyte was detected in the associated method blank. Sample was re-analyzed with a second method blank that was non-detect. Due to limitations of the LIMS system, only initial method blank results are reported.

- P-16 (Lab ID: 40230234016)
- Naphthalene

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

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

Sample: P-1 Lab ID: 40230234001 Collected: 07/19/21 12:40 Received: 07/20/21 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 01:30	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 01:30	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 01:30	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 01:30	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 01:30	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 01:30	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 01:30	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 01:30	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 01:30	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 01:30	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 01:30	108-90-7	
Chloroethane	1.7J	ug/L	5.0	1.4	1		07/22/21 01:30	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 01:30	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 01:30	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 01:30	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 01:30	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 01:30	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 01:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 01:30	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 01:30	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 01:30	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 01:30	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 01:30	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 01:30	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 01:30	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 01:30	107-06-2	
1,1-Dichloroethene	11.1	ug/L	1.0	0.58	1		07/22/21 01:30	75-35-4	
cis-1,2-Dichloroethene	1850	ug/L	20.0	9.4	20		07/22/21 17:22	156-59-2	
trans-1,2-Dichloroethene	51.3	ug/L	1.0	0.53	1		07/22/21 01:30	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 01:30	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 01:30	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 01:30	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 01:30	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 01:30	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 01:30	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 01:30	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 01:30	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 01:30	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 01:30	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 01:30	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 01:30	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 01:30	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 01:30	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 01:30	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 01:30	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-1**      **Lab ID: 40230234001**      Collected: 07/19/21 12:40      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 01:30	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 01:30	79-34-5	
Tetrachloroethene	47.4	ug/L	1.0	0.41	1		07/22/21 01:30	127-18-4	
Toluene	0.37J	ug/L	1.0	0.29	1		07/22/21 01:30	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 01:30	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 01:30	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 01:30	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 01:30	79-00-5	
Trichloroethene	3090	ug/L	20.0	6.4	20		07/22/21 17:22	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 01:30	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 01:30	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 01:30	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 01:30	108-67-8	
Vinyl chloride	242	ug/L	1.0	0.17	1		07/22/21 01:30	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 01:30	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 01:30	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	111	%	70-130		1		07/22/21 01:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		07/22/21 01:30	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/22/21 01:30	2037-26-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-2**      **Lab ID: 40230234002**      Collected: 07/19/21 12:25      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 16:41	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 16:41	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 16:41	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 16:41	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 16:41	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 16:41	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 16:41	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 16:41	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 16:41	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 16:41	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 16:41	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 16:41	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 16:41	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 16:41	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 16:41	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 16:41	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 16:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 16:41	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 16:41	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 16:41	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 16:41	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 16:41	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 16:41	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 16:41	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 16:41	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 16:41	75-35-4	
cis-1,2-Dichloroethene	3.9	ug/L	1.0	0.47	1		07/22/21 16:41	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 16:41	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 16:41	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 16:41	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 16:41	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 16:41	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 16:41	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 16:41	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 16:41	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 16:41	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 16:41	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 16:41	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 16:41	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 16:41	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 16:41	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 16:41	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 16:41	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 16:41	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-2**      **Lab ID: 40230234002**      Collected: 07/19/21 12:25      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 16:41	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 16:41	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 16:41	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 16:41	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 16:41	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 16:41	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 16:41	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 16:41	79-00-5	
Trichloroethene	1.3	ug/L	1.0	0.32	1		07/22/21 16:41	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 16:41	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 16:41	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 16:41	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 16:41	108-67-8	
Vinyl chloride	1.4	ug/L	1.0	0.17	1		07/22/21 16:41	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 16:41	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 16:41	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	115	%	70-130		1		07/22/21 16:41	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		07/22/21 16:41	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		07/22/21 16:41	2037-26-5	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-3**      **Lab ID: 40230234003**      Collected: 07/19/21 11:35      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.5	ug/L	1.0	0.30	1		07/22/21 02:12	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 02:12	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 02:12	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 02:12	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 02:12	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 02:12	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 02:12	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 02:12	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 02:12	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 02:12	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 02:12	108-90-7	
Chloroethane	1.5J	ug/L	5.0	1.4	1		07/22/21 02:12	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 02:12	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 02:12	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 02:12	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 02:12	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 02:12	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 02:12	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 02:12	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 02:12	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 02:12	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 02:12	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 02:12	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 02:12	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 02:12	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 02:12	107-06-2	
1,1-Dichloroethene	1.4	ug/L	1.0	0.58	1		07/22/21 02:12	75-35-4	
cis-1,2-Dichloroethene	490	ug/L	5.0	2.4	5		07/22/21 17:01	156-59-2	
trans-1,2-Dichloroethene	9.7	ug/L	1.0	0.53	1		07/22/21 02:12	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 02:12	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 02:12	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 02:12	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 02:12	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 02:12	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 02:12	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 02:12	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 02:12	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 02:12	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 02:12	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 02:12	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 02:12	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 02:12	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 02:12	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 02:12	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 02:12	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-3**      **Lab ID: 40230234003**      Collected: 07/19/21 11:35      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 02:12	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 02:12	79-34-5	
Tetrachloroethene	86.1	ug/L	1.0	0.41	1		07/22/21 02:12	127-18-4	
Toluene	0.62J	ug/L	1.0	0.29	1		07/22/21 02:12	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 02:12	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 02:12	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 02:12	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 02:12	79-00-5	
Trichloroethene	66.8	ug/L	1.0	0.32	1		07/22/21 02:12	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 02:12	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 02:12	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 02:12	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 02:12	108-67-8	
Vinyl chloride	62.7	ug/L	1.0	0.17	1		07/22/21 02:12	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 02:12	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 02:12	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	112	%	70-130		1		07/22/21 02:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		07/22/21 02:12	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		07/22/21 02:12	2037-26-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-4**      **Lab ID: 40230234004**      Collected: 07/19/21 11:20      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 10:56	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 10:56	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 10:56	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 10:56	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 10:56	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 10:56	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 10:56	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 10:56	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 10:56	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 10:56	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 10:56	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 10:56	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 10:56	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 10:56	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 10:56	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 10:56	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 10:56	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 10:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 10:56	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 10:56	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 10:56	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 10:56	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 10:56	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 10:56	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 10:56	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 10:56	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 10:56	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 10:56	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 10:56	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 10:56	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 10:56	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 10:56	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 10:56	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 10:56	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 10:56	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 10:56	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 10:56	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 10:56	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 10:56	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 10:56	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 10:56	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 10:56	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 10:56	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 10:56	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 10:56	100-42-5	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-4**      **Lab ID: 40230234004**      Collected: 07/19/21 11:20      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 10:56	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 10:56	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 10:56	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 10:56	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 10:56	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 10:56	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 10:56	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 10:56	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/22/21 10:56	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 10:56	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 10:56	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 10:56	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 10:56	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 10:56	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 10:56	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 10:56	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	116	%	70-130		1		07/22/21 10:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	70-130		1		07/22/21 10:56	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/22/21 10:56	2037-26-5	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-5**      **Lab ID: 40230234005**      Collected: 07/19/21 12:55      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 02:53	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 02:53	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 02:53	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 02:53	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 02:53	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 02:53	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 02:53	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 02:53	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 02:53	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 02:53	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 02:53	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 02:53	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 02:53	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 02:53	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 02:53	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 02:53	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 02:53	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 02:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 02:53	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 02:53	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 02:53	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 02:53	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 02:53	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 02:53	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 02:53	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 02:53	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 02:53	75-35-4	
cis-1,2-Dichloroethene	116	ug/L	1.0	0.47	1		07/22/21 02:53	156-59-2	
trans-1,2-Dichloroethene	0.72J	ug/L	1.0	0.53	1		07/22/21 02:53	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 02:53	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 02:53	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 02:53	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 02:53	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 02:53	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 02:53	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 02:53	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 02:53	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 02:53	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 02:53	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 02:53	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 02:53	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 02:53	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 02:53	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 02:53	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 02:53	100-42-5	

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**ANALYTICAL RESULTS**

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-5**      **Lab ID: 40230234005**      Collected: 07/19/21 12:55      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 02:53	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 02:53	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 02:53	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 02:53	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 02:53	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 02:53	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 02:53	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 02:53	79-00-5	
Trichloroethene	3.4	ug/L	1.0	0.32	1		07/22/21 02:53	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 02:53	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 02:53	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 02:53	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 02:53	108-67-8	
Vinyl chloride	2.2	ug/L	1.0	0.17	1		07/22/21 02:53	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 02:53	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 02:53	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	113	%	70-130		1		07/22/21 02:53	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	110	%	70-130		1		07/22/21 02:53	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		07/22/21 02:53	2037-26-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-6**      **Lab ID: 40230234006**      Collected: 07/19/21 11:05      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 11:17	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 11:17	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 11:17	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 11:17	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 11:17	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 11:17	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 11:17	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 11:17	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 11:17	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 11:17	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 11:17	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 11:17	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 11:17	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 11:17	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 11:17	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 11:17	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 11:17	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 11:17	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 11:17	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 11:17	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 11:17	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 11:17	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 11:17	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 11:17	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 11:17	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 11:17	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 11:17	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 11:17	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 11:17	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 11:17	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 11:17	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 11:17	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 11:17	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 11:17	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 11:17	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 11:17	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 11:17	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 11:17	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 11:17	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 11:17	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 11:17	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 11:17	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 11:17	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 11:17	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 11:17	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-6**      **Lab ID: 40230234006**      Collected: 07/19/21 11:05      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 11:17	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 11:17	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 11:17	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 11:17	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 11:17	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 11:17	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 11:17	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 11:17	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/22/21 11:17	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 11:17	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 11:17	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 11:17	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 11:17	108-67-8	
Vinyl chloride	0.26J	ug/L	1.0	0.17	1		07/22/21 11:17	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 11:17	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 11:17	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	115	%	70-130		1		07/22/21 11:17	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		07/22/21 11:17	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		07/22/21 11:17	2037-26-5	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-7**      **Lab ID: 40230234007**      Collected: 07/19/21 10:35      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 03:35	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 03:35	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 03:35	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 03:35	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 03:35	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 03:35	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 03:35	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 03:35	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 03:35	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 03:35	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 03:35	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 03:35	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 03:35	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 03:35	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 03:35	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 03:35	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 03:35	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 03:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 03:35	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 03:35	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 03:35	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 03:35	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 03:35	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 03:35	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 03:35	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 03:35	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 03:35	75-35-4	
cis-1,2-Dichloroethene	0.54J	ug/L	1.0	0.47	1		07/22/21 03:35	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 03:35	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 03:35	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 03:35	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 03:35	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 03:35	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 03:35	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 03:35	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 03:35	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 03:35	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 03:35	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 03:35	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 03:35	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 03:35	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 03:35	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 03:35	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 03:35	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 03:35	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-7**      **Lab ID: 40230234007**      Collected: 07/19/21 10:35      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 03:35	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 03:35	79-34-5	
Tetrachloroethene	2.0	ug/L	1.0	0.41	1		07/22/21 03:35	127-18-4	
Toluene	0.31J	ug/L	1.0	0.29	1		07/22/21 03:35	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 03:35	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 03:35	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 03:35	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 03:35	79-00-5	
Trichloroethene	0.50J	ug/L	1.0	0.32	1		07/22/21 03:35	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 03:35	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 03:35	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 03:35	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 03:35	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 03:35	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 03:35	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 03:35	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	116	%	70-130		1		07/22/21 03:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	110	%	70-130		1		07/22/21 03:35	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/22/21 03:35	2037-26-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-8**      **Lab ID: 40230234008**      Collected: 07/19/21 10:25      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 03:56	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 03:56	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 03:56	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 03:56	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 03:56	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 03:56	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 03:56	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 03:56	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 03:56	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 03:56	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 03:56	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 03:56	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 03:56	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 03:56	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 03:56	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 03:56	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 03:56	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 03:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 03:56	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 03:56	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 03:56	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 03:56	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 03:56	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 03:56	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 03:56	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 03:56	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 03:56	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 03:56	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 03:56	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 03:56	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 03:56	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 03:56	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 03:56	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 03:56	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 03:56	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 03:56	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 03:56	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 03:56	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 03:56	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 03:56	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 03:56	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 03:56	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 03:56	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 03:56	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 03:56	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-8**      **Lab ID: 40230234008**      Collected: 07/19/21 10:25      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 03:56	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 03:56	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 03:56	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 03:56	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 03:56	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 03:56	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 03:56	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 03:56	79-00-5	
Trichloroethene	1.8	ug/L	1.0	0.32	1		07/22/21 03:56	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 03:56	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 03:56	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 03:56	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 03:56	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 03:56	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 03:56	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 03:56	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	117	%	70-130		1		07/22/21 03:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	70-130		1		07/22/21 03:56	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/22/21 03:56	2037-26-5	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-9**      **Lab ID: 40230234009**      Collected: 07/19/21 13:50      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.94J	ug/L	1.0	0.30	1		07/22/21 04:16	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 04:16	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 04:16	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 04:16	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 04:16	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 04:16	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 04:16	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 04:16	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 04:16	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 04:16	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 04:16	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 04:16	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 04:16	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 04:16	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 04:16	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 04:16	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 04:16	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 04:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 04:16	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 04:16	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 04:16	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 04:16	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 04:16	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 04:16	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 04:16	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 04:16	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 04:16	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 04:16	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 04:16	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 04:16	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 04:16	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 04:16	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 04:16	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 04:16	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 04:16	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 04:16	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 04:16	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 04:16	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 04:16	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 04:16	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 04:16	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 04:16	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 04:16	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 04:16	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 04:16	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-9**      **Lab ID: 40230234009**      Collected: 07/19/21 13:50      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 04:16	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 04:16	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 04:16	127-18-4	
Toluene	0.45J	ug/L	1.0	0.29	1		07/22/21 04:16	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 04:16	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 04:16	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 04:16	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 04:16	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/22/21 04:16	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 04:16	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 04:16	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 04:16	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 04:16	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 04:16	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 04:16	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 04:16	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	115	%	70-130		1		07/22/21 04:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		07/22/21 04:16	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/22/21 04:16	2037-26-5	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-10**      **Lab ID: 40230234010**      Collected: 07/19/21 13:15      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/27/21 10:20	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/27/21 10:20	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/27/21 10:20	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/27/21 10:20	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/27/21 10:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/27/21 10:20	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/27/21 10:20	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/27/21 10:20	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/27/21 10:20	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/27/21 10:20	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/27/21 10:20	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/27/21 10:20	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/27/21 10:20	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/27/21 10:20	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/27/21 10:20	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/27/21 10:20	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/27/21 10:20	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/27/21 10:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/27/21 10:20	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/27/21 10:20	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/27/21 10:20	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/27/21 10:20	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/27/21 10:20	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/27/21 10:20	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/27/21 10:20	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/27/21 10:20	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/27/21 10:20	75-35-4	
cis-1,2-Dichloroethene	1.6	ug/L	1.0	0.47	1		07/27/21 10:20	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/27/21 10:20	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/27/21 10:20	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/27/21 10:20	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/27/21 10:20	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/27/21 10:20	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/27/21 10:20	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/27/21 10:20	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/27/21 10:20	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/27/21 10:20	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/27/21 10:20	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/27/21 10:20	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/27/21 10:20	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/27/21 10:20	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/27/21 10:20	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/27/21 10:20	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/27/21 10:20	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/27/21 10:20	100-42-5	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-10**      **Lab ID: 40230234010**      Collected: 07/19/21 13:15      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/27/21 10:20	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/27/21 10:20	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/27/21 10:20	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/27/21 10:20	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/27/21 10:20	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/27/21 10:20	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/27/21 10:20	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/27/21 10:20	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/27/21 10:20	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/27/21 10:20	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/27/21 10:20	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/27/21 10:20	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/27/21 10:20	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/27/21 10:20	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/27/21 10:20	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/27/21 10:20	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		1		07/27/21 10:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		07/27/21 10:20	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		07/27/21 10:20	2037-26-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-11**      **Lab ID: 40230234011**      Collected: 07/19/21 14:20      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.7	ug/L	1.0	0.30	1		07/27/21 10:39	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/27/21 10:39	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/27/21 10:39	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/27/21 10:39	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/27/21 10:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/27/21 10:39	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/27/21 10:39	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/27/21 10:39	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/27/21 10:39	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/27/21 10:39	56-23-5	
Chlorobenzene	1.3	ug/L	1.0	0.86	1		07/27/21 10:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/27/21 10:39	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/27/21 10:39	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/27/21 10:39	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/27/21 10:39	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/27/21 10:39	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/27/21 10:39	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/27/21 10:39	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/27/21 10:39	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/27/21 10:39	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/27/21 10:39	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/27/21 10:39	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/27/21 10:39	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/27/21 10:39	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/27/21 10:39	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/27/21 10:39	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/27/21 10:39	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/27/21 10:39	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/27/21 10:39	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/27/21 10:39	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/27/21 10:39	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/27/21 10:39	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/27/21 10:39	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/27/21 10:39	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/27/21 10:39	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/27/21 10:39	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/27/21 10:39	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/27/21 10:39	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/27/21 10:39	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/27/21 10:39	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/27/21 10:39	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/27/21 10:39	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/27/21 10:39	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/27/21 10:39	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/27/21 10:39	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-11**      **Lab ID: 40230234011**      Collected: 07/19/21 14:20      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/27/21 10:39	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/27/21 10:39	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/27/21 10:39	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/27/21 10:39	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/27/21 10:39	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/27/21 10:39	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/27/21 10:39	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/27/21 10:39	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/27/21 10:39	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/27/21 10:39	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/27/21 10:39	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/27/21 10:39	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/27/21 10:39	108-67-8	
Vinyl chloride	1.7	ug/L	1.0	0.17	1		07/27/21 10:39	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/27/21 10:39	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/27/21 10:39	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	110	%	70-130		1		07/27/21 10:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		07/27/21 10:39	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		07/27/21 10:39	2037-26-5	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-12**      **Lab ID: 40230234012**      Collected: 07/19/21 14:30      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 10:35	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 10:35	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 10:35	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 10:35	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 10:35	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 10:35	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 10:35	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 10:35	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 10:35	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 10:35	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 10:35	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 10:35	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 10:35	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 10:35	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 10:35	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 10:35	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 10:35	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 10:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 10:35	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 10:35	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 10:35	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 10:35	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 10:35	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 10:35	75-71-8	
1,1-Dichloroethane	0.74J	ug/L	1.0	0.30	1		07/22/21 10:35	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 10:35	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 10:35	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 10:35	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 10:35	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 10:35	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 10:35	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 10:35	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 10:35	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 10:35	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 10:35	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 10:35	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 10:35	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 10:35	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 10:35	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 10:35	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 10:35	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 10:35	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 10:35	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 10:35	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 10:35	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-12**      **Lab ID: 40230234012**      Collected: 07/19/21 14:30      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 10:35	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 10:35	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 10:35	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 10:35	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 10:35	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 10:35	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 10:35	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 10:35	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/22/21 10:35	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 10:35	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 10:35	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 10:35	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 10:35	108-67-8	
Vinyl chloride	1.5	ug/L	1.0	0.17	1		07/22/21 10:35	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 10:35	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 10:35	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	117	%	70-130		1		07/22/21 10:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		07/22/21 10:35	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		07/22/21 10:35	2037-26-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-13**      **Lab ID: 40230234013**      Collected: 07/19/21 13:30      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.44J	ug/L	1.0	0.30	1		07/22/21 10:14	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 10:14	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 10:14	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 10:14	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 10:14	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 10:14	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 10:14	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 10:14	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 10:14	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 10:14	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 10:14	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 10:14	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 10:14	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 10:14	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 10:14	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 10:14	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 10:14	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 10:14	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 10:14	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 10:14	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 10:14	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 10:14	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 10:14	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 10:14	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 10:14	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 10:14	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 10:14	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 10:14	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 10:14	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 10:14	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 10:14	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 10:14	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 10:14	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 10:14	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 10:14	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 10:14	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 10:14	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 10:14	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 10:14	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 10:14	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 10:14	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 10:14	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 10:14	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 10:14	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 10:14	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-13**      **Lab ID: 40230234013**      Collected: 07/19/21 13:30      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 10:14	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 10:14	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 10:14	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 10:14	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 10:14	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 10:14	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 10:14	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 10:14	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/22/21 10:14	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 10:14	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 10:14	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 10:14	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 10:14	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 10:14	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 10:14	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 10:14	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	115	%	70-130		1		07/22/21 10:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	110	%	70-130		1		07/22/21 10:14	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		07/22/21 10:14	2037-26-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-14**      **Lab ID: 40230234014**      Collected: 07/19/21 13:40      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.35J	ug/L	1.0	0.30	1		07/22/21 09:53	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:53	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 09:53	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 09:53	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 09:53	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 09:53	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 09:53	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 09:53	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 09:53	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 09:53	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 09:53	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 09:53	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 09:53	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 09:53	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 09:53	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 09:53	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 09:53	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 09:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 09:53	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 09:53	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 09:53	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 09:53	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 09:53	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 09:53	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 09:53	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 09:53	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 09:53	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 09:53	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 09:53	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 09:53	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 09:53	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 09:53	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 09:53	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:53	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 09:53	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 09:53	108-20-3	
Ethylbenzene	0.37J	ug/L	1.0	0.33	1		07/22/21 09:53	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 09:53	87-68-3	
Isopropylbenzene (Cumene)	1.1J	ug/L	5.0	1.0	1		07/22/21 09:53	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 09:53	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 09:53	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 09:53	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 09:53	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 09:53	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:53	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-14**      **Lab ID: 40230234014**      Collected: 07/19/21 13:40      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 09:53	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 09:53	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 09:53	127-18-4	
Toluene	0.94J	ug/L	1.0	0.29	1		07/22/21 09:53	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 09:53	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 09:53	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 09:53	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 09:53	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/22/21 09:53	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 09:53	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 09:53	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 09:53	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:53	108-67-8	
Vinyl chloride	0.32J	ug/L	1.0	0.17	1		07/22/21 09:53	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 09:53	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 09:53	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	115	%	70-130		1		07/22/21 09:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		07/22/21 09:53	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/22/21 09:53	2037-26-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

Sample: P-15 Lab ID: 40230234015 Collected: 07/19/21 14:10 Received: 07/20/21 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 09:33	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:33	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 09:33	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 09:33	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 09:33	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 09:33	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 09:33	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 09:33	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 09:33	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 09:33	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 09:33	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 09:33	75-00-3	M1
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 09:33	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 09:33	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 09:33	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 09:33	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 09:33	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 09:33	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 09:33	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 09:33	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 09:33	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 09:33	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 09:33	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 09:33	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 09:33	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 09:33	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 09:33	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 09:33	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 09:33	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 09:33	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 09:33	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 09:33	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 09:33	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:33	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 09:33	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 09:33	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 09:33	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 09:33	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 09:33	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 09:33	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 09:33	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 09:33	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 09:33	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 09:33	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:33	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-15**      **Lab ID: 40230234015**      Collected: 07/19/21 14:10      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 09:33	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 09:33	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 09:33	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 09:33	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 09:33	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 09:33	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 09:33	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 09:33	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/22/21 09:33	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 09:33	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 09:33	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 09:33	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:33	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 09:33	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 09:33	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 09:33	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	114	%	70-130		1		07/22/21 09:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		07/22/21 09:33	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/22/21 09:33	2037-26-5	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

Sample: P-16 Lab ID: 40230234016 Collected: 07/19/21 14:00 Received: 07/20/21 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.78J	ug/L	1.0	0.30	1		07/22/21 09:12	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:12	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 09:12	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 09:12	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 09:12	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 09:12	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 09:12	104-51-8	
sec-Butylbenzene	0.56J	ug/L	1.0	0.42	1		07/22/21 09:12	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 09:12	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 09:12	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 09:12	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 09:12	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 09:12	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 09:12	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 09:12	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 09:12	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 09:12	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 09:12	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 09:12	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 09:12	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 09:12	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 09:12	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 09:12	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 09:12	75-71-8	
1,1-Dichloroethane	4.1	ug/L	1.0	0.30	1		07/22/21 09:12	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 09:12	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 09:12	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 09:12	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 09:12	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 09:12	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 09:12	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 09:12	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 09:12	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:12	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 09:12	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 09:12	108-20-3	
Ethylbenzene	0.33J	ug/L	1.0	0.33	1		07/22/21 09:12	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 09:12	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 09:12	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 09:12	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 09:12	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 09:12	1634-04-4	
Naphthalene	4.7J	ug/L	5.0	1.1	1		07/22/21 09:12	91-20-3	1q
n-Propylbenzene	1.4	ug/L	1.0	0.35	1		07/22/21 09:12	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 09:12	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-16**      **Lab ID: 40230234016**      Collected: 07/19/21 14:00      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 09:12	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 09:12	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 09:12	127-18-4	
Toluene	3.1	ug/L	1.0	0.29	1		07/22/21 09:12	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 09:12	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 09:12	120-82-1	
1,1,1-Trichloroethane	0.48J	ug/L	1.0	0.30	1		07/22/21 09:12	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 09:12	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/22/21 09:12	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 09:12	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 09:12	96-18-4	
1,2,4-Trimethylbenzene	14.6	ug/L	1.0	0.45	1		07/22/21 09:12	95-63-6	
1,3,5-Trimethylbenzene	4.1	ug/L	1.0	0.36	1		07/22/21 09:12	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 09:12	75-01-4	
m&p-Xylene	0.98J	ug/L	2.0	0.70	1		07/22/21 09:12	179601-23-1	
o-Xylene	1.0	ug/L	1.0	0.35	1		07/22/21 09:12	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	111	%	70-130		1		07/22/21 09:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		07/22/21 09:12	2199-69-1	
Toluene-d8 (S)	106	%	70-130		1		07/22/21 09:12	2037-26-5	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-17**      **Lab ID: 40230234017**      Collected: 07/19/21 11:50      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.30J	ug/L	1.0	0.30	1		07/22/21 08:51	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 08:51	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 08:51	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 08:51	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 08:51	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 08:51	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 08:51	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 08:51	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 08:51	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 08:51	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 08:51	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 08:51	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 08:51	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 08:51	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 08:51	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 08:51	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 08:51	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 08:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 08:51	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 08:51	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 08:51	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 08:51	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 08:51	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 08:51	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 08:51	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 08:51	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 08:51	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 08:51	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 08:51	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 08:51	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 08:51	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 08:51	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 08:51	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 08:51	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 08:51	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 08:51	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 08:51	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 08:51	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 08:51	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 08:51	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 08:51	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 08:51	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 08:51	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 08:51	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 08:51	100-42-5	

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: P-17**      **Lab ID: 40230234017**      Collected: 07/19/21 11:50      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 08:51	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 08:51	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 08:51	127-18-4	
Toluene	0.44J	ug/L	1.0	0.29	1		07/22/21 08:51	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 08:51	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 08:51	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 08:51	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 08:51	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/22/21 08:51	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 08:51	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 08:51	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 08:51	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 08:51	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 08:51	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 08:51	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 08:51	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	115	%	70-130		1		07/22/21 08:51	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		07/22/21 08:51	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		07/22/21 08:51	2037-26-5	

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## ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

Sample: TRIP BLANK Lab ID: 40230234018 Collected: 07/19/21 00:00 Received: 07/20/21 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Benzene	<0.30	ug/L	1.0	0.30	1		07/22/21 00:28	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 00:28	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/22/21 00:28	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 00:28	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/22/21 00:28	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/22/21 00:28	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 00:28	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/22/21 00:28	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/22/21 00:28	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/22/21 00:28	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/22/21 00:28	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/22/21 00:28	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/22/21 00:28	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/22/21 00:28	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 00:28	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/22/21 00:28	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/22/21 00:28	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/22/21 00:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/22/21 00:28	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/22/21 00:28	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 00:28	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 00:28	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/22/21 00:28	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/22/21 00:28	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 00:28	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/22/21 00:28	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/22/21 00:28	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/22/21 00:28	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/22/21 00:28	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/22/21 00:28	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/22/21 00:28	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/22/21 00:28	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/22/21 00:28	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/22/21 00:28	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/22/21 00:28	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 00:28	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/22/21 00:28	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/22/21 00:28	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/22/21 00:28	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/22/21 00:28	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/22/21 00:28	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/22/21 00:28	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		07/22/21 00:28	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/22/21 00:28	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/22/21 00:28	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

**Sample: TRIP BLANK**      **Lab ID: 40230234018**      Collected: 07/19/21 00:00      Received: 07/20/21 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/22/21 00:28	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/22/21 00:28	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/22/21 00:28	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/22/21 00:28	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/22/21 00:28	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/22/21 00:28	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/22/21 00:28	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/22/21 00:28	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/22/21 00:28	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/22/21 00:28	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/22/21 00:28	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/22/21 00:28	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/22/21 00:28	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/22/21 00:28	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/22/21 00:28	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/22/21 00:28	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	114	%	70-130		1		07/22/21 00:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	110	%	70-130		1		07/22/21 00:28	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		07/22/21 00:28	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230234

QC Batch: 390879 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40230234001, 40230234002, 40230234003, 40230234004, 40230234005, 40230234006, 40230234007, 40230234008, 40230234009, 40230234012, 40230234013, 40230234014, 40230234015, 40230234016, 40230234017, 40230234018

METHOD BLANK: 2254245 Matrix: Water  
Associated Lab Samples: 40230234001, 40230234002, 40230234003, 40230234004, 40230234005, 40230234006, 40230234007, 40230234008, 40230234009, 40230234012, 40230234013, 40230234014, 40230234015, 40230234016, 40230234017, 40230234018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	07/21/21 17:53	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	07/21/21 17:53	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	07/21/21 17:53	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	07/21/21 17:53	
1,1-Dichloroethane	ug/L	<0.30	1.0	07/21/21 17:53	
1,1-Dichloroethene	ug/L	<0.58	1.0	07/21/21 17:53	
1,1-Dichloropropene	ug/L	<0.41	1.0	07/21/21 17:53	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	07/21/21 17:53	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	07/21/21 17:53	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	07/21/21 17:53	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	07/21/21 17:53	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	07/21/21 17:53	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	07/21/21 17:53	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	07/21/21 17:53	
1,2-Dichloroethane	ug/L	<0.29	1.0	07/21/21 17:53	
1,2-Dichloropropane	ug/L	<0.45	1.0	07/21/21 17:53	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	07/21/21 17:53	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	07/21/21 17:53	
1,3-Dichloropropane	ug/L	<0.30	1.0	07/21/21 17:53	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	07/21/21 17:53	
2,2-Dichloropropane	ug/L	<4.2	5.0	07/21/21 17:53	
2-Chlorotoluene	ug/L	<0.89	5.0	07/21/21 17:53	
4-Chlorotoluene	ug/L	<0.89	5.0	07/21/21 17:53	
Benzene	ug/L	<0.30	1.0	07/21/21 17:53	
Bromobenzene	ug/L	<0.36	1.0	07/21/21 17:53	
Bromochloromethane	ug/L	<0.36	5.0	07/21/21 17:53	
Bromodichloromethane	ug/L	<0.42	1.0	07/21/21 17:53	
Bromoform	ug/L	<3.8	5.0	07/21/21 17:53	
Bromomethane	ug/L	<1.2	5.0	07/21/21 17:53	
Carbon tetrachloride	ug/L	<0.37	1.0	07/21/21 17:53	
Chlorobenzene	ug/L	<0.86	1.0	07/21/21 17:53	
Chloroethane	ug/L	<1.4	5.0	07/21/21 17:53	
Chloroform	ug/L	<1.2	5.0	07/21/21 17:53	
Chloromethane	ug/L	<1.6	5.0	07/21/21 17:53	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	07/21/21 17:53	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	07/21/21 17:53	
Dibromochloromethane	ug/L	<2.6	5.0	07/21/21 17:53	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230234

METHOD BLANK: 2254245

Matrix: Water

Associated Lab Samples: 40230234001, 40230234002, 40230234003, 40230234004, 40230234005, 40230234006, 40230234007, 40230234008, 40230234009, 40230234012, 40230234013, 40230234014, 40230234015, 40230234016, 40230234017, 40230234018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	07/21/21 17:53	
Dichlorodifluoromethane	ug/L	<0.46	5.0	07/21/21 17:53	
Diisopropyl ether	ug/L	<1.1	5.0	07/21/21 17:53	
Ethylbenzene	ug/L	<0.33	1.0	07/21/21 17:53	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/21/21 17:53	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/21/21 17:53	
m&p-Xylene	ug/L	<0.70	2.0	07/21/21 17:53	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/21/21 17:53	
Methylene Chloride	ug/L	0.96J	5.0	07/21/21 17:53	
n-Butylbenzene	ug/L	<0.86	1.0	07/21/21 17:53	
n-Propylbenzene	ug/L	<0.35	1.0	07/21/21 17:53	
Naphthalene	ug/L	3.1J	5.0	07/21/21 17:53	
o-Xylene	ug/L	<0.35	1.0	07/21/21 17:53	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/21/21 17:53	
sec-Butylbenzene	ug/L	<0.42	1.0	07/21/21 17:53	
Styrene	ug/L	<0.36	1.0	07/21/21 17:53	
tert-Butylbenzene	ug/L	<0.59	1.0	07/21/21 17:53	
Tetrachloroethene	ug/L	<0.41	1.0	07/21/21 17:53	
Toluene	ug/L	<0.29	1.0	07/21/21 17:53	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	07/21/21 17:53	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	07/21/21 17:53	
Trichloroethene	ug/L	<0.32	1.0	07/21/21 17:53	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/21/21 17:53	
Vinyl chloride	ug/L	<0.17	1.0	07/21/21 17:53	
1,2-Dichlorobenzene-d4 (S)	%	107	70-130	07/21/21 17:53	
4-Bromofluorobenzene (S)	%	113	70-130	07/21/21 17:53	
Toluene-d8 (S)	%	103	70-130	07/21/21 17:53	

LABORATORY CONTROL SAMPLE: 2254246

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.4	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.3	103	66-130	
1,1,2-Trichloroethane	ug/L	50	49.7	99	70-130	
1,1-Dichloroethane	ug/L	50	51.4	103	68-132	
1,1-Dichloroethene	ug/L	50	50.1	100	85-126	
1,2,4-Trichlorobenzene	ug/L	50	36.9	74	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.7	93	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	48.8	98	70-130	
1,2-Dichlorobenzene	ug/L	50	47.4	95	70-130	
1,2-Dichloroethane	ug/L	50	48.1	96	70-130	
1,2-Dichloropropane	ug/L	50	48.1	96	78-125	

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230234

LABORATORY CONTROL SAMPLE: 2254246

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	46.3	93	70-130	
1,4-Dichlorobenzene	ug/L	50	45.4	91	70-130	
Benzene	ug/L	50	47.4	95	70-132	
Bromodichloromethane	ug/L	50	47.6	95	70-130	
Bromoform	ug/L	50	42.9	86	65-130	
Bromomethane	ug/L	50	42.4	85	44-128	
Carbon tetrachloride	ug/L	50	47.5	95	70-130	
Chlorobenzene	ug/L	50	47.6	95	70-130	
Chloroethane	ug/L	50	51.7	103	73-137	
Chloroform	ug/L	50	49.7	99	80-122	
Chloromethane	ug/L	50	47.4	95	27-148	
cis-1,2-Dichloroethene	ug/L	50	47.5	95	70-130	
cis-1,3-Dichloropropene	ug/L	50	40.0	80	70-130	
Dibromochloromethane	ug/L	50	48.9	98	70-130	
Dichlorodifluoromethane	ug/L	50	35.0	70	22-151	
Ethylbenzene	ug/L	50	49.0	98	80-123	
Isopropylbenzene (Cumene)	ug/L	50	49.8	100	70-130	
m&p-Xylene	ug/L	100	96.1	96	70-130	
Methyl-tert-butyl ether	ug/L	50	43.6	87	66-130	
Methylene Chloride	ug/L	50	47.9	96	70-130	
o-Xylene	ug/L	50	49.0	98	70-130	
Styrene	ug/L	50	48.9	98	70-130	
Tetrachloroethene	ug/L	50	46.8	94	70-130	
Toluene	ug/L	50	48.4	97	80-121	
trans-1,2-Dichloroethene	ug/L	50	46.0	92	70-130	
trans-1,3-Dichloropropene	ug/L	50	40.3	81	58-125	
Trichloroethene	ug/L	50	45.3	91	70-130	
Trichlorofluoromethane	ug/L	50	49.6	99	84-148	
Vinyl chloride	ug/L	50	50.8	102	63-142	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2255444 2255445

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40230234015 Result	Spike Conc.	Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.1	48.8	100	98	70-130	3	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	53.3	53.5	107	107	66-130	0	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.4	50.9	101	102	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	54.6	52.7	109	105	68-132	4	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	52.9	51.4	106	103	76-132	3	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	39.5	41.5	79	83	70-130	5	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	49.2	48.6	98	97	51-126	1	20		

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2255444		2255445		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40230234015 Result	MS Spike Conc.	MSD Spike Conc.									
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	50.8	50.7	102	101	70-130	0	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	49.6	49.8	99	100	70-130	0	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	51.8	49.8	104	100	70-130	4	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	51.7	49.7	103	99	77-125	4	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	48.0	48.5	96	97	70-130	1	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	47.3	47.6	95	95	70-130	1	20		
Benzene	ug/L	<0.30	50	50	50.4	49.6	101	99	70-132	2	20		
Bromodichloromethane	ug/L	<0.42	50	50	50.3	49.1	101	98	70-130	2	20		
Bromoform	ug/L	<3.8	50	50	44.8	44.5	90	89	65-130	1	20		
Bromomethane	ug/L	<1.2	50	50	43.2	47.3	86	95	44-128	9	21		
Carbon tetrachloride	ug/L	<0.37	50	50	51.7	51.4	103	103	70-132	1	20		
Chlorobenzene	ug/L	<0.86	50	50	49.7	49.7	99	99	70-130	0	20		
Chloroethane	ug/L	<1.4	50	50	68.9	63.0	138	126	70-137	9	20	M1	
Chloroform	ug/L	<1.2	50	50	53.2	52.1	106	104	80-122	2	20		
Chloromethane	ug/L	<1.6	50	50	49.3	47.1	99	94	17-149	5	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	50.3	48.4	101	97	70-130	4	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	42.2	42.1	84	84	70-130	0	20		
Dibromochloromethane	ug/L	<2.6	50	50	50.9	51.2	102	102	70-130	1	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	35.7	34.4	71	69	22-158	4	20		
Ethylbenzene	ug/L	<0.33	50	50	50.7	51.0	101	102	80-123	1	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	51.7	51.8	103	104	70-130	0	20		
m&p-Xylene	ug/L	<0.70	100	100	100	99.6	100	100	70-130	1	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	44.6	44.3	89	89	66-130	1	20		
Methylene Chloride	ug/L	<0.32	50	50	50.8	48.1	102	96	70-130	6	20		
o-Xylene	ug/L	<0.35	50	50	50.9	50.7	102	101	70-130	0	20		
Styrene	ug/L	<0.36	50	50	49.9	50.0	100	100	70-130	0	20		
Tetrachloroethene	ug/L	<0.41	50	50	48.2	48.8	96	98	70-130	1	20		
Toluene	ug/L	<0.29	50	50	49.8	49.7	100	99	80-121	0	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	49.7	47.6	99	95	70-134	4	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	41.9	43.6	84	87	58-130	4	20		
Trichloroethene	ug/L	<0.32	50	50	50.4	46.8	101	94	70-130	8	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	52.6	50.6	105	101	82-151	4	20		
Vinyl chloride	ug/L	<0.17	50	50	53.3	50.9	107	102	61-143	4	20		
1,2-Dichlorobenzene-d4 (S)	%						101	103	70-130				
4-Bromofluorobenzene (S)	%						106	109	70-130				
Toluene-d8 (S)	%						102	102	70-130				

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230234

QC Batch: 391287 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40230234010, 40230234011

METHOD BLANK: 2257173 Matrix: Water

Associated Lab Samples: 40230234010, 40230234011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	07/27/21 07:39	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	07/27/21 07:39	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	07/27/21 07:39	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	07/27/21 07:39	
1,1-Dichloroethane	ug/L	<0.30	1.0	07/27/21 07:39	
1,1-Dichloroethene	ug/L	<0.58	1.0	07/27/21 07:39	
1,1-Dichloropropene	ug/L	<0.41	1.0	07/27/21 07:39	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	07/27/21 07:39	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	07/27/21 07:39	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	07/27/21 07:39	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	07/27/21 07:39	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	07/27/21 07:39	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	07/27/21 07:39	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	07/27/21 07:39	
1,2-Dichloroethane	ug/L	<0.29	1.0	07/27/21 07:39	
1,2-Dichloropropane	ug/L	<0.45	1.0	07/27/21 07:39	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	07/27/21 07:39	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	07/27/21 07:39	
1,3-Dichloropropane	ug/L	<0.30	1.0	07/27/21 07:39	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	07/27/21 07:39	
2,2-Dichloropropane	ug/L	<4.2	5.0	07/27/21 07:39	
2-Chlorotoluene	ug/L	<0.89	5.0	07/27/21 07:39	
4-Chlorotoluene	ug/L	<0.89	5.0	07/27/21 07:39	
Benzene	ug/L	<0.30	1.0	07/27/21 07:39	
Bromobenzene	ug/L	<0.36	1.0	07/27/21 07:39	
Bromochloromethane	ug/L	<0.36	5.0	07/27/21 07:39	
Bromodichloromethane	ug/L	<0.42	1.0	07/27/21 07:39	
Bromoform	ug/L	<3.8	5.0	07/27/21 07:39	
Bromomethane	ug/L	<1.2	5.0	07/27/21 07:39	
Carbon tetrachloride	ug/L	<0.37	1.0	07/27/21 07:39	
Chlorobenzene	ug/L	<0.86	1.0	07/27/21 07:39	
Chloroethane	ug/L	<1.4	5.0	07/27/21 07:39	
Chloroform	ug/L	<1.2	5.0	07/27/21 07:39	
Chloromethane	ug/L	<1.6	5.0	07/27/21 07:39	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	07/27/21 07:39	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	07/27/21 07:39	
Dibromochloromethane	ug/L	<2.6	5.0	07/27/21 07:39	
Dibromomethane	ug/L	<0.99	5.0	07/27/21 07:39	
Dichlorodifluoromethane	ug/L	<0.46	5.0	07/27/21 07:39	
Diisopropyl ether	ug/L	<1.1	5.0	07/27/21 07:39	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

METHOD BLANK: 2257173

Matrix: Water

Associated Lab Samples: 40230234010, 40230234011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	07/27/21 07:39	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/27/21 07:39	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/27/21 07:39	
m&p-Xylene	ug/L	<0.70	2.0	07/27/21 07:39	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/27/21 07:39	
Methylene Chloride	ug/L	<0.32	5.0	07/27/21 07:39	
n-Butylbenzene	ug/L	<0.86	1.0	07/27/21 07:39	
n-Propylbenzene	ug/L	<0.35	1.0	07/27/21 07:39	
Naphthalene	ug/L	<1.1	5.0	07/27/21 07:39	
o-Xylene	ug/L	<0.35	1.0	07/27/21 07:39	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/27/21 07:39	
sec-Butylbenzene	ug/L	<0.42	1.0	07/27/21 07:39	
Styrene	ug/L	<0.36	1.0	07/27/21 07:39	
tert-Butylbenzene	ug/L	<0.59	1.0	07/27/21 07:39	
Tetrachloroethene	ug/L	<0.41	1.0	07/27/21 07:39	
Toluene	ug/L	<0.29	1.0	07/27/21 07:39	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	07/27/21 07:39	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	07/27/21 07:39	
Trichloroethene	ug/L	<0.32	1.0	07/27/21 07:39	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/27/21 07:39	
Vinyl chloride	ug/L	<0.17	1.0	07/27/21 07:39	
1,2-Dichlorobenzene-d4 (S)	%	106	70-130	07/27/21 07:39	
4-Bromofluorobenzene (S)	%	110	70-130	07/27/21 07:39	
Toluene-d8 (S)	%	100	70-130	07/27/21 07:39	

LABORATORY CONTROL SAMPLE: 2257174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	59.5	119	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	63.1	126	66-130	
1,1,2-Trichloroethane	ug/L	50	55.6	111	70-130	
1,1-Dichloroethane	ug/L	50	57.5	115	68-132	
1,1-Dichloroethene	ug/L	50	48.0	96	85-126	
1,2,4-Trichlorobenzene	ug/L	50	49.9	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	57.8	116	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	56.4	113	70-130	
1,2-Dichlorobenzene	ug/L	50	55.3	111	70-130	
1,2-Dichloroethane	ug/L	50	49.5	99	70-130	
1,2-Dichloropropane	ug/L	50	53.3	107	78-125	
1,3-Dichlorobenzene	ug/L	50	57.3	115	70-130	
1,4-Dichlorobenzene	ug/L	50	55.5	111	70-130	
Benzene	ug/L	50	58.4	117	70-132	
Bromodichloromethane	ug/L	50	53.1	106	70-130	
Bromoform	ug/L	50	48.5	97	65-130	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

LABORATORY CONTROL SAMPLE: 2257174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	39.1	78	44-128	
Carbon tetrachloride	ug/L	50	61.1	122	70-130	
Chlorobenzene	ug/L	50	57.5	115	70-130	
Chloroethane	ug/L	50	43.8	88	73-137	
Chloroform	ug/L	50	56.9	114	80-122	
Chloromethane	ug/L	50	46.4	93	27-148	
cis-1,2-Dichloroethene	ug/L	50	54.8	110	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.4	103	70-130	
Dibromochloromethane	ug/L	50	54.6	109	70-130	
Dichlorodifluoromethane	ug/L	50	53.4	107	22-151	
Ethylbenzene	ug/L	50	59.3	119	80-123	
Isopropylbenzene (Cumene)	ug/L	50	60.5	121	70-130	
m&p-Xylene	ug/L	100	113	113	70-130	
Methyl-tert-butyl ether	ug/L	50	47.3	95	66-130	
Methylene Chloride	ug/L	50	54.9	110	70-130	
o-Xylene	ug/L	50	54.4	109	70-130	
Styrene	ug/L	50	55.6	111	70-130	
Tetrachloroethene	ug/L	50	61.9	124	70-130	
Toluene	ug/L	50	58.9	118	80-121	
trans-1,2-Dichloroethene	ug/L	50	61.9	124	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.8	104	58-125	
Trichloroethene	ug/L	50	58.6	117	70-130	
Trichlorofluoromethane	ug/L	50	48.0	96	84-148	
Vinyl chloride	ug/L	50	51.3	103	63-142	
1,2-Dichlorobenzene-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			113	70-130	
Toluene-d8 (S)	%			101	70-130	

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 58217147 FMR LOEB LORMAN-SCRAP

Pace Project No.: 40230234

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### 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.

### ANALYTE QUALIFIERS

- |    |  |
|----|--|
| 1q | Analyte was detected in the associated method blank. Sample was re-analyzed with a second method blank that was non-detect. Due to limitations of the LIMS system, only initial method blank results are reported. |
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.  |
| pH | Post-analysis pH measurement indicates insufficient VOA sample preservation.   |

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 58217147 FMR LOEB LORMAN-SCRAP  
Pace Project No.: 40230234

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40230234001	P-1	EPA 8260	390879		
40230234002	P-2	EPA 8260	390879		
40230234003	P-3	EPA 8260	390879		
40230234004	P-4	EPA 8260	390879		
40230234005	P-5	EPA 8260	390879		
40230234006	P-6	EPA 8260	390879		
40230234007	P-7	EPA 8260	390879		
40230234008	P-8	EPA 8260	390879		
40230234009	P-9	EPA 8260	390879		
40230234010	P-10	EPA 8260	391287		
40230234011	P-11	EPA 8260	391287		
40230234012	P-12	EPA 8260	390879		
40230234013	P-13	EPA 8260	390879		
40230234014	P-14	EPA 8260	390879		
40230234015	P-15	EPA 8260	390879		
40230234016	P-16	EPA 8260	390879		
40230234017	P-17	EPA 8260	390879		
40230234018	TRIP BLANK	EPA 8260	390879		

### REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)

Company Name: Terracon  
 Branch/Location: Franklin, WI  
 Project Contact: Tim Welch  
 Phone:  
 Project Number: S8217147  
 Project Name: Farmer Losh-Corman Scrap yard  
 Project State: WI  
 Sampled By (Print): Ryan Johnson  
 Sampled By (Sign): [Signature]  
 PO #:  
 Regulatory Program:



UPPER MIDWEST REGION

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

40230234

# 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	<u>N</u>																				
Pick Letter	<u>B</u>																				
Analyses Requested	<u>UOCs</u>																				

Quote #:   
 Mail To Contact: Tim Welch  
 Mail To Company: Terracon  
 Mail To Address:   
 Invoice To Contact:   
 Invoice To Company: SAME  
 Invoice To Address:   
 Invoice To Phone:   
 CLIENT COMMENTS LAB COMMENTS Profile #  
 (Lab Use Only)

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	P-1	7/19/21	1240	GW
002	P-2		1225	
003	P-3		1135	
004	P-4		1120	
005	P-5		1255	
006	P-6		1105	
007	P-7		1035	
008	P-8		1025	
009	P-9		1350	
010	P-10		1315	
011	P-11		1420	
012	P-12		1430	
013	P-13		1330	

Rush Turnaround Time Requested - Prelims  
 (Rush TAT subject to approval/surcharge)  
 Date Needed: 5-20-21

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: <u>[Signature]</u> Date/Time: <u>1700 7/19/21</u>	Received By: <u>[Signature]</u> Date/Time: <u>0800 7/20/21</u>
Relinquished By: <u>CS Logistics</u> Date/Time: <u>7/20/21 0800</u>	Received By: <u>[Signature]</u> Date/Time: <u>0800 7/20/21</u>
Relinquished By: Date/Time: 	Received By: Date/Time: 
Relinquished By: Date/Time: 	Received By: Date/Time: 

PACE Project No. 40230234  
 Receipt Temp = 3.5 °C  
 Sample Receipt pH  
 OK / Adjusted  
 Cooler Custody Seal  
 Present / Not Present  
 Intact / Not Intact  
 Page 54 of 58



(Please Print Clearly)

**Company Name:**  
**Branch/Location:** SAME  
**Project Contact:**  
**Phone:** as  
**Project Number:**  
**Project Name:** Page 1  
**Project State:**  
**Sampled By (Print):**  
**Sampled By (Sign):**



40230234

## 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)	Y/N	Pick Letter	Matrix
FILTERED?	N	B	UACs
PRESERVATION (CODE)*	N	A	UACs

**Quote #:**  
**Mail To Contact:**  
**Mail To Company:** SAME  
**Mail To Address:** as page 1  
**Invoice To Contact:**  
**Invoice To Company:**  
**Invoice To Address:**  
**Invoice To Phone:**  
**CLIENT COMMENTS**  
**LAB COMMENTS (Lab Use Only)**  
 Profile #

p-17 had  
 Hal removed  
 before  
 sample  
 collected.

**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	Matrix
		DATE	TIME				
014	P-14	7/19/21	1340	GW	X		
015	P-15		1410		X		
016	P-16		1400		X		
017	P-17		1150		X	X	
018	Trip Blank				X		

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

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

Relinquished By: [Signature] CS Logistics	Date/Time: 7/19/21 1700	Received By: [Signature]	Date/Time: 7/20/21 0800
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. 40230234  
 Receipt Temp = 3.5 °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: Terracon

Project # 40230234

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
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017																																							2.5 / 5 / 10
018																																							2.5 / 5 / 10
019																																							2.5 / 5 / 10
020																																							2.5 / 5 / 10

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

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

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: <b>Sample Condition Upon Receipt (SCUR)</b>	Document Revised: 26Mar2020
	Document No.: <b>ENV-FRM-GBAY-0014-Rev.00</b>	Author: Pace Green Bay Quality Office

### Sample Condition Upon Receipt Form (SCUR)

Project #: \_\_\_\_\_

 Client Name: Terracon
**WO# : 40230234**

 Courier:  CS Logistics  Fed Ex  Speedee  UPS  Waltco  
 Client  Pace Other: \_\_\_\_\_


40230234

 Tracking #: 2006.071921

 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-107 Type of Ice: Wet Blue Dry None

 Samples on ice, cooling process has begun

 Cooler Temperature Uncorr: 3.5 / Corr: 3.5

 Temp Blank Present:  yes  no

 Biological Tissue is Frozen:  yes  no

Person examining contents:

 Date: 7/20/12 / Initials: AW

 Labeled By Initials: FL

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>no phone #</u> <u>7/20/12 AW</u>
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 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. <u>017 in HCL vials, but unpreserved per client note</u> <u>7/20/12 AW</u>
- 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>012: "1440"</u> <u>7/20/12 AW</u>
- Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>467</u>		

**Client Notification/ Resolution:**

 If checked, see attached form for additional comments 

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

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